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OF THE

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LIST OF SESSIONAL PAPERS

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CONTENTS OF VOLUME 1.

(This volume is bound in three parts.)

1. Report of the Auditor General for the year ending 31st March, 1918, Volume III, parts V. to Z. Presented by Sir Thomas White, March 10, 1919.
Printed for distribution and sessional papers.

Report of the Auditor General for the year ended 31st March, 1918, Volume II, Parts L to U. Presented by Sir Thomas White, March 26, 1919.
Printed for distribution and sessional papers.

Report of the Auditor General for the year ended 31st March, 1918, Volume I, Parts a, b and A. to K. Presented by Sir Thomas White, March 28, 1919.
Printed for distribution and sessional papers.

Report of the Auditor General for the year ended 31st March, 1918, Volume IV, Part ZZ. Presented by Sir Thomas White, April 22, 1919.
Printed for distribution and sessional papers.

CONTENTS OF VOLUME 2.

(This volume is bound in two parts.)

2. The Public Accounts of Canada, for the fiscal year ended 31st March, 1918. Presented by Sir Thomas White, March 3, 1919... .. ..*Printed for distribution and sessional papers.*

3. Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1920, and, in accordance with the provisions of "The British North America Act, 1867." Presented by Sir Thomas White, March 18, 1919.
Printed for distribution and sessional papers.

4. Supplementary Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1919, and, in accordance with the provisions of "The British North America Act, 1867." Presented by Sir Thomas White, May 7, 1919.
Printed for distribution and sessional papers.

4*a*. Supplementary Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1920. Presented by Sir Thomas White, March 31, 1919.
Printed for distribution and sessional papers.

5*a*. Further Supplementary Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1920. Presented by Sir Thomas White, July 3, 1919.
Printed for distribution and sessional papers.

5*b*. Further Supplementary Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1920. Pesented by Sir Thomas White, July 5, 1919.
Printed for distribution and sessional papers.

5*c*. Further Supplementary Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1912.
Printed for distribution and sessional papers

8. Report of the Superintendent of Insurance for the year 1918—Vols. I and II.
Printed for distribution and sessional papers.

9. Abstract of Statements of Insurance Companies in Canada for the year ended 31st December, 1918. (Subject to corrections.) Presented by Hon. Mr. Maclean, June 23, 1919.
Printed for distribution and sessional papers.

CONTENTS OF VOLUME 3.

10. Annual Report of the Department of Trade and Commerce, for the fiscal year ending 31st March, 1919. Presented by Hon. Mr. Burrell, July 4, 1919.
Printed for distribution and sessional papers.

10*a*. Report relating to Mail Subsidies and Steamship Subventions as controlled by the Department of Trade and Commerce, for the fiscal year ending 31st March, 1918, with traffic returns, etc., to 31st December, 1918. Presented by Hon. Mr. Maclean, May 8, 1919.
Printed for distribution and sessional papers.

10*b*. Annual Report of the Trade of Canada (imports for consumption and exports), for the fiscal year ending 31st March, 1918. Presented by Hon. Mr. Maclean, May 28, 1919.
Printed for distribution and sessional papers.

10*c*. Grain Commissioners of Canada, year ending March 31, 1918.
Printed for distribution and sessional papers.

10*d*. Criminal Statistics for year ended September, 1918.
Printed for distribution and sessional papers.

CONTENTS OF VOLUME 4.

11. Trade Report of the Department of Customs containing the tables and statements of Imports and Exports of the Dominion of Canada for the fiscal year ending 31st March, 1918. Presented by Hon. Mr. Reid, March 18, 1919.
Printed for distribution and sessional papers.

11*a*. Shipping Report of the Department of Customs, containing the statements of Navigation and Shipping of the Dominion of Canada, for the fiscal year ending 31st March, 1918. Presented by Hon. Mr. Reid, March 25, 1919.
Printed for distribution and sessional papers.

CONTENTS OF VOLUME 5.

12. Reports, Returns and Statistics of the Inland Revenue of the Dominion of Canada, for the year ending 31st March, 1918.—Part I.—Excise. Presented by Hon. Mr. Reid, March 18, 1919... .. .. *Printed for distribution and sessional papers.*

13. Inland Revenue, Annual Report, Part II—Weights and Measures, Gas and Electricity..
Printed for distribution and sessional papers.

14. Inland Revenue, Annual Report, Part III—Adulteration of Food.
Printed for distribution and sessional papers.

15. Report of the Minister of Agriculture for the Dominion of Canada, for the year ending 31st March, 1918. Presented by Hon. Mr. Crerar, February 28, 1919.
Printed for distribution and sessional papers.

15*a*. The Agricultural Instruction Act, 1917-18, pursuant to section 8, chapter 5 of 3-4 George V. Presented by Hon. Mr. Crerar, February 28, 1919.
Printed for distribution and sessional papers.

15*b* Report of the Veterinary Director General for the year ending March 31, 1918. Presented by Hon. Mr. Carvell, July 5, 1919... .. ..*Printed for distribution and sessional papers.*

16. Report of the Dominion Experimental Farms for the fiscal year ending 31st March, 1918. —Appendix to the Report of the Minister of Agriculture. Presented by Hon. Mr. Crerar, February 28, 1919.. .. ..*Printed for distribution and sessional papers.*

CONTENTS OF VOLUME 6.

17. Report of the Census of Industry, 1917. Part I, Agricultural Statistics. Presented by Hon. Mr. Carvell, March 18, 1919.. .. ..*Printed for distribution and sessional papers.*

17*a*. Report of the Census of Industry, 1917—Part II. Dairying.
Printed for distribution and sessional papers.

17*b*. Report of the Census of Industry, 1917—Part III. Fisheries Statistics.
Printed for distribution and sessional papers.

CONTENTS OF VOLUME 6—*Continued.*

17*c*. Report of the Census of Industry, 1917—Part IV, Section 4, Pulp and Paper. Presented by Hon. Mr. Maclean, April 24, 1919.. ..*Printed for distribution and sessional papers.*

17*c*. (1) Report of the Census of Industry, 1917, Part IV—Forestry—Lumber, Laths and Shingles. *Printed for distribution and sessional papers.*

17*c*. (3) Report of the Census of Industry, 1917—Part IV—Forestry—Sash and Doors, Planing Mills, etc. *Printed for distribution and sessional papers.*

17*c*. (4) Report of the Census of Industry, 1917, Part IV—Forestry—Pulp and Paper. *Printed for distribution and sessional papers.*

17*c*. (5) Report of the Census of Industry, 1917, Part IV—Forestry—Wood Distillation. *Printed for distribution and sessional papers.*

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18. Annual Report of the Department of Immigration and Colonization, for the fiscal year ending 31st March, 1918. Presented by Hon. Mr. Calder, February 28, 1919. *Printed for distribution and sessional papers.*

19. Report of the Minister of Public Works on the works under his control, for the fiscal year ending 31st March, 1918. Presented by Hon. Mr. Carvell, February 26, 1919. *Printed for distribution and sessional papers.*

20. Annual Report of the Department of Railways and Canals, for the fiscal year from 1st April, 1917, to 31st March, 1918. Presented by Hon. Mr. Reid, March 26, 1919. *Printed for distribution and sessional papers.*

20*a*. Canal Statistics for the season of navigation, 1918. Presented by Hon. Mr. Reid, May 30, 1919... .. ..*Printed for distribution and sessional papers.*

20*b*. Railway Statistics of the Dominion of Canada, for the year ending 30th June, 1918. Presented by Hon. Mr. Reid, May 30, 1919. ..*Printed for distribution and sessional papers.*

20*c*. Thirteenth Report of the Board of Railway Commissioners for Canada, for the year ending 31st March, 1918. Presented by Hon. Mr. Reid, February 27, 1919. *Printed for distribution and sessional papers.*

20*d*. Telephone Statistics of the Dominion of Canada, for the year ending 30th June, 1918. Presented by Hon. Mr. Reid, April 24, 1919. *Not printed.*

20*e*. Express Statistics of the Dominion of Canada, for the years ended June 30, 1917 and 1918. Presented by Hon. Mr. Reid, April 24, 1919.. *Not printed.*

20*f*. Telegraph Statistics of the Dominion of Canada, for the years ending June 30, 1917 and 1918. Presented by Hon. Mr. Reid, April 24, 1919. *Not printed.*

CONTENTS OF VOLUME 8.

21. Fifty-first Annual Report of the Department of Marine and Fisheries, for the year 1917-18—Marine. Presented by Hon. Mr. Maclean, Febuary 26, 1919. *Printed for distribution and sessional papers.*

22. List of Shipping issued by the Department of Marine and Fisheries, as on the 31st December, 1918. Presented by Hon. Mr. Ballantyne, June 16, 1919. *Printed for distribution and sessional papers.*

23. Supplement to the Fifty-first Annual Report of the Department of Marine and Fisheries, for the fiscal year 1917-18 (Marine)—Steamboat Inspection Report. Presented by Hon. Mr. Ballantyne, May 13, 1919... .. .. ..*Printed for distribution and sessional papers.*

24. Report of the Postmaster General, for the year ending 31st March, 1918. Presented by Hon. Mr. Rowell, February 26, 1919.. ..*Printed for distribution and sessional papers.*

25. Annual Report of the Department of the Interior, for the fiscal year ending 31st March, 1918. Presented by Hon. Mr. Meighen, March 4, 1919. *Printed for distribution and sessional papers.*

26. Summary Report of the Geological Survey, Department of Mines, for the calendar year 1918. Presented by Hon. Mr. Maclean, March 28, 1919. *Printed for distribution and sessional papers.*

26*a*. Summary Report of the Mines Branch of the Department of Mines, for the calendar year, 1918.. .. .. *Printed for distribution and sessional papers.*

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27. Report of the Department of Indian Affairs, for the year ending 31st March, 1918. Presented by Hon. Mr. Meighen, March 6, 1919.
Printed for distribution and sessional papers.

28. Report of the Royal Northwest Mounted Police, for the year ending 30th September, 1918. Presented by Hon. Mr. Rowell, June 16, 1919.
Printed for distribution and sessional papers.

29. Report of the Secretary of State of Canada, for the year ending 31st March, 1918. Presented by Hon. Mr. Burrell, March 3, 1919.
Printed for distribution and sessional papers.

29*a*. Canadian Archives, for year ended December 31, 1918.
Printed for distribution and sessional papers.

30. The Civil Service List of Canada, 1918. Presented by Hon. Mr. Burrell, March 12, 1919.
Printed for distribution and sessional papers.

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31. Tenth Annual Report of the Civil Service Commission of Canada, for the year ending 31st August, 1918. Presented by Hon. Mr. Burrell, April 7, 1919.
Printed for distribution and sessional papers.

32. Annual Report of the Department of Public Printing and Stationery, for the fiscal year ending 31st March, 1918. Presented by Hon. Mr. Maclean, April 10, 1919.
Printed for distribution and sessional papers.

33. Report of the Secretary of State for External Affairs, for the year ending 31st March, 1918. Presented by Hon. Mr. Rowell, April 9, 1919.
Printed for distribution and sessional papers.

34. Report of the Minister of Justice as to Penitentiaries, for fiscal year ending March 31. 1918.
Printed for distribution and sessional papers.

35. Report of the Militia Council for the Dominion of Canada, for the fiscal year ending 31st March, 1918. Presented by Hon. Mr. Mewburn, February 26, 1919.
Printed for distribution and sessional papers.

36. Report of the Department of Labour, for the fiscal year ending 31st March, 1918. Presented by Sir Thomas White, May 26, 1919.
Printed for distribution and sessional papers.

37. Annual Report of the Editorial Committee on Governmental Publications, dated 1st March, 1919. Presented by Hon. Mr. Maclean, April 16, 1919.
Printed for distribution and sessional papers.

38. Report of the Department of the Naval Service, for the fiscal year ending 31st March, 1918. Presented by Hon. Mr. Maclean, February 28, 1919.
Printed for distribution and sessional papers.

39. Fifty-first Annual Report of the Fisheries Branch of the Department of the Naval Service, 1918. Presented by Hon. Mr. Maclean, February 28, 1919.
Printed for distribution and sessional papers.

40. Report of the Joint Librarians of Parliament. Presented by Hon. Mr. Speaker, February 20, 1919.. .. .. .

CONTENTS OF VOLUME 10—*Continued.*

45. Statement of fees received on account of Sick Mariners' Fund during the fiscal year 1917-18, in accordance with the provisions of Section 387 of Chapter 113, of the Revised Statutes of Canada, 1906.—(*The Senate.*).. .. ..*Not printed.*

46. Copies of General Orders promulgated to the Militia for the period between 1st January, 1918, and 2nd February, 1919. Presented by Hon. Mr. Mewburn, February 26, 1919. *Not printed.*

47. Copies of all Routine Orders of the Canadian Expeditionary Force promulgated from 2nd January, 1918, to 22nd February, 1919. Presented by Hon. Mr. Mewburn, February 26, 1919.. .. ..*Not printed.*

48. Copy of a despatch from the Right Hon. the Secretary of State for the Colonies to His Excellency the Governor General, transmitting copies of a parliamentary paper containing extracts from the minutes of the proceedings of the Imperial War Conference, 1918, and papers laid before the conference. Presented by Hon. Mr. Rowell, February 26, 1919.. .. ..*Not printed.*

49. Statement showing appropriation account of the Royal Northwest Mounted Police, 1917-18, in accordance with Chapter 91, Section 27, of the Revised Statutes. Presented by Hon. Mr. Rowell, February 26, 1919.. .. ..*Not printed.*

49*a*. Copy of Orders in Council, as follows:—

P.C. 1287, dated 25th May, 1918,—Leave of absence for members of the force overseas.

P.C. 2213, dated 7th October, 1918,—Prohibiting members of the Royal Northwest Mounted Police from becoming associated with any trades union organization.

P.C. 3076, dated 12th December, 1918,—Increasing the force of the Northwest Mounted Police to its authorized strength of 1,200, etc.

P.C. 3175, dated 24th December, 1918,—Increased pay to non-commissioned officers and men of the Royal Northwest Mounted Police.

P.C. 159, dated 27th January, 1919,—Transfer of the control of the registration of alien enemies for the provinces of Manitoba, British Columbia, Saskatchewan, Alberta, and that part of Ontario in Military District No. 10. Presented by Hon. Mr. Rowell, February 28, 1919.. .. ..*Not printed.*

50. Copies of Orders in Council, as follows:—

P.C. 2206, dated 12th September, 1918,—Extension of scope of Department of Public Information.

P.C. 2208, dated 12th September, 1918,—Appointment of Dr. George H. Locke as Associate Director of Public Information. Presented by Hon. Mr. Rowell, February 26, 1919.. .. ..*Not printed.*

50*a*. Return to an Order of the House of the 24th March, 1919, for a return showing:—1. The duties of the Department of Public Information. 2. What publication it issues. 3. The annual cost of the department. 4. The names of the men employed, their former occupations and present salaries. 5. The number of newspaper men employed by the said department. Presented March 31, 1919.—*Mr. Pedlow*.. .. ..*Not printed.*

50*b*. Return to an Order of the House of the 19th March, 1919, for a return showing the names of all persons employed up to 1st March, 1919, in the Department of Public Information, the class of work each person is doing, the salary or wages paid, the living or other expenses paid, and the former occupation of each person, along with a statement showing what other work, if any, said person was employed in. Presented April 1, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

51. Copies of Orders in Council passed since last session of parliament in respect to emergency legislation, as follows:—

P.C. 1187, dated 18th May, 1918.—Requests War Trade Board to communicate with responsible persons with a view to increasing the production of pig-iron in Canada on the basis of a government guarantee for the purchase of the product for a series of years and to report.

P.C. 1507, dated 15th June, 1918,—Prohibits exportation of leather except under license.

P.C. 1525, dated 22nd June, 1918,—Authorizes War Trade Board to negotiate with a responsible company from British Columbia to be formed, to establish a blast furnace and manufacture pig-iron.

P.C. 1798, dated 27th July, 1918,—Approves regulations amending the regulations of the 15th March, 1918, respecting the price of coal and importation, etc, thereof, as to method of calculating overhead charges to determine the cost price of coal, etc.

P.C. 2022, dated 16th August, 1918,—Authorizes Fuel Controller to make regulations subject to the approval of the Governor General in Council governing the price of gasolene and fuel oil and the production, distribution, sale, etc., thereof, and to make any necessary investigation.

CONTENTS OF VOLUME 10—*Continued.*

P.C. 2095, dated 3rd September, 1918,—Empowers War Trade Board to control and regulate the production and distribution of iron and steel and the products thereof, and to make orders to increase the production thereof and if necessary to place government orders or give assistance subject to the approval of the Governor in Council

P.C. 2136, dated 3rd September, 1918,—Authorizes bounties on linen yarns spun in Canada from Canadian flax in the three years beginning 1st April, 1919, and ending 31st March, 1922

P.C. 2153, dated 5th September, 1918,—Further amends the Order in Council of the 11th June, 1917, creating and giving powers to the Board of Grain Supervisors.

P.C. 2370, dated 2nd October, 1918,—Approved regulations as to gasolene respecting permits to dealers and retail prices and prohibiting retail sale on Sunday.

P.C. 2483, dated 9th October, 1918,—Approves regulations and agreement submitted by Board of Grain Supervisors respecting chartering and marine insurance on grains until the close of navigation. Presented by Hon. Mr. Maclean, February 26, 1919.. .. .. .

CONTENTS OF VOLUME 10—*Continued.*

P.C. 2707, dated 6th November, 1918,—Rates of pay, R.C.N.S.
P.C. 2893, dated 23rd November, 1918,—Provisional allowance. Presented by Hon. Mr. Maclean, February 28, 1919.. .. .. .

CONTENTS OF VOLUME 10—*Continued.*

57. P.C. 2854, dated 20th November, 1918,—Persons composing Board of Directors of the Canadian Northern Railway Company to be from time to time also Board of Management of the Canadian Government Railways.

P.C. 2454, dated 4th October, 1918,—Purchase of balance of capital stock of the Canadian Northern Railway Company.

P.C. 2331, dated 23rd September, 1918,—Acquirement of the Toronto Suburban Railway Company and the Toronto Eastern Railway Company by the Directors of the Canadian Northern Railway Company.

P.C. 3182, dated 27th December, 1918,—Transfer of two wharves (ocean piers Nos. 2 and 3), at Ogden Point, Victoria, B.C., to the control of the Board of Directors of the Canadian Northern Railway.

P.C. 3122, dated 20th December, 1918,—Authorizing the use of the name "Canadian National Railways," in lieu of the names Canadian Northern Railway System and Canadian Government Railways.

P.C. 3120, dated 20th December, 1918,—Equipment requirements for the year 1919, covering the Canadian Northern Railway System and the Canadian Government Railways.

P.C. 3121, dated 20th December, 1918,—Authorizing the directors of the Canadian Northern Railway to incur expenditures for work urgently required on the Canadian Northern Railway or Government Railways System, not to exceed in all ten million dollars.

P.C. 2111, dated 30th August, 1918,—Acquiring branch lines in New Brunswick as feeders to the Government Railway System.

P.C. 182, dated 29th January, 1919,—Government wharf at Vancouver, B.C., removed from the control of the Vancouver Harbour Commissioners to that of the Department of Railways and Canada.

P.C. 1691, dated 5th July, 1918,—Loan to Canadian Northern Railway Company. Presented by Hon. Mr. Reid, February 28, 1919.. .. ..*Not printed.*

58. P.C. 117, dated 20th January, 1919,—Engineering data on the construction of the Quebec Bridge to be printed for distribution. Presented by Hon. Mr. Reid, February 28, 1919.. .. ..*Not printed.*

59. P.C. 1768, dated 16th July, 1918,—Wage increase on Canadian Railways; increase in freight rates on Canadian Railways. Presented by Hon. Mr. Reid, February 28, 1919. *Not printed.*

60. Report of the Canada Food Board, 1918. Presented by Hon. Mr. Crerar, February 28, 1919.. .. ..*Not printed.*

61. Regulations under "The Destructive Insect and Pest Act," pursuant to Section 9, Chapter 31 of 9-10 Edward VII. Presented by Hon. Mr. Crerar, February 28, 1919..*Not printed.*

62. Copy of the Judgment and Reasons of the Supreme Court of Canada in the case of George Edwin Gray, *Habeas Corpus* proceedings. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

63. P.C. 113, dated 17th January, 1919,—Prohibiting the import and export of Russian roubles. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

64. P.C. 3188, dated 14th January, 1919,—Repealing restrictions on issue of securities and shares. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

65. P.C. 3208, dated 2nd January, 1919,—Respecting credit to Imperial Government for purchase of timber in Canada. Presented by Sir Thomas White, February 28, 1919. *Not printed.*

66. P.C. 2355, dated 25th September, 1918,—Respecting the National War Savings Committee. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

67. P.C. 2740, dated 7th November, 1918,—Placing potatoes on free list. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

68. P.C. 2089, dated 24th August, 1918,—Prohibiting export of silver. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

69. P.C. 1354, dated 3rd June, 1918,—Prohibiting export of gold. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

70. P.C. 2001, dated 14th August, 1918,—Respecting undertaking with banks in connection with 1918 wheat crop. Presented by Sir Thomas White, February 28, 1918 .. ..

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73. P.C. 2823, dated 15th November, 1918,—Establishment of a sub-committee of Council, dealing with demobilization questions and industrial labour conditions. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

74. P.C. 2798, dated 15th November, 1918,—Establishing a Power Sub-Committee of the Cabinet. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

75. P.C. 2734, dated 7th November, 1918,—Establishing the Canadian Trade Mission in London. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

76. P.C. 2270, dated 16th September, 1919,—Establishment of "The Paper Control Tribunal."
P.C. 2310, dated 19th September, 1918,—Appointment of three judges to be members of "The Paper Control Tribunal."
P.C. 2581, dated 19th October, 1918,—Licenses for export of paper. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

76a. Copies of Orders in Council respecting the quantity and price of newsprint to be furnished by the manufacturers to the publishers in Canada, from the 7th February, 1917, to 11th November, 1918, inclusive. Presented by Sir Thomas White, July 3, 1919.. .. ..*Not printed*

77. P.C. 1222, dated 18th May, 1918,—Amalgamating and combining the Department of Customs and Inland Revenue. Presented by Sir Thomas White, February 28, 1919. *Not printed.*

78. And also,—Copy of Mr. Justice Hodgins' Report on the *Northland* inquiry. Presented by Sir Thomas White, February 28, 1919.. .. ..*Not printed.*

79. P.C. 968, dated 25th May, 1918,—Regulations *re* Documents to be carried.
P.C. 1325, dated 29th May, 1918,—Reward for apprehension of deserters.
P.C. 1305, dated 5th June, 1918,—Control of Dominion Police Force transferred to Department of Militia and Defence. Remuneration of members and establishment of Force.
P.C. 1459, dated 12th June, 1918,—Natives of India of unmixed Asiatic descent and their descendants exempt from military service.
P.C. 1490, dated 15th June, 1918,—Amendment to Section 1, Paragraph (a) of 30th April, 1918,—Documents to be carried.
P.C. 1567, dated 22nd June, 1918,—Amendments to Sections 4 and 5, P.C. 919, 20th April, 1918. Cancelling exemption to all members of Class 1 who at the date of the claim for exemption made by or on their behalf gave their ages as 20, 21 or 22.
P.C. 1697, dated 5th July, 1918,—Men whose exemptions were cancelled by virtue of P.C. 919 of 20th April, 1918, to be dealt with as provided by that Order in Council, notwithstanding judgment of Supreme Court of Alberta.
P.C. 1647, dated 12th July, 1918,—Regulation *re* issue of temporary exemption certificate.
P.C. 1795, dated 17th July, 1918,—Hearing by Supreme Court of case of George Edwin Gray.
P.C. 1850, dated 27th July, 1918,—Regulation *re* discharge of members of C.E.F. to R.F.C. and R.A.F.
P.C. 1851, dated 27th July, 1918,—Regulation *re* duties of man who becomes resident of Canada after class of which he is a member has been called out.
P.C. 1931, dated 1st August, 1918,—Draft Proclamation *re* amnesty to deserters and defaulters.
P.C. 1906, dated 5th August, 1918,—Penalty for employing, concealing or assisting deserter or absentee without leave, Section 106, Regulations amended.
P.C. 1907, dated 5th August, 1918,—American Convention enforced from July 30, 1918.
P.C. 1953, dated 10th August, 1918,—Regulations *re* 100,000 limit.
P.C. 2044, dated 20th August, 1918,—Regulations of American Convention.
P.C. 2017, dated 3rd September, 1918,—Provision for certain British subjects who are also subjects of Neutral State making declaration of alienage during war. Regulation 11 amended.
P.C. 2138, dated 5th September, 1918,—Regulation amending clause "C," Section 1 of P.C. 1013 of April 30, 1918, in so far as the Provinces of Manitoba, Saskatchewan and Alberta are concerned.
P.C. 2242, dated 13th September, 1918,—Penalty for giving false or misleading information on questionnaire and for failure to return questionnaire within the prescribed time. Section 93 Regulations amended.
P.C. 2243, dated 13th September, 1918,—Penalty for attempting to bribe any person connected with administration of Act.
P.C. 2252, dated 13th September, 1918,—Additional powers conferred on the Chief Commissioner of Dominion Police.

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CONTENTS OF VOLUME 10—*Continued.*

P.C. 2122, dated 19th September, 1918,—Documents to be carried (P.C. 1013 of the 30th April, 1918, P.C. 1226, of the 20th May, 1918, and P.C. 1490 of the 15th June, 1918, amended).

P.C. 2320, dated 19th September, 1918,—Powers conferred on the Chief Commissioner of Dominion Police (P.C. 1852, 27th July, 1918, amended).

P.C. 2410, dated 28th September, 1918,—Regulation *re* extension of time for laying a complaint for an offence punishable on summary conviction under the authority of the War Measures Act, 1914.

P.C. 2452, dated 4th October, 1918,—Order to report for medical examination (Section 1, paragraph "m" Regulations amended).

P.C. 2453, dated 4th October, 1918,—Sections 81, 82, 106 Regulations amended.

P.C. 2517, dated 11th October, 1918,—Regulations *re* change of occupation during winter months.

P.C. 2492, dated 12th October, 1918,—Penalty for concealing or assisting deserter or absentee without leave (Regulation 106 amended).

P.C. 2553, dated 17th October, 1918,—The issue under the signature of the Central Appeal Judge or the Clerk to the Central Appeal Judge or the Judge of any Appeal Tribunal of certified copies or certificate as to records, proceedings or decisions in their respective offices and such copies or certificate shall be receivable in evidence.

P.C. 2585, dated 23rd October, 1918,—In case of man who fails to report for duty or for medical examination as ordered by Registrar, certificate of Registrar to be accepted as evidence. P.C. 3168, 9th November, 1917, amended.

P.C. 2586, dated 23rd October, 1918,—Regulation *re* person who fails to report to the Registrar as required by P.C. 919 of 20th April, 1918, or by the Proclamation of 6th May, 1918, shall be deemed to be a soldier absent without leave from midnight of the last day limited for reporting.

P.C. 2587, dated 23rd October, 1918,—Duty of employer to give certain information. Penalty for failure. P.C. 510, 2nd March, 1918, amended.

P.C. 2588, dated 23rd October, 1918,—Registrar empowered to determine any application for renewal of exemption.

P.C. 2622, dated 25th October, 1918,—Regulations *re* Mennonites and Doukhobors.

P.C. 2631, dated 26th October, 1918,—Franking privilege extended to the Clerk of the Central Appeal Judge.

P.C. 2632, dated 26th October, 1918,—Penalty for failure to attend to medical examination. Section 104 Regulations amended.

P.C. 2658, dated 30th October, 1918,—Regulations *re* discharge from C.E.F. to R.F.C. and R.A.F. P.C. 1850, 27th July, 1918, amended.

P.C. 2694, dated 2nd November, 1918,—Regulations *re* identification of persons excepted from Military Service, etc.

P.C. 2828, dated 15th November, 1918,—Rescinding Order in Council, P.C. 1433, dated 24th May, 1917, *re* exodus from Canada of persons likely to be affected by the Military Service Act.

P.C. 3051, dated 11th December, 1918,—Discharge of men belonging to Class 1 who could not be usefully employed in the C.E.F. by reason of low category.

P.C. 3090, dated 16th December, 1918,—Proceedings in relation to applications for exemption to be suspended during the armistice.

P.C. 3107, dated 17th December, 1918,—Regulations *re* transfer of prisoners from one prison to another when accommodation is not sufficient.

P.C. 3211, dated 2nd January, 1919,—Regulations *re* procedure against deserters and persons absent from Military Service without leave, amended.

P.C. 101, dated 16th January, 1919,—Regulations *re* failing to report for duty. Certificate of Registrar to be accepted as evidence.

P.C. 102, dated 16th January, 1919,—Regulations *re* reward for apprehension of deserters.

P.C. 293, dated 12th February, 1919,—Prosecutions under Section 16, Sub-section of the Military Service Act, 1917. Consent of Minister of Justice, etc.

P.C. 314, dated 12th February, 1919.—Regulations *re* deserters and absentees without leave may be delivered into military custody. Trial of such persons. Presented by Hon. Mr. Meighen, February 28, 1919.. .. ..*Not printed.*

79*a*. Copies of Orders in Council in respect to Militia and Defence and the Canadian Expeditionary Forces. Presented by Hon. Mr. Mewburn, March 4, 1919.. .. .. ..*Not printed.*

80. Copy of a General Order of the Supreme Court, adopted on the 8th October, 1918, amending certain Rules of the Supreme Court of Canada. Presented by Hon. Mr. Meighen, February 28, 1919.. .. ..*Not printed.*

81. Copy of a Parliamentary Paper (C.D. 9212) containing the conditions of the Armistice with Germany, received by His Excellency the Governor General from the Secretary of State for the Colonies, together with a copy of a telegram from His Majesty's Ambassador at Paris, on the subject of the extension of the Armistice with Germany. Presented by Hon. Mr. Rowell, February 28, 1919.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

81*a*. *Also,*—Copy of the terms of the Armistice with Turkey and of the Armistice with Austria-Hungary, received by His Excellency the Governor General from the Secretary of State for the Colonies. Presented by Hon. Mr. Rowell, February 28, 1919. *Not printed.*

81*b*. Copy of a letter from the Secretary of State for the Colonies, to His Excellency the Governor General, of the 25th of February, 1919, transmitting copies of the Convention signed on the 16th January, 1919, prolonging the Armistice with Germany, together with copies of the Financial Protocol of the 13th of December, 1918. Presented by Hon. Mr. Rowell, March 18, 1919.. .. ..*Not printed.*

81*c*. Copy of a pamphlet received from the Secretary of State for the Colonies, intituled: "Terms of the Armistice concluded between the allied Governments and the Governments of Germany, Austria-Hungary and Turkey. Presented by Hon. Mr. Rowell, May 5, 1919.. .. ..*Not printed.*

82. Statement of Wharfage Collections for the fiscal year 1917-18, in accordance with the provisions of Chapter 112, Section 14, Revised Statutes, 1906. Presented by Hon. Mr. Maclean, February 28, 1919.. .. ..*Not printed.*

83. Statement of Superannuation and Retiring Allowances in the Civil Service during the year ending 31st December, 1918, showing name, rank, salary, service allowance and cause of retirement of each person superannuated or retired, also whether vacancy has been filled by promotion, or by appointment, and the salary of any new appointee. Presented by Sir Thomas White, March 3, 1919.. .. ..*Not printed.*

84. Statement in pursuance of Section 17 of the Civil Service Insurance Act, for the year ending March 31, 1918. Presented by Sir Thomas White, March 3, 1919. ..*Not printed.*

85. Statement of Governor General's Warrants issued since the last Session of Parliament on account of 1918-19. Presented by Sir Thomas White, March 3, 1919..*Not printed.*

86. Statement of the Receipts and Expenditures of the Royal Society of Canada, for the year ended April 30, 1918. Presented by Sir Thomas White, March 3, 1919. *Not printed.*

87. Statement of Receipts and Expenditures of the National Battlefields Commission to 31st March, 1918. Presented by Sir Thomas White, March 3, 1919.. .. ..*Not printed.*

88. Statements of Expenditure on account of "Miscellaneous Unforeseen Expenses," from the 1st April, 1918, to the 21st February, 1919, in accordance with the Appropriation Act of 1918. Presented by Sir Thomas White, March 3, 1919.. .. ..*Not printed.*

89. Statement of Temporary Loans issued by the Government of Canada since the last Session of Parliament still outstanding. Presented by Sir Thomas White, March 3, 1919.. .. ..*Not printed.*

90. Report of the Ottawa Improvement Commission for the fiscal year ended March 31, 1918, including a summary of the receipts and expenditures from its inception in August, 1899, to March 31, 1918. Presented by Sir Thomas White, March 3, 1919...*Not printed.*

91. Statement of Treasury Board over-ruling, under Section 44, Consolidated Revenue and Audit Act. Presented by Sir Thomas White, March 3, 1919.. .. ..*Not printed.*

92. P.C. 1743, dated 11th July, 1918,—Declaring principles and policies *re* industrial disputes and urging their adoption upon employers and employees for the duration of the war.

P.C. 2195, dated 12th September, 1918,—*Re* Employment Offices Co-ordination Act. Submitting form of agreement to be entered into with the provinces.

P.C. 2333, dated 23rd September, 1918,—*Re* Canada Registration Board. Requiring certain returns from employers.

P.C. 2461, dated 4th October, 1918,—*Re* Cost of Living. Rescinding previous Orders owing to certain defects therein and making regulations.

P.C. 2525, dated 11th October, 1918,—*Re* Industrial Disputes Investigation Act. Prohibition of strikes in war industries.

P.C. 2808, dated 19th November, 1918,—Repealing Order in Council No. 2525.

P.C. 3069, dated 11th December, 1918,—*Re* Cost of Living. Rescinding Order in Council No. 2461 and making regulations.

P.C. 3111, dated 17th December, 1918,—*Re* Employment Offices Co-ordination Act. Providing regulations thereunder.

P.C. 3171, dated 24th December, 1918,—*Re* Employment Offices Co-ordination Act. Providing for establishment and maintenance of certain employment bureaus.

P.C. 17, dated 6th January, 1919,—*Re* Employment Offices Co-ordination Act. Making regulations as to employment returns.

P.C. 39, dated 11th January, 1919,—Employment offices Co-ordination Act. Providing for cost of maintenance of certain employment offices from War Appropriation. Presented by Hon. Mr. Maclean, March 3, 1919.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

93. Copy of a cable (in extended form) received by His Excellency the Governor General from the Secretary of State for the Colonies on February 14, 1919, giving a summary of the League of Nations Covenant presented to the Peace Conference by the League of Nations Commission. Presented by Hon. Mr. Rowell, March 3, 1919. *Not printed.*

93*a*. Copy of a letter received by His Excellency the Governor General from the Secretary of State for the Colonies, dated February 28, 1919, with accompanying printed copies of the draft League of Nations Covenant. Presented by Hon. Mr. Rowell, March 24, 1914.. .. ..*Printed for distribution and sessional papers.*

93*b*. Copy of the revised draft of the League of Nations Covenant, as approved by the Peace Conference in plenary session on April 28, 1919. Presented by Hon. Mr. Rowell, May 5, 1919.. .. ..*Printed for distribution and sessional papers.*

94. Order in Council, dated 5th November, 1918, with regard to remissions made under Section 88 of The Indian Act, Chapter 81, R.S.C. 1906. Presented by Hon. Mr. Meighen, March 4, 1919.. .. ..*Not printed.*

95. P.C. 2860, 20th November, 1918, providing for the issue of supplementary letters patent in favour of the present owners of certain lands, conveying the right to the clay which may be found therein.

P.C. 2827, 20th November, 1918, providing that the pre-emption entry of Omer Lethiecq be cancelled and sold to his wife, he having been sentenced to serve 12 years in the Prince Albert penitentiary.

P.C. 2842, 20th November, 1918, ordering that further residence by Ben Henry, holding homestead and pre-emption entries for certain Dominion Lands, be dispensed with owing to his ill-health and consequent inability to perform further residence duties.

P.C. 2841, 20th November, 1918, ordering that further residence on the part of Lucy Knott, an entrant under a South African Volunteer Scrip grant, be dispensed with as she is unable to perform further residence owing to ill-health.

P.C. 2941, 29th November, 1918, providing for the confirmation of an exchange of lands with the Hudson's Bay Company, and granting the land so exchanged to Sam Doubuch (Dowbuch) upon certain terms and conditions.

P.C. 42-2993, 3rd December, 1918, setting apart and appropriating certain land for cemetery purposes and authorizing a grant thereof for the said purposes.

P.C. 43-2993, 3rd December, 1918, setting apart and appropriating certain land for church purposes, and authorizing a grant thereof.

P.C. 3102, 17th December, 1918, transferring control of certain land to the Royal Northwest Mounted Police.

P.C. 3103, 17th December, 1918, providing for the issue of patent to Samuel Ingram in lieu of land surrendered by Mr. Ingram, which is unsuitable for agricultural development and has been reserved for inclusion in a forest reserve.

P.C. 3115, 21st December, 1918, ordering that title to certain Dominion Lands be vested in George F. Green in lieu of land surrendered by Mr. Green, which has been recommended for inclusion in a forest reserve.

P.C. 3192, 27th December, 1918, providing for the leasing of a tract of land to a company cutting clay which has been found to be suitable for use in connection with the manufacture of cement.

P.C. 31-27, 7th January, 1919, rescinding an Order in Council of the 15th February, 1911, and setting apart certain land in the Province of Alberta for exhibition grounds and experimental station purposes, and authorizing a grant thereof.

P.C. 38-27, 7th January, 1919, authorizing a grant of land to the Synod of the Diocese of Athabasca.

P.C. 3200, 14th January, 1919, making regulations for the drainage of Dominion Lands in the Provinces of Alberta and Saskatchewan.

P.C. 134, 20th January, 1919, providing for the issue of a permit to a company to remove earth for the purpose of filling in a trestle, and the payment of a royalty therefor.

P.C. 2459, 7th October, 1918, recommending that further residence duties be waived and authority given for the issue of patents for Dominion Lands in the case of John S. Reid, permanently disabled through illness.

P.C. 2460, 7th October, 1918, authorizing the issue of a license of occupation for the bed of the Peace River at a certain place, in favour of the Edmonton-Dunvegan and British Columbia Railway Company.

P.C. 2484, 9th October, 1918, authorizing the issue of a license of occupation for a portion of the bed of the Assiniboine River in favour of the Canadian Northern Railway Company.

P.C. 2557, 19th October, 1918, ordering that the land covered by a certain road be transferred to the Crown in the right of the Province of Manitoba.

P.C. 2583, 23rd October, 1918, authorizing a free grant of land to Thomas Gladu by virtue of occupancy thereof at the date of the extinguishment of the Indian title.

CONTENTS OF VOLUME 10—*Continued.*

P.C. 2623, 25th October, 1918, authorizing a free grant of land to Peter Loutit, the Elder, by virtue of occupation thereof at the date of the extinguishment of the Indian title.

P.C. 2642, 26th October, 1918, setting apart and expropriating certain Dominion Lands for church purposes, and authorizing a grant thereof to the Russo-Greek Orthodox Parish of Torpontz.

P.C. 2659, 30th October, 1918, ordering that cerain lands be set apart for Soldier Settlement under certain conditions.

P.C. 2678, 2nd November, 1918, providing that the residence requirements of the Dominion Lands Act be dispensed with in connection with the homestead entry ot George Young, who is unable through illness to complete the requirements.

P.C. 2703, 7th November, 1918, making regulations in reference to the issue of homestead entry to citizens of the United States who are unable to become naturalized.

P.C. 2780, 13th November, 1918, ordering certain land to be withdrawn from a reserve for stock-watering purposes.

P.C. 1911, 5th August, 1918, providing for the exchange of certain lands and a grant of land to Thomas William Ripper, who had made a homestead entry on the Hudson's Bay Lands, the said Hudson's Bay Company having surrendered the land covered by Mr. Ripper's entry, and the granting to the Hudson's Bay Company of certain other land in lieu thereof.

P.C. 1912, 5th August, 1918, confirming an exchange of lands with Mr. Arthur Hitchcock, and authorizing the issue of letters patent in favour of Mr. Hitchcock for certain Dominion Lands exchanged with him.

P.C. 1922, 5th August, 1918, authorizing the Department of the Interior to enter into grazing or other similar leases covering land reserved for the use of the Department of Militia and Defence under certain conditions.

P.C. 6-1992, 17th August, 1918, authorizing a grant of certain Dominion Lands for church and cemetery purposes.

P.C. 2045, 22nd August, 1918, ordering that certain lands be withdrawn from the operation of the Dominion Lands Act, and be set apart as an Indian Reserve.

P.C. 2088, 27th August, 1918, authorizing the Minister to dispense with the performance of residence requirements under the Dominion Lands Act, and the issue of letters patent in favour of William Marshall Vance, a homesteader who had both feet frozen, necessitating amputation .

P.C. 2159, 6th September, 1918, ordering that certain Dominion Lands at Port Smith Settlement be set apart for the use of the Department of Indian Affairs under certain conditions.

P.C. 56-2207, 12th September, 1918, authorizing a grant of certain Dominion Lands in the Province of Saskatchewan for such purposes.

P.C. 2283, 19th September, 1918, rescinding Clause 12 of the regulations governing the granting of yearly licenses and permits to cut timber on Dominion Lands and substituting another Clause therefor, and rescinding Sub-clause (c) of Clause 17. and substituting another therefor, making an amendment to Sub-clause (m) of Clause 17, and making an amendment of Sub-clause 41.

P.C. 2302, 19th September. 1918, recommending that certain lands shall be withdrawn from the operation of the Dominion Lands Act, and set apart for the Indians in the Province of British Columbia.

P.C. 2303, 21st September, 1918, ordering that Section 1 of the Coal Mining Regulations, established by Order in Council dated 20th April, 1910, and amendments thereto be rescinded and a new Section substituted therefor, and made to apply to all coal mining leases already issued, and ordering that the maximum charge specified in the above section shall be increased and made to apply to coal mining rights already disposed of, and ordering that Section 24 of the said regulations be rescinded, and a new section substituted therefor, and ordering a further provision to be inserted, as to the methods for the conservation and recovery of coal, and ordering that a further provision be inserted to create educational facilities in certain cases.

P.C. 2371, 25th September, 1918, providing for the transfer of certain Dominion Lands to the School Lands Endowment Fund, and that lands previously included in the School Lands Endowment Fund be granted to the Town of Drumheller for park purposes.

P.C. 26-2427. 28th September, 1918, setting apart and appropriating certain Dominion Lands for church purposes in the Province of Alberta.

P.C. 2399, 30th September, 1918, ordering that certain lands be wtihdrawn from the operation of the Dominion Lands Act, and set apart for the Indians in the Province of Saskatchewan.

P.C. 1516, 20th June, 1918, granting a lease of coal mining rights under certain lands to the Cadomin Coal Company, Limited.

P.C. 1510, 20th June, 1918, authorizing the Minister of the Interior to sell certain Dominion Lands to Edmund Thompson for reclamation purposes, and to enter into an agreement with the said Edmund Thompson in connection therewith as representatives of His Majesty King George the Fifth.

CONTENTS OF VOLUME 10—*Continued.*

P.C. 1515, 20th June, 1918, authorizing the issue of a free patent of Dominion Lands to Mrs. Flossie Fitzgerald, who has been deserted by her husband, a homestead entrant, she being totally unfit to fulfil the residence requirements.

P.C. 1511, 20th June, 1918, authorizing Miss Margaret Reith to make entries by proxy on behalf of her nephews, W. J. F. Reith, and J. W. Reith, overseas with the Canadian Expeditionary Force.

P.C. 1586, 28th June, 1918, relieving Mr. George Ross from the performance of any further residence duties on his homestead, and authorizing the issue of a free patent to him under certain conditions, he having been admitted to the House for Incurables at Portage la Prairie, Manitoba.

P.C. 1621, 2nd July, 1918, making regulations in connection with the Soldier Settlement Regulations.

P.C. 1658, 6th July, 1918, withdrawing certain Dominion Lands from the Doukhobor Reserves to be dealt with by the Minister of the Interior, subject to certain regulations.

P.C. 1806, 19th July, 1918, ordering title to certain Dominion Lands to be vested in His Majesty King George the Fifth, as represented by the Minister of Public Works for the Province of Alberta.

P.C. 1807, 19th July, 1918, ordering that a certain parcel of Dominion Lands be transferred to the Department of Public Works.

P.C. 1820, 20th July, 1918, authorizing the Minister of the Interior to issue a license of occupation to the Canadian Northern Railway for a certain portion of the Oldman river bed.

P.C. 1819, 25th July, 1918, ordering that a certain parcel of Dominion Lands be transferred to the Department of Indian Affairs for a cemetery.

P.C. 1822, 25th July, 1918, authorizing the Minister to grant the sale of certain Dominion Lands to Mr. William Armstrong as a mill site.

P.C. 1830, 25th July, 1918, authorizing the Minister to grant permits for free grazing privileges for reindeer in a certain area in the Northwest Territories.

P.C. 1828, 25th July, 1918, authorizing a free grant of certain Dominion Lands to J. I. McLean, by virtue of his occupation of the land at the date of the extinguishment of the Indian title.

P.C. 1827, 25th July, 1918, providing the authorization of an exchange of certain lands with the Canadian Pacific Railway Company, the company releasing certain lands to be applied for the purposes of an extension to the Stony Indian Reserve, and certain other Dominion lands being granted to the company, the difference in area being credited to the company's land grant.

P.C. 1823, 25th July, 1918, providing for the disposal of certain lots in a subdivision near the station of Badger on the Canadian Northern Railway under certain conditions, which land had been squatted on by certain persons.

P.C. 1910, 5th August, 1918, ordering that a certain road be transferred to the Crown in the right of the Province of Manitoba.

P.C. 873, 13th April, 1918, authorizing a free grant of Dominion Lands to Mr. William Robert Smith by virtue of his occupation of the land at the date of the extinguishment of the Indian title.

P.C. 1012, 30th April, 1918, ordering that Order in Council of the 22nd October, 1901, be rescinded and that certain lands be transferred to the control of the Department of the Interior, and made available for disposal in accordance with the provisions of the Dominion Lands Act.

P. C. 1053, 1st May, 1918, making regulations for the protection of game in the Northwest Territories.

P.C. 1003, 1st May, 1918, giving the Minister of the Interior authority to sell certain land to Clay Armstrong, subject to certain conditions, for the purposes of reclamation.

P.C. 1062, 3rd May, 1918, authorizing a free grant of Dominion Lands to the Rural Municipality of Biggar, No. 347, in the Province of Saskatchewan, for cemetery purposes.

P.C. 1002, 7th May, 1918, authorizing the Minister to lease certain Dominion Lands to the Western Canada Collieries Limited, to be used only in connection with the mining operations of the said Company.

P.C. 1088, 7th May, 1918, authorizing the Minister to arrange for certain sales of School Lands at certain points in the Province of Saskatchewan.

P.C. 1004, 7th May, 1918, making certain regulations to be observed by persons wishing to use fire for clearing land in certain districts.

P.C. 1100, 10th May, 1918, setting apart certain lands in the Province of Alberta, and authorizing a grant thereof to the Knoll Cemetery Company.

P.C. 1190, 17th May, 1918, authorizing a grant of Dominion Lands in the Province of Alberta to the Bishop of Mackenzie River, by virtue of his occupation of the land at the date of the extinguishment of the Indian title.

P.C. 1244, 22nd May, 1918, recommending that the residence requirements of the Dominion Lands Act be dispensed with in the case of Charles Blanchard, who was severely burned and badly frost bitten.

CONTENTS OF VOLUME 10—*Continued.*

P.C. 1268, 25th May, 1918, providing a transfer of certain Dominion Lands to the Crown in the right of the Province of Manitoba.

P.C. 1298, 26th May, 1918, ordering that certain parcels of swamp lands, which were re-transferred to the Dominion of Canada under the provisions of Subsection 2 of Section 5, of the Manitoba Boundaries Extensions Act, be released to His Majesty King George the Fifth for the purposes of the Province of Manitoba.

P.C. 1230, 20th May, 1918, amending regulations for the disposal of petroleum and natural gas rights approved by Order in Council of the 19th of January, 1914.

P.C. 1263, 3rd June, 1918, enacted certain regulations in order to remove doubts which have arisen as to the validity of previous regulations.

P.C. 1101, 3rd June, 1918, ordering the rescinding of Section 27 of the regulations, established by Order in Council of 1st July, 1898, and substituting others therefor.

P.C. 1443, 12th June, 1918, authorizing a free grant of Dominion Lands to Alexander Kennedy by virtue of his occupation of the land at the date of the extinguishment of the Indian title.

P.C. 1480, 17th June, 1918, authorizing the Minister of the Interior to execute an agreement on behalf of His Majesty the King with the Canada Land and Irrigation Company, Limited, in substitution for a previous agreement made on the 31st September, 1914.

Not printed.

95. Return of Orders in Council which have been published in the *Canada Gazette*, between 16th March, 1918, and the 20th January, 1919, in accordance with the provisions of Section 77 of "The Dominion Lands Act," Chapter 20, 7-8 Edward VII, as follows:—

P.C. 60, 16th March, 1918, ordering that no royalty shall be levied or collected by the Crown on coal mined in the Yukon Territory for a period of five years from the 7th day of April, 1918.

P.C. 655, 16th March, 1918, ordering Order in Council of December 18, 1897, cancelled, and dividing the Northwest Territory into three provisional districts, Mackenzie, Keewatin and Franklin, according to the description and map annexed.

P.C. 651, 16th March, 1918, making regulations withdrawing pre-emption entry on Dominion Lands as provided by Section 27 of the Dominion Lands Act, Chapter 20, of 1908, and withdrawing the privilege of purchased homestead entry provided by Section 28 of the said Act, except in the case of land reserved for pre-emption entry for a homesteader on active service, and where notice has been issued to a person allowing him a specified time for securing his pre-emption.

P.C. 662, 16th March, 1918, ordering that certain lands be sold to General Turner at the rate of $1 per acre.

P.C. 705, 22nd March, 1918, providing that the area included within a certain right of way be transferred back to the Department of the Interior by the Department of Militia and Defence for sale to the Canadian Pacific Railway Company under certain conditions.

P.C. 751, 27th March, 1918, providing that further residence requirements be dispensed with in the case of Mr. Earle, a veteran of the South African War.

P.C. 813, 4th April, 1918, authorizing the Minister of the Interior to transfer certain lands from His Majesty King George the Fifth as represented by the Minister of the Interior to His Majesty as represented by the Minister of Public Works for the Province of Alberta.

P.C. 843, 5th April, 1918, providing that residence requirements under the Dominion Lands Act be dispensed with in the case of Harry H. Holmes, who had a considerable part of both his feet amputated.

P.C. 47-768, 5th April, 1918, providing that residence requirements of the Dominion Lands Act be dispensed with in the case of Ole Halsten owing to the physical infirmity of the entrant.

P.C. 48-768, 5th April, 1918, setting apart certain land for cemetery purposes in the Province of Saskatchewan.

P.C. 49-768, 5th April, 1918, dispensing with residence requirements of the Dominion Lands Act in the case of Mr. O. E. Senay, who is physically unfit to continue the performance of his residence duties.

P.C. 62-865, 10th April, 1918, authorizing a free grant to Mr. Robert Jones by virtue of his occupation of the land at the date of the extinguishment of the Indian title.

P.C. 61-865, 10th April, 1918, setting apart certain Dominion Lands for church and cemetery purposes in the Province of Saskatchewan; authorizing a grant to "La Corporation Episcopale Catholique Romaine de Regina."

P.C. 63-865, 10th April, 1918, authorizing a free grant of Dominion Lands to Mr. Benjamin Charles by virtue of his occupation of the said land at the date of the extinguishment of the Indian title.

P.C. 844, 10th April, 1918, authorizing the issue of patent to Mr. J. E. Ingram of certain Dominion Lands in exchange for other land owned by Mr. Ingram.

P.C. 842, 10th April, 1918, authorizing the Minister to have auction sales of School Lands held at certain points. Presented by Hon. Mr. Meighen, March 4, 1919.

Not printed.

CONTENTS OF VOLUME 10—*Continued.*

96. Return of Orders in Council which have been published in the *Canada Gazette,* between the 16th March, 1918, and the 20th January, 1919, in accordance with the provisions of Chapter 47, 2 George V, entitled "The Railway Belt Water Act," as follows:—

P.C. 1296, 6th June, 1918,—Making regulations called Water-lands regulations, effective for disposing of and administering Dominion Lands within the Railway Belt required for the development of water-power, etc.

P.C. 1464, 17th June, 1918,—Recommending certain lands situated in the Railway Belt near Ashcroft be sold to William Henry Hammond on certain conditions. Presented by Hon. Mr. Meighen, March 4, 1919.. .. ..*Not printed.*

97. Return of Orders in Council which have been published in the *Canada Gazette* and in the British Columbia *Gazette*, between 16th March, 1918, and the 20th January, 1919, in accordance with provisions of Subsection (*d*) of Section 38 of the regulations for the survey, administration, disposal and management of Dominion Lands within the 40-mile Railway Belt in the Province of British Columbia, as follows:—

P.C. 896, 12th April, 1918, ordering that the regulations be amended to provide for the leasing of unpatended Dominion Lands within the said Belt (a) where the entrant is on active service, etc.; (b) engaged in some work of national importance, and (c) deceased or insane.

P.C. 908, 22nd April, 1918, amending the regulations to provide that holders of homestead entries, employed as farm labourers, may be allowed the period of such employment as part of period of residence, subject to certain conditions.

P.C. 1509, 22nd June, 1918, amending the regulations by rescinding Section 9, and substituting a new section therefor, defining "highways" and authorizing the Province of British Columbia to construct certain roads, etc.

P.C. 1805, 19th July, 1918, making regulations for the granting of free entries on Dominion Lands in the Railway Belt to settlers under the authority of the Soldiers Settlement Act, 1917.

P.C. 1913, 5th August, 1918, amending Clause 41 of the regulations governing the granting of licenses and permits to cut timber to provide certain conditions for the holders of portable saw mill berths.

P.C. 1997, 14th August, 1918, providing that the title to certain lands described there be vested in His Majesty King George the Fifth for the purposes of the Province of British Columbia.

P.C. 2156, 6th September, 1918, providing that certain lands be vested in His Majesty King George the Fifth for the purposes of the Province of British Columbia.

P.C. 2157, 6th September, 1918, providing that certain lands be vested in His Majesty King George the Fifth for the purposes of the Province of British Columbia.

P.C. 2544, 17th October, 1918, withdrawing certain lands from the operations of the Order in Council of the 17th September, 1889, P.C. 2169. Presented by Hon. Mr Meighen, March 4, 1919... .. ..*Not Printed.*

98. Orders in Council passed under the provisions of Chapter 18, 7-8 George V,—"The Migratory Birds Convention Act." Presented by Hon. Mr. Meighen, March 4, 1919. *Not printed.*

99. Orders in Council which have been published in the *Canada Gazette,* between the 16th March, 1918, and the 20th January, 1919, in accordance with the provisions of Section 19, of Chapter 10, 1-2 George V,—"The Forest Reserves and Parks Act," as follows:—

P.C. 739, 26th March, 1918, authorizing the Minister to accept the surrender of certain lands from the Canadian Pacific Railway.

P.C. 675, 26th March, 1918, amending regulations for Dominion Forest Reserves established by Orders in Council of 8th August, 1913, 24th September, 1913, and 20th April, 1916.

P.C. 1188, 17th March, 1918, rescinding Order in Council of October 31, 1916, and granting certain land to the Canadian Pacific Railway, subject to certain conditions.

P.C. 1821, 25th July, 1918, granting authority to the Minister to issue domestic fishing permits for certain regulations during the years 1918, 1919, and 1920.

P.C. 2817, 15th November, 1918, granting the corporation of the Town of Wainwright, Alberta, a renewal of the rights granted by Order in Council of the 20th March, 1914, for a period of two years from the 1st of May, 1918. Presented by Hon. Mr. Meighen, March 4, 1919... .. ..*Not printed.*

100. Copies of Orders in Council which have been published in the *Canada Gazette* between the 5th April, 1918, and the 20th February, 1919, in accordance with provisions of Section 8, Subsection 2 of Chapter 21, 7-8 George V, "The Soldiers Settlement Act." Presented by Hon. Mr. Meighen, March 4, 1919.. .. ..*Not printed.*

100*a*. Copy of Order in Council, P.C. 925, dated 3rd May, 1919: Issue of "Attestation" papers to soldier applicants for lands under the Regulations of the Soldier Settlement Board. Presented by Hon. Mr. Calder, May 27, 1919.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

101. First Annual Report with Appendices, of The Historical Documents Publication Board. Presented by Hon. Mr. Rowell, March 4, 1919.. .. ..*Not printed.*

102. Final Report of the International Joint Commission, on the Pollution of Boundary Waters Reference. Presented by Hon. Mr. Rowell, March 4, 1919.. .. ..*Not printed.*

103. Copies of Orders in Council affecting the increases and allowances of the Civil Service of Canada. Presented by Hon. Mr. Maclean, March 4, 1919.. .. ..*Not printed.*

104. Report of the Royal Commission appointed to inquire into and report upon conditions in the Pilotage Districts of Miramichi, Sydney, Louisburg, Halifax, St. John, Montreal and Quebec, and to recommend, if necessary, any change found desirable. Presented by Hon. Mr. Maclean, March 4, 1919.
Printed for distribution to Senators and Members, and sessional papers.

105. Report of the Royal Commission appointed to inquire into and report upon the conditions in the Pilotage Districts of Vancouver, Victoria, Nanaimo and New Westminster, and to recommend, if necessary, any change found desirable therein. Presented by Hon. Mr. Maclean, March 4, 1919.
Printed for distribution to Senators and Members, and sessional papers.

106. Memorandum from the Canadian Trade Commission giving a list of the British Import Restrictions. Presented by Hon. Mr. Maclean, March 4, 1919.. .. .. ..*Not printed.*

107. Certified copy of agreement between the St. Martin's Railway Company and His Majesty the King. Presented by Hon. Mr. Reid, March 4, 1919. .. ..*Not printed.*

108. Certified copy of agreement between the York and Carleton Railway Company and His Majesty the King. Presented by Hon. Mr. Reid, March 4, 1919.. .. .. ..*Not printed.*

109. Copies of Orders in Council affecting the Civil Service Commission. Presented by Hon. Mr. Burrell, March 4, 1919.. .. ..*Not printed.*

109*a*. Regulations of the Civil Service Commission, approved by His Excellency the Governor General in Council on the 21st December, 1918. Presented by Hon. Mr. Burrell, April 7, 1919.. .. ..*Not printed.*

110. Correspondence relating to the resignation of Mr. F. B. McCurdy, M.P., as Parliamentary Secretary of the Department of Soldiers Civil Re-establishment and Chairman of the Invalided Soldiers' Commission. Presented by Sir Thomas White, March 4, 1919.
Not printed.

111. Copies of Orders in Council affecting the Department of the Secretary of State. Presented by Hon. Mr. Burrell, March 4, 1919.. .. ..*Not printed.*

112. Copies of Orders in Council affecting the Department of Mines. Presented by Hon. Mr. Burrell, March, 1919.. .. ..*Not printed.*

113. Copies of Orders in Council affecting the Public Archives. Presented by Hon. Mr. Burrell, March 4, 1919.. .. ..*Not printed*

114. Return called for by Section 88, of Chapter 62, Revised Statutes of Canada, requiring that the Minister of the Interior shall lay before Parliament, each year, a return of liquor brought from any place out of Canada into the Territories by special permission in writing of the Commission of the Northwest Territories, for the year ending 31st December, 1917. Presented by Hon. Mr. Meighen, March 6, 1919.. .. .. ..*Not printed.*

115. Return showing all lands sold by the Canadian Pacific Railway Company during the year ending 30th September, 1917, together with the names of the purchasers, in accordance with the Statutes of Canada, 1886, Chapter 9, Section 8. Presented by Hon. Mr. Meighen, March 6, 1919.. .. ..*Not printed.*

116. Copy of correspondence between the Secretary of State for the Colonies and His Excellency the Governor General, relating to the gift of two submarines to the Canadian Government. Presented by Hon. Mr. Rowell, March 6, 1919.. .. .. ..*Not printed.*

117. Report of a Committee of Experts, appointed by Order in Council dated 20th November, 1918, on the recommendation of the Civil Service Commission, to investigate and report conditions in the Department of Public Printing and Stationery. Presented by Hon. Mr. Burrell, March 6, 1919.
Printed for distribution to Senators and Members of Parliament.

118. Report of the work of the Department of Soldiers' Civil Re-establishment (Invalided Soldiers' Commission), to March 31, 1918, with Appendices to June 22, 1918. Presented by Mr. Clarke (Bruce) March 7, 1919.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

119. Copies of Orders in Council affecting the Department of Agriculture. Presented by Hon. Mr. Crerar, March 7, 1919.. .. .. .

CONTENTS OF VOLUME 10—*Continued.*

130. Return to an Address to His Excellency the Governor General of the 20th March, 1918, for a copy of any treaty between Great Britain and the United States, permitting the conscription of British Subjects in the United States for military service and of American citizens residing in British Dominions. Presented March 19, 1919.—*Sir Wilfrid Laurier* .. .. ..

CONTENTS OF VOLUME 10—*Continued.*

138*b*. Supplementary Return to an Order of the House of the 25th March, 1918, for a return showing all the Commissions created since September, 1911, the names of the Chairman or Presidents and Members of the said Commissions, with the amounts expended in connection therewith, including rents, furnishing, equipment, heat, light, salaries, travelling expenses, stationery, printing, advertising, telegrams, telephones, postage and all other expenses as well as the reports made by the said Commissions. Presented June 26, 1919.—*Mr. Casgrain*.. .. ..*Not printed.*

139. Return to an Order of the House of the 29th April, 1918, for a copy of all correspondence between the City of Quebec, the Quebec Board of Trade and the Government with regard to the claims of the City of Quebec for terminals of the National Transcontinental Railway and other matters. Presented March 20, 1019.—*Mr. Lavigueur.* *Not printed.*

140. Return to an Order of the House of the 24th April, 1918, for a copy of all documents correspondence, papers, court proceedings and reports by the Honourable Justice Duff in reference to the investigation made by Judge Duff in the matter of Jules Gobeil, of Baie St. Paul, against Magistrate A. Simard, of the said place. Presented March 20, 1919.—*Mr. Casgrain* .. ..*Not printed.*

141. Return to an Order of the House of the 20th May, 1918, for a copy of all letters, telegrams and correspondence generally exchanged between the Government and Mr. Justice Duff, Central Appeal Judge, during the last election campaign concerning the application and the administration of the Military Service Act in conjunction with the Order in Council passed on December 3, 1917. Presented March 20, 1919.—*Mr. Brouillard*.. .. ..*Not printed.*

142. Return to an Order of the House of the 2nd May, 1918, for a Return showing:—1. How many military officers have been employed in the enforcement of the Military Service Act up to March 31, 1918, in each province. 2. How many civilians in each province. Presented March 20, 1919.—*Mr. Devlin*.. .. ..*Not printed.*

143. Return to an Order of the House of the 13th May, 1918, for a copy of all correspondence between the Registrar, E. Hart Nichols, under the Military Service Act, Halifax, N.S., and the Military Service Council or any member thereof, during the years 1917 and 1918, concerning non-compliance with the Military Service Act in Lunenburg County, N.S.; also for copy of all correspondence between the Military Service Council, or any member thereof, or the Minister of Justice, or the Deputy Minister of Justice and Mr. William Duff, M.P., Lunenburg, N.S., during the years 1917 and 1918; also a copy of any statements, affidavits and declarations now on file in the Military Service Council in respect of the administration of the Military Service Act in the County of Lunenburg and more particularly in respect of any alleged interference by Mr. William Duff with the proper enforcement of the said Act. Presented March 20, 1919.—*Mr. Currie*.. .. ..*Not printed*

144. Return to an Order of the House of the 20th May, 1918, for a Return showing:—1. Whether private custom work is done at the Portsmouth Penitentiary by skilled convict workmen. If so, whether any allowance is made to said convicts for such work. 2. Whether walnut chairs were repaired and upholstered for P. Devlin, Immigration Officer at Kingston. If so, what the cost was to Mr. Devlin. 3. Whether several articles of furniture were made for and shipped to Mr. Dillon, Purchasing Agent for Penitentiaries. If so, what articles were shipped to Montreal and Ottawa for him, what their cost was, and by whom it was paid. 4. What articles were made or repaired and shipped to persons in Toronto, Renfrew, Ottawa, Kingston and New York, by whose order, to whom sent, and the amount paid in each case. 5. What articles have been repaired or made for the Rev. McDonald and for the Roman Catholic Church at Portsmouth, what amount was paid for such work, by whom paid and when. 6. What articles of furniture have been made and repaired during the past two years (*a*) for officials of the penitentiary, (*b*) for persons other than officials, with the name and cost in each case. 7. Whether some statistics were copied by one of the convicts for the United States authorities. If so, how much was paid by the United States for said work, and what amount was placed to the credit of the convict who did the work. 8. Whether convicts have been ordered to make articles patented in the United States, the sole right for the manufacture of which had been sold to a firm in Canada, and whether convicts were ordered to make working drawings of the same for future use. Presented March 20, 1919.—*Mr. Edwards*.. .. ..*Not printed.*

145. Return to an Order of the House of the 15th May, 1918, for a Return showing:—1. The amount expended by the Government on Toronto Harbour since Confederation. 2. The initial cost of such protection as has been placed on the south shore of the Island; also cost of repairs to same. 3. To what extent the Island has been reduced since Confederation due to erosion. 4. What part or parts of the harbour front are controlled by the Dominion Government. Presented March 20, 1919.—*Mr. Foster, (York).* *Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

146. Return to an Order of the House of the 20th May, 1918, for a copy of all accounts, vouchers, receipts, telegrams, particulars and correspondence of all kinds in any way referring to the expenditure of money by this Government at Friar Siding, under the foremanship of P. Doucette, during the months of October, November and December, 1917. Presented March 20, 1919.—*Mr. Chisholm*.. .. ..*Not printed.*

147. Return to an Order of the House of the 20th May, 1918, for a copy of all letters, telegrams, vouchers, accounts and all documents in any way referring to the expenditure of money in repairs on the Margaree Breakwater, by the Department of Public Works, during the years 1916-17 and 1917-18. Presented March 20, 1919.—*Mr. Chisholm. Not printed.*

148. Return to an Address to His Excellency the Governor General of the 18th April, 1918, for a copy of the correspondence concerning the resignation of Commissioner Perry, C.M.G., as head of Royal Northwest Mounted Police. Presented March 20, 1919.—*Mr. Lemieux*.. .. ..*Not printed.*

149. Return to an Order of the House of the 21st March, 1918, for a copy of all letters, telegrams and other papers concerning the steamer service between Montreal, Quebec and the various harbours of Gaspé. Presented March 20, 1919.—*Mr. Lemieux. Not printed.*

150. Return to an Order of the House of the 24th April, 1918, for a copy of all correspondence and documents exchanged between the Minister of Justice and his Department and their representatives in Montreal in connection with obtaining the release on bail, and arranging bail and security for one Charles, alias Ti-Noir Desjardins. Also a copy of all correspondence with the Minister of Justice and his Department and their representatives in Montreal and elsewhere, and all other documents in connection with obtaining the release of and giving bail and security on behalf of the same man recently in Montreal. Presented March 21, 1919.—*Mr. Casgrain* .. .. ..*Not printed.*

151. A detailed statement of all bonds or securities registered in the Department of the Secretary of State of Canada, since last return (2nd April, 1918) submitted to the Parliament of Canada under Section 32 of Chapter 19, of the Revised Statutes of Canada, 1906. Presented by Hon. Mr. Burrell, March 25, 1919.. .. .. ..*Not printed.*

152. Return to an Address to His Excellency the Governor General of the 29th April, 1918, for a copy of all Orders in Council and instructions given by the Minister in charge in connection with the work of Mr. M. E. Nicholls, Director of Public Information for Canada; along with a copy of all telegrams, letters, statements and articles sent out by Mr. Nicholls since assuming the position of Director of Public Information; and also copy of the mailing list of the individuals or companies to whom this information was sent. Presented March 26, 1919.—*Mr. Casgrain*.. .. ..*Not printed.*

153. Return showing:—1. The amount spent by the Government for each of the canals of Canada since Confederation. 2. The cost of the upkeep of each of these canals, and what receipts have been received from each of them. Presented March 26, 1919. *Mr. Casgrain*.. .. ..*Not printed.*

154. Report of the Military Service Council on the administration of the Military Service Act, 1917, with Supplementary Report showing the progress which has been made in obtaining recruits under the Military Service Act, to April 15, 1918. Presented by Hon. Mr. Meighen, March 27, 1919.. .. ..*Not printed.*

155. Return to an Order of the House of the 19th March, 1919, for a copy of all correspondence between the Customs Department and the Customs House authorities at the port of Sutton-Aberdeen touching the dismissal of William Lassonde. Presented March 28, 1919.—*Mr. McMaster*.. .. ..*Not printed.*

156. Return to an Order of the House of the 19th March, 1919, for a return showing the names of all persons employed up to March 1, 1919, in connection with the work of the Repatriation Committee, giving the class of work each person is doing, their salary or wages, the living or other expenses paid, and the former occupation of each person, along with a statement showing what other work, if any, said persons are employed in. Presented March 28, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

157. Return to an Order of the House of the 19th March, 1919, for a copy of all papers and correspondence regarding the Commission granted to Canadian officers during the present war. Presented March 31, 1919.—*Mr. Casgrain*.. .. ..*Not printed.*

158. Return to an Order of the House of the 24th March, 1919, for a Return showing:—1. The names of the one hundred and thirty-three persons who were prosecuted during the years 1913, 1914, 1915, 1916, 1917, 1918 and 1919, for having been found in possession of, or for selling, adulterated maple sugar. 2. The amounts of the fines in each case. Presented March 31, 1919.—*Mr. Boyer*.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

159. Return to an Order of the House of the 24th March, 1919, for a Return showing:—1. The names of the one hundred and twenty-seven persons who were prosecuted during the years 1913, 1914, 1915, 1916, 1917, 1918 and 1919, for having been found in possession of, or for selling, adulterated maple syrup. 2. The amounts of the fines in each case. Presented March 31, 1919.—*Mr. Boyer*.. .. ..*Not printed.*

160. Return to an Order of the House of the 24th March, 1919, for a Return showing:—1. The total expenses in connection with the Victory Loan campaign of 1918 in Prince Edward County, Ontario. 2. Number of clerks employed in connection with the said campaign in the said county. 3. Amount paid to each, and of such amount, how much was for salary and how much for travelling expenses. Presented March 31, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

161. Return to an Order of the House of the 24th March, 1919, for a Return showing:—1. The total amount paid by the Canadian Government for the rental of offices and other space, in the Cities of Montreal, Ottawa and Quebec, as well as in all the different provinces of the Dominion, to put in force the Military Service Act. 2. The names of the proprietors or landlords from whom the said offices or places were leased. 3. The names of the lawyers who attended to and helped The Honourable Mr. Justice Duff, in Ottawa, in the disposal of the appeals made under the Military Service Act, last year, and how much they were paid. Presented March 31, 1919.—*Mr. Casgrain.* *Not printed.*

162. Return to an Order of the House of the 25th March, 1918, for a Return showing:—1. Who the contractors are for the transportation of His Majesty's Mails in the County of Dorchester. 2. What sums they receive annually for this work. 3. When the contracts in each case were given, and upon whose recommendation. 4. When each of these contracts terminates. Presented March 31, 1919.—*Mr. Cannon* ..*Not printed.*

163. Return to an Order of the House of the 13th May, 1918, for a copy of the contract made between the Government of Canada and Mr. Mosher, of Feltzen South, in the County of Lunenburg, for the carrying of His Majesty's mails between Feltzen South and Rose Bay, in the County of Lunenburg. Said contract being executed during the month of September, October or November, 1917, and having as one of the bondsmen on the said contract Mr. Wm. Duff, of Lunenburg, in the County of Lunenburg. Presented March 31, 1919.—*Mr. Currie*.. .. ..*Not printed.*

164. Return to an Order of the House of the 19th March, 1919, for a Return showing:—1. The number of times the Military Service Act, 1917, was amended by Order in Council. 2. The dates and the numbers of the said Orders in Council. Presented March 31, 1919.—*Mr. Tobin*.. .. ..*Not printed.*

165. Return to an Order of the House of the 20th March, 1919, for a Return showing:—1. The number of men of military age who have been condemned to terms of imprisonment for infractions of the Military Service Act, 1917, in each of the nine province of Canada. 2. The number of the said men who have been released from prison before the expiration of their terms. 3. Their names, where they were imprisoned and the length of their respective sentences. Presented March 31, 1919.—*Mr. Fontaine.* *Not printed*

166. Average number of men employed on the Dominion Police Force during each month of the year 1918, and of their pay and travelling expenses, pursuant to Chapter 92, Section 6, Subsection 2, of the Revised Statutes of Canada. Presented by Hon. Mr. Meighen, April 1, 1919.. .. ..*Not printed.*

167. Return to an Order of the House of the 19th March, 1919, for a Return showing:—1. The amount of the public debt of Canada on the 21st September, 1911. 2. New loans made by the Dominion of Canada since said date, indicating for each of said loans; (*a*) the date; (*b*) the amount; (*c*) the rate of interest; (*d*) the name of the place where such loan was floated; (*e*) the date of purchase; (*f*) the object for which said additional loans were made. 3. The amount of the public debt on the 10th March, 1919. 4. The result obtained through the last National Loan in Canada, indicating the amount subscribed in each Province. 5. Of the amount raised through the last National Loan, what sums were expended (*a*) for war purposes; (*b*) for other purposes. 6. How much the floating of our last National Loan cost, giving the figures in detail. Presented April 1, 1919.—*Mr. Vien*.. .. ..*Not printed.*

168. Return to an Order of the House of the 19th March, 1919, for a Return showing:—1. The cost to the Government for advertising and printing in connection with the Victory Loan of 1917, giving amounts for advertising and printing separately. 2. The cost to the Government for advertising and printing in connection with the Victory Loan of 1918, giving amounts for advertising and printing separately. 3. Amount paid in commissions in connection with said loans for 1917 and 1918. 4. The total cost in connection with the campaign for the said Victory Loans of 1917 and 1918. Presented April 1, 1919.—*Mr. Duff*.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

169. Return to an Order of the House of the 19th March, 1919, for a Return showing:—1. How many appointments have been made to the Civil Service by the Civil Service Commission since the passing of the Civil Service Act of 1918. 2. How many of these appointments were given to returned soldiers who had served overseas in the actual theatre of war. 3. How many were given to those who had not served in the actual theatre of war. 4. What was the aggregate, also the average salaries pertaining to both classes referred to in questions two and three. Presented April 1, 1919.—*Mr. Sutherland*.. .. ..*Not printed.*

170. Return to an Order of the Senate, dated the 20th March, 1919, showing the cost of enforcing of the National Service Act, of the Military Service Act, and of the Order in Council establishing the Canada Registration Board.—(*The Senate.*) April 2. 1919.. .. ..*Not printed.*

171. Return to an Order of the House of the 26th March, 1919, for a Return showing:—1. Who the Director of Vocational Training is. His salary. His profession. What special training he has had to fit him as "Director of Vocational Training." 2. How many units for Vocational Training there are in Canada. How many officers in each unit, and at what salary. Their profession or training. 3. The cost of administration, (*a*) at Ottawa; (*b*) at each unit. The cost for maintenance. Total cost per year. Estimated cost for coming fiscal year. 4. Number of applications for training received. Number from boys under age. Number refused training because they have been under age. 5. Whether Vocational Training Branch gives an agricultural course. Whether Land Settlement Board gives an agricultural course. Presented April 3. 1919.—*Mr. Stevens*.. .. ..*Not printed.*

172. Return to an Order of the House of the 19th March, 1919, for a copy of all letters, telegrams and other documents exchanged between any Department of the Government and any person or persons, relative to charges of sedition made against Bishop Budka, of Winnipeg. Presented April 3, 1919.—*Mr. Blake*.. .. ..*Not printed.*

173. Return to an Address of the Senate, dated the 21st of March, 1918 containing statements showing in detail the expenditure made in connection with the last elections, the conscription law, and the National Service, up to the 1st of March, and that the said Address be presented to His Excellency the Governor General by such members of this House as are members of the Privy Council.—(*The Senate.*) April 3, 1919. *Not printed.*

174. Return to an Order of the House of the 31st March, 1919, for a Return showing:—1. The names of the canvassers for the Victory Loan of 1918 in South East Grey, and amount paid each as commission. 2. Amounts paid to Toronto brokerage firms for commissions in connection with the said Victory Loan, and the names of such firms. Presented April 4, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

174a. Return to an Order of the House of the 10th April, 1919, for a Return showing:—1. To what firms or brokers, in the Province of Quebec, brokerage was paid by the Government in connection with the last Victory Loan. 2. Amount paid to each. Presented April 23, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

174b. Return to an Order of the House of the 31st March, 1919, for a Return showing:—1. Into how many districts the Dominion was divided for the purpose of the flotation of the Victory Loan. 2. The number of persons employed in each district, and their names. 3. The exact expenditure incurred by each district association. 4. Amount each organizing or canvasser received. 5. What brokers were employed throughout the Dominion. 6. The actual amount of bonds credited to each broker. 7. What remuneration each received. Presented April 30, 1919.—*Mr. Power*.. .. ..*Not printed.*

175. Return to an Order of the House of the 24th April, 1918, for a copy of all letters, petitions and communications received by the Acting Postmaster General or any official of his Department in reference to the closing of the Post Office at Le Blancville, in the County of Westmorland, New Brunswick. Presented April 4, 1919.—*Mr. Copp.* *Not printed.*

176. Return to an Order of the House of the 24th April, 1918, for a Return showing:—1. The names and addresses of the different deputy returning officers, enumerators, janitors and lessees of polls in the election of December 17, 1917, in the County of LAssomption and Montcalm. 2. Amount paid to each of the above parties for his services in said election. 3. Whether all these accounts are paid. 4. If not, which yet are unpaid, and why they have not been settled. Presented April 4, 1919.—*Mr. Seguin.* *Not printed.*

177. Return to an Order of the House of the 15th April, 1918, for a Return showing:—1. What sums have been expended since the beginning of the war by the Government, on advertising, in connection with (*a*) Voluntary recruiting, (*b*) Government loans,

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(*c*) Production of foodstuffs, including advertisement in relation to the Food Controller's Office or Canada Food Board, (*d*) Military Service Act, and (*e*) Fuel Controller's Office. 2. What rates were paid, and whether they were the ordinary or usual commercial rates. 3. What papers received these advertisements, and what amount to each. He also laid before the House, by command of His Excellency the Governor General,—Tenth Annual Report of the Civil Service Commission of Canada, for the year ending August 31, 1918. Presented April 7, 1919.—*Mr. Pedlow.*
Not printed.

178. Return to an Order of the House of the 19th March, 1919, for a copy of the Marconi Wireless Company's contract with the Department of Naval Service, showing the date the contract was made and signed. Presented March 8, 1919.—*Mr. Tobin.*
Not printed.

178*a*. Supplementary Return to an Order of the House of the 19th March, 1919, for a copy of the Marconi Wireless Company's contract with the Department of Naval Service, showing the date the contract was made and signed. Presented April 15, 1919.—*Mr. Tobin*.. .. .. .

CONTENTS OF VOLUME 10—*Continued.*

188. Copy of Order in Council, P.C. 800, dated 10th April, 1919, requesting His Majesty to issue letters patent to each of the following named persons:—

The Right Honourable Sir Robert Borden, a Member of His Majesty's Most Honourable Privy Council, G.C.M.G., K.C., M.P., Prime Minister of the Dominion of Canada;

The Right Honourable Sir George Eulas Foster, a Member of His Majesty's Most Honourable Privy Council, G.C.M.G., M.P., Minister of Trade and Commerce of the Dominion of Canada;

The Honourable Arthur Lewis Sifton, K.C., M.P., Minister of Customs and Inland Revenue of the Dominion of Canada;

The Honourable Charles Joseph Doherty, K.C., M.P., Minister of Justice of the Dominion of Canada; naming him and appointing him as Commissioner and Plenipotentiary in respect of the Dominion of Canada, with full power to sign any treaties concluded at the Peace Conference. Presented by Hon. Mr. Rowell, April 11, 1919. *Not printed.*

189. Return to an Order of the House of the 9th March, 1919, for a Return showing:—1. If a man named Cooke was employed by the Immigration Branch of the Interior Department, or by the Minister of Immigration and Colonization, during the past year. 2. If so, what his duties were, and what remuneration he received, or is to receive. 3. Whether the said Cooke, in the capacity of a Government employee, visited Immigration Offices and Immigration Officials in the West. If so, whether he made any changes therein. 4. What changes were made, what the names of the officials are who were retired, given different positions, or newly employed. 5. Under what authority the said Cooke performed the mission referred to. 6. Whether the said Cooke is still in the employ of the Minister of Immigration and Colonization. If so, what duties he is now performing. 7. Whether the said Cooke is the Sheriff at Regina. Presented April 11, 1919.—*Mr. Murphy*.. .. ..*Not printed.*

190. Return to an Order of the House of the 3rd April, 1919, for a Return showing:—1. Amount paid to J. S. Wilson, of Hanover, Registrar for South East Grey, in connection with the Dominion Registration in June, 1918. 2. The names of the Deputy Registrars and their assistants who received payment for services in connection with the Dominion Registration of June, 1918, in the County of South East Grey, Ont. Presented April 14, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

191. Return to an Order of the House of the 31st March, 1919, for a copy of all letters, telegrams and other correspondence between the Militia Department and the Aetna Chemical Company of Canada, Limited, concerning a contract for explosives. Presented April 14, 1919.—*Mr. Brouillard*.. .. ..*Not printed.*

192. Return to an Order of the House of the 19th March, 1919, for a Return showing:—1. The names and present addresses of the last three hundred appointees to the Inside Civil Service, whose appointments were made by the Civil Service Commission. 2. In what Departments they were placed when appointed, and the salary paid in each case. Presented April 14, 1919.—*Mr. Boyer*.. .. ..*Not printed.*

193. Return to an Order of the House of the 3rd April, 1919, for a Return showing:—1. Number of men enlisted under the provisions of the Military Service Act, 1917, in each of the nine provinces of Canada, who had been sent or were on their way overseas on November 11, 1918. 2. Number of enlisted under the provisions of the Military Service Act, 1917, in each of the nine provinces of Canada, who had been sent or had left their respective training barracks to be sent to Siberia on November 11, 1918. Presented April 14, 1919.—*Mr. Tobin*.. .. ..*Not printed*

194. Return to an Order of the House of the 24th March, 1919, for a copy of all telegrams, letters, order papers or other correspondence in any way connected with the discharge of cargoes of the vessels *J. M. Rafuse* and *W. F. Davidson*, in the year 1918, in New York Harbour. Presented April 14, 1919.—*Mr. Sinclair, (Antigonish)*.. ..*Not printed.*

195. Return to an Order of the House of the 7th April, 1919, for a copy of the evidence given in the arbitration at Toronto in 1918, with respect to the value of Canadian Northern Railway common stock taken over by the Government. Presented April 15, 1919.—*Mr. Mackie, (Edmonton)*.. .. ..*Not printed.*

195*a*. Return to an Order of the House of the 7th April, 1919, for a copy of all reports made, or letters written, by Graham A. Bell with respect to Canadian Northern Railway common stock, and also in connection with or leading up to the arbitration in 1918 with respect to the value of such common stock. Presented April 15, 1919.—*Mr. Mackie, (Edmonton)*.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

196. Return to an Order of the House of the 31st March, 1919, for a copy of all letters, telegrams and other correspondence between the Honourable N. W. Rowell, President of the Privy Council, and Commissioner R. H. Pringle, K.C., in any way relating to the Pulp and Paper Inquiry conducted by the said Commissioner. Presented April 15, 1919.—*Mr. Tobin*.. .. .. .

CONTENTS OF VOLUME 10—*Continued.*

207a. Supplementary Return to an Order of the House of the 20th March, 1919, for a Return showing:—1. The amount, if any, paid by the Government for advertising to the *Moncton Transcript, Acadian Recorder, Morning Chronicle, Halifax Herald,* and *Evening Mail,* during the year 1918. 2. The amounts, if any, paid to the said newspapers during the same year for printing. Presented June 2, 1919.—*Mr. Duff..Not printed.*

208. Return to an Order of the House of the 19th March, 1919, for a Return showing:—1. The amount paid the *Bridgewater Bulletin,* of Bridgewater, Nova Scotia, for advertising since January 1, 1912. 2. The amount paid the *Daily and Weekly News,* of Lunenburg, Nova Scotia, for advertising since January 1, 1912. Presented April 25, 1919.—*Mr. Duff.. .. .. .

CONTENTS OF VOLUME 10—*Continued.*

Government Railways in connection with the publication of the magazine with dates and amounts and showing for what purposes such payments were made; (*f*) a copy of the correspondence between the Minister of Railways and Canals, any officials of that Department, particularly the Purchasing Agent, the General Manager and other officials of the Canadian Government Railways and any officials or employees of the Magazine and of all correspondence from the Minister or from any officials of the Department or from any officials of the Canadian Government Railways for the purpose of inducing manufacturers and others to advertise in the magazine; and (*g*) whether the Post Office Department has admitted the Magazine to second-class postal privileges, and if so, on what date, and whether such privileges extend only to copies sent to bona fide subscribers or if they include copies supplied gratuitously to Canadian Government Railways officials and employees. Presented April 28, 1919.—*Mr. Bureau.*
Not printed.

216. Return to an Order of the House of the 24th March, 1919, for a Return showing:—1. The staff and personnel employed at Quebec, Que., for the Soldiers' Civil Re-establishment. 2. Their respective names, domiciles and salaries. 3. Which of them are returned soldiers, and what services they performed in the Canadian Expeditionary Force. 4. How many demands were made by returned soldiers at Quebec in connection with their civil re-establishment, giving: (*a*) Name of claimant; (*b*) His place of origin; (*c*) The nature and date of his demand; (*d*) The adjudication in each case, and date. Presented April 29, 1919.—*Mr. Vien* .. ..*Not printed.*

217. Return to an Address to His Excellency the Governor General, of the 19th March, 1919, for a copy of all correspondence between the Minister of Trade and Commerce or any officials of the Government and the Board of Grain Supervisors and Board of Grain Commissioners regarding the commandeering of wheat in 1916, and a copy of the Order in Council authorizing same. Presented April 29, 1919.—*Mr. Stevens.*
Not printed.

218. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Ottawa Journal* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented April 29, 1919.—*Mr. Deslauriers*.. .. .. ..*Not printed.*

218*a*. Return to an Order of the House of the 24th March, 1919, for a Return showing:—1. Amount paid to the *Ottawa Journal* and *Ottawa Journal-Press* for Government printing, advertising and job work from 1896 to 1911, inclusive. 2. Amounts paid to *Ottawa Journal* and *Ottawa Journal-Press* for Government printing, advertising and job work in each of the years 1912, 1913, 1914, 1915, 1916, 1917 and 1918. Presented May 14, 1919.—*Mr. Edwards*.. .. ..*Not printed.*

218*b*. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Ottawa Journal* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Deslauriers*...*Not printed.*

219. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Hamilton Spectator* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented April 29, 1919.—*Mr. Deslauriers*.. ..*Not printed.*

219*a*. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Hamilton Spectator* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented April 29, 1919.—*Mr. Deslauriers*.. ..*Not printed.*

220. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Ottawa Citizen* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented April 29, 1919.—*Mr. Deslauriers*.. .. ..*Not printed.*

220*a*. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Ottawa Citizen* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Deslauriers*..*Not printed.*

221. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto World* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented April 29, 1919.—*Mr. D'Anjou*.. .. .. ..*Not printed.*

221*a*. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto World* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. D'Anjou*.. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

222. A collection of Reports by the Imperial Government on Bolshevism in Russia. Presented by Hon. Mr. Rowell, April 29, 1919.. .. ..*Not printed*

223. Return to an Order of the Senate dated May 22, 1918. That an humble Address be presented to His Excellency the Governor General, praying that His Excellency will cause to be laid upon the Table of the Senate a return of copies of all papers, letters, telegrams, memorials, petitions or other communications or documents in the possession of the Government or in that of His Honour the Speaker of the House of Commons, which may be available, in connection with the recent delegation from the farmers of Canada to present certain public and national questions and issues to the attention of the Cabinet and of the Parliament of Canada.—(*The Senate.*) April 29, 1919.. .. ..*Not printed.*

224. Return to an Order of the Senate dated 26th March, 1919, showing:—1. (1) Whether the Government has divested itself of all aerodromes, airships and air service plant. (2) Also, whether such property is retained by the Government, where it is situated, and of what does it consist. 2. (1) Also, is there any air service organization or personnel in Canada acting under the Government; and (2) If there is: (*a*) of what persons does it consist; (*b*) what is the qualification and rank of each person; (*c*) where are they respectively located; (*d*) what is each person's duty.—(*The Senate.*) April 29, 1919 .. ..*Not printed.*

225. Return to an Order of the House of the 24th March, 1919, for a copy of all telegrams, letters, correspondence, petitions and other documents in any way referring to the appointment of a postmaster at Port Hawkesbury, during the years 1918 and 1919. Presented April 30, 1919.—*Mr. Chisholm*.. .. ..*Not printed.*

226. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto Mail and Empire* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented April 30, 1919.—*Mr. Proulx*.. ..*Not printed.*

226*a*. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto Mail and Empire* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Proulx.* *Not printed.*

227. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto Star* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented April 30.—*Mr. Deslauriers* .. ..*Not printed*

227*a*. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto Star* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Deslauriers*.. ..*Not printed.*

228. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Montreal Star* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented April 30, 1919.—*Mr. Mayrand*.. .. ..*Not printed*

228*a*. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Montreal Star* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Mayrand.* *Not printed.*

229. Copy of an agreement between His Britannic Majesty's Government and the Government of the French Republic respecting British War Graves in France, signed at Paris November 26, 1918. Presented by Hon. Mr. Rowell, April 30, 1919 ..*Not printed.*

230. Mr. Rowell, a Member of the King's Privy Council, laid before the House,—Copy of Order in Council, P.C. 2144, dated 2nd September, 1918, *re* application of the St. Lawrence River Power Company to construct certain works in the South Sault Channel of the St. Lawrence River.

P.C. 2145, dated 2nd September, 1918, appointing the Hon. Arthur Meighen, Minister of the Interior, and Hon. A. L. Sifton, Minister of Customs and Inland Revenue, to represent the Government of Canada at a conference with the representatives of the United States Government concerning the application of the St. Lawrence River Power Company.

P.C. 2509, dated 12th October, 1918,—Copy of report *re* result of negotiations concerning the application of the St. Lawrence River Power Company, and also in reference to the Order of the International Joint Commission authorizing the St. Lawrence River Power Company to construct certain works in the South Sault Channel of the St. Lawrence River.

CONTENTS OF VOLUME 10—*Continued.*

Copy of the Order of the said International Joint Commission authorizing the construction of the said works dated September 4, 1918. Interim Order and Opinion of International Joint Commission in the matter of the application of the St. Lawrence River Power Company for the approval of the construction and maintenance of a submerged weir in the South Channel of the St. Lawrence River near the mouth of its power canal at Massena, New York. Statement of the Case of the Government of the Dominion of Canada on such application. Presented by Hon. Mr. Rowell May 1, and 3, 1919.. .. .. ..*Printed for distribution and sessional papers.*

230*a*. Interim Order, Opinions of, and Hearings before the International Joint Commission in the matter of the application of the St. Lawrence River Power Company, for the approval of the construction and maintenance of a submerged weir in the south channel of the St. Lawrence River near the mouth of its power canal at Massena, New York. Presented by Hon. Mr. Rowell, May 14, 1919.

231. Copy of the Order of the International Joint Commission, in the matter of the measurement and apportionment of the St. Mary and Milk Rivers and their tributaries in the State of Montana and the Provinces of Alberta and Saskatchewan. Presented by Hon. Mr. Rowell, May 30, 1919.. .. ..*Not printed.*

232. Return to an Order of the House of the 28th April, 1919, for a copy of Mrs. Hambleton's report, dated in the month of May, 1918, and relating to Canadian flour mills. Presented May 1, 1919.—*Mr. Archambault*.. .. ..*Not printed*

233. Return to an Order of the House of the 27th March, 1919, for a Return showing:—Amount expended by the Government on newspaper advertising since August 4, 1915. Presented May 31, 1914.—*Mr. Sinclair*.. .. ..*Not printed.*

233a. Supplementary Return to an Order of the House of the 27th March, 1919, for a Return showing:—Amount expended by the Government on newspaper advertising since August 4, 1915, Presented June 2, 1919.—*Mr. Sinclair (Antigonish)*..*Not printed.*

234. Return to an Order of the House of the 7th April, 1919, for a copy of all correspondence in connection with the lease of the Government Fish Drier at Souris, Prince Edward Island, including copy of the advertisement calling for tenders on the 15th day of May, 1914, and a copy of the lease. Presented May 31, 1919.—*Mr. McIsaac.*
Not printed.

235. Return to an Order of the House of the 19th March, 1919, for a copy of all letters, telegrams, petitions and other documents in any way referring to a proposed mail route from Eden Siding to Marble Mountain, Inverness County, N.S. Presented May 1, 1919.—*Mr. Chisholm*.. .. ..*Not printed.*

236. Communication from the Senate of Belgium to the Speakers of the Senate and House of Commons of Canada.

(*Translation*).

BRUSSELS, BELGIUM, April 30, 1919.

The Speaker of the House of Commons,
The Speaker of the Senate,
Ottawa.

Mr. SPEAKER,—I beg to send you and request you to communicate to the Assembly over which you preside the text of the motion unanimously adopted by the Senate during its session of Tuesday, April 29, 1919.

The Senate of Belgium affected by the vote of the Paris Conference which disregards the claims of the City of Brussels to become the seat of the League of Nations, seriously preoccupied by the distressing condition to which the country has been reduced by this most cruel war and convinced that the numberless ruins which cover its territory cannot be restored by its own national resources, most anxiously appeals to your Assembly and implores it to intervene with the greatest possible energy in order to obtain that the solemn promises of prompt and complete restoration so frequently reiterated be now carried out in the spirit of broad equity and generous compassion which inspired them.

Relying upon the sentiments of solidarity which unite all civilized nations and upon the assurance of sincere and profound sympathy which your Assembly so kindly gave to Belgium, the Senate counts upon obtaining from your Assembly its powerful aid and effectual intervention in support of the legitimate and necessary atonements claimed from the Paris Conference for the restoration of this country.

Please accept, Mr. Speaker, the assurance of my greatest respect.

(Signed) Baron de PAVEREAU,
President of the Senate.

Presented by Hon. Mr. Speaker, May 1, 1919.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

237. Return to an Order of the House of the 23rd April, 1919, for a copy of all correspondence, telegrams and other documents exchanged between Mr. L. D. Hara, Acting Superintendent of the Welland Ship Canal, and the Department of Railways and Canals and Justice Department, relative to the seizure of two cars of coal by the Fuel Controller of Thorold, Ont. Presented May 2, 1919.—*Mr. Fraser*.. .. ..*Not printed.*

238. Return to an Order of the House of the 23rd April, 1919, for a copy of all correspondence, telegrams and other documents exchanged between Mr. L. D. Hara, Acting Superintendent of the Welland Ship Canal, and the Minister of Railways and Canals or any other person in the said Department relative to notice being served on Mrs. W. Thomas, of Thorold, Ont., to vacate her residence. Presented May 2, 1919.—*Mr. Fraser*.. .. ..*Not printed.*

239. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Manitoba Free Press* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented May 2, 1919.—*Mr. Mayrand* .. .. ..*Not printed.*

239a. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Manitoba Free Press* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Mayrand*..*Not printed.*

240. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Halifax Herald* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented May 2, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

246*a*. Supplementary Return to an Order of the House of the 19th Mrach, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Halifax Herald* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Proulx*.. ..*Not printed.*

241. Return to an Order of the House of the 23rd April, 1919, for a return showing how many acres of public land have been given to railway companies in the Dominion of Canada by the Federal Government from 1878 to the present time, and also showing how many acres were granted in each year during the above period of time. Presented by Hon. Mr. Meighen, May 2, 1919.. .. ..*Not printed.*

242. Return to an Order of the House of the 14th April, 1919, for a copy of all documents, correspondence and plans relating to the proposed construction of the Montreal Harbour Commissioners' bridge, extending from the City of Montreal to the South Shore. Presented May 5, 1919.—*Mr. Deslauriers*.. .. ..*Not printed.*

243. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto News* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented May 5, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

243*a*. Supplementary Return to an Order of the House of the 19th Mrach, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto News* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Proulx*.. ..*Not printed*

244. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto Globe* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented May 5, 1919.—*Mr. Deslauriers*.. .. ..*Not printed.*

244*a*. Supplementary Return to an Order of the House of the 19th Mrach, 1919, for a Return showing:—The amount, if any, paid by the Government to the *Toronto Globe* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Deslauriers*..*Not printed.*

245. Return to an Order of the House of the 23rd April, 1919, for a copy of all telegrams, letters and other correspondence exchanged between L. D. Hara or other persons connected with the Welland Ship Canal and the Department of Railways and Canals relative to the drowning of Michael Koebel, Lock Tender at Port Colborne. Presented May 5, 1919.—*Mr. Fraser*.. .. ..*Not printed.*

246. Report of the Director of the Military Service Branch on the operation of the Military Service Act, 1917. Presented by Hon. Mr. Meighen, May 6, 1919.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

246*a*. Copy of a letter from Mr. Justice Duff, Central Appeal Judge, respecting his appreciation of the work of Mr. S. L. Dale Harris as Central Public Representative in connection with the administration of the Military Service Act. Presented by Sir Robert Borden, June 24, 1919.. .. ..*Not printed.*

247. Return to an Order of the House of the 14th April, 1919, for a copy of all documents relating to the investigation made by His Honour, Judge F. S. McLennan, in the matter of the soldiers' votes which were deposited at the St. John Barracks, in connection with the General Elections held on the 17th December, 1917; also a copy of the report thereon by the investigating commissioner, comprising the evidence and exhibits relating thereto, and copy of the correspondence and telegrams between the said Commissioner and members of the Government, together with statements of accounts in connection therewith. Presented May 6, 1919.—*Mr. Archambault.*
Not printed.

248. Return to an Order of the Senate dated March 25, 1919, showing:—1. Copies of all Orders in Council for the years 1915, 1916, 1917 and 1918 giving authority for the free importation of machinery and manufactured products or for importation at a lesser rate of duty than provided for in the customs tariff. 2. Classification of machinery or manufactured products so imported. 3. The value thereof. 4. Port or ports of entry. 5. Country of origin.—(*The Senate.*) May 6, 1919.. ..*Not printed.*

249. Return to an Order of the House of the 28th April, 1919, for a Return showing:—1. Quantity of tons of lead pipe, or waste lead pipe, imported into Canada from United States during 1918, and at what ports of entry. 2. Quantity of tons of the different sizes, more particularly 4-inch pipes, so imported. 3. The names of the firms in the United States so exporting. 4. The names of the firms in Canada so importing. Presented May 7, 1919.—*Mr. Lemieux*.. .. ..*Not printed.*

250. Return to an Order of the House of the 2nd April, 1919, for a copy of all correspondence, letters, telegrams and recommendations relating to the appointment of a keeper of Free Stone Island light-house, County of Richmond, Nova Scotia, in the year 1918. Presented May 7, 1919.—*Mr. Duff*.. .. ..*Not printed.*

251. Return to an Order of the House of the 31st March, 1919, for a Return showing amounts paid by the Government for advertising to the following papers: *Dundalk Herald, Flesherton Advance, Markdale Standard, Durham Chronicle, Hanover Post,* and *Grey* (Durham) *Review* during the year ending March 26, 1919. Presented May 7, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

252. Return to an Order of the House of the 31st March, 1919, for a Return showing amounts paid the *Toronto Globe* and *Toronto Star*, respectively, for Government advertising during the year ending March 26, 1919. Presented May 7, 1919.—*Mr. Proulx.*
Not printed.

252*a*. Supplementary Return to an Order of the House of the 31st Mrach, 1919, for a Return showing amounts paid the *Toronto Globe* and *Toronto Star*, respectively, for Government advertising during the year ending March 26, 1919. Presented June 2, 1919. —*Mr. Proulx*.. .. ..*Not printed.*

253. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amounts, if any, paid by the Government to the *Montreal Gazette* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented May 8, 1919.—*Mr. Mayrand*.. .. ..*Not printed.*

253*a*. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amounts, if any, paid by the Government to the *Montreal Gazette* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented June 2, 1919.—*Mr. Mayrand*..*Not printed.*

254. Return to an Order of the House of the 16th April, 1919, for a copy of all correspondence, telegrams and other documents in connection with the application of the Shell Transport and Trading Company for the grant of certain oil lands. Presented May 12, 1919.—*Mr. Lemieux*.. .. ..*Not printed.*

255. Report of the Ministry Overseas Military Forces of Canada, 1918. Presented by Sir Edward Kemp, May 12, 1919.. .. ..*Not printed.*

256. Return to an Order of the House of the 12th May, 1919, for a copy of the lease or leases granting the use of some 10,000 acres of land of the St. Peter's Indian Reserve for a term of five years from the first of May, 1918, to Charles Bird and Jacob Jonnason, of St. Peters, and Rufus Stephen Benson and Rufus Henrickson of Selkirk. Presented May 14, 1919.—*Mr. Robb*.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

257. Return to an Order of the House of the 19th March, 1919, for a Return showing:—1. The amount of money the Government has spent during the last twelve months advertising in the daily and weekly papers and periodicals or magazines (*a*) in Canada, and (*b*) outside of Canada. 2. Whether the Government paid a higher rate for this advertising than if they had placed it through the regular advertising agencies. Presented May 14, 1919.—*Mr. Pedlow*.. .. ..*Not printed.*

257a. Supplementary Return to an Order of the House of the 19th March, 1919, for a Return showing:—1. The amount of money the Government has spent during the last twelve months advertising in the daily and weekly papers and periodicals or magazines (*a*) in Canada, and (*b*) outside of Canada. 2. Whether the Government paid a higher rate for this advertising than if they had placed it through the regular advertising agencies. Presented June 2, 1919.—*Mr. Pedlow*.. .. ..*Not printed.*

258. Copies of contracts with respect to the reconstruction of the Parliament Building. Presented by Hon. Mr. Carvell, May 15, 1919.. .. ..*Not printed.*

259. Return to an Order of the House of the 28th April, 1919, for a Return showing:—1. The number of Canadian Officers belonging to the Canadian Expeditionary Force promoted to the rank of Brigadier-General since the beginning of the war, to date. 2. Their names, the military rank which they held at the time they left for overseas, and the military district to which they belong. Presented May 19, 1919.—*Mr. Prevost.* *Not printed.*

260. Return to an Order of the House of the 23rd April, 1919, for a copy of all correspondence, petitions and other documents concerning the prosecution entered against Mr. Ben H. Spence, Secretary of the Ontario Branch of the Dominion Alliance, for publishing objectionable matter. Presented May 19, 1919.—*Mr. Lemieux*.. .. .. ..*Not printed.*

261. Return to an Order of the House of the 7th May, 1919, for a Return showing:—1. Names of the private cars that were in the wreck on the Toronto and Ottawa train (Canadian National Railways, 21st-22nd April last), and the name of the respective Minister to which each private car is assigned. 2. Who paid for the attendance, transportation and supplies for these private cars respectively, during the trip. 3. The amount of damage which resulted from this wreck for each private car and by whom the said damage will be paid. 4. Number of private cars used by Ministers and high officials of the Government, the name of each car, and the name of each Minister and high official using same. 5. How many of these private cars, if any, have been used from time to time since 1911, by members of the family of the Ministers or high officials exclusively for social and pleasure trips. Presented May 19, 1919. —*Mr. D'Anjou*.. .. ..*Not printed.*

262. Return to an Order of the House of the 16th April, 1919, for a Return showing:—1. Amount paid by the Government to the Canadian Press Association during the calendar year 1918. 2. Whether the advertising for the last Victory Loan was distributed to the newspapers directly by the Department of Finance, or through advertising agencies. 3. If through advertising agencies, how much was paid in commissions to the advertising agents. 4. The total cost of advertising the last Victory Loan. Presented May 19, 1919.—*Mr. Sinclair, (Antigonish)*.. .. ..*Not printed.*

263. Return to an Order of the House of the 12th May, 1919, for a Return showing:—1. Name of the Deputy Minister of the Department of Soldiers' Civil Re-Establishment. 2. When he was appointed. 3. His salary. 4. Whether he is a returned soldier. 5. If not, whether any attempt was made to obtain the services of a returned soldier. 6. Whether the present Deputy Minister has any special qualifications which would fit him to deal with returned men and their problems. 7. What educational experience the present Deputy Minister has. 8. Whether he is familiar with principles of education. 9. Why Mr. Sedgeworth resigned from the position of Director of Vocational Training. 10. Whether Mr. Sedgeworth had any disagreement with the Minister or Deputy Minister on matters of policy affecting the welfare of returned men. 11. Number of people employed on the Publicity Staff of the Department of Soldiers' Civil Re-Establishment, and salary paid to each. 12. Amount expended by this Department during the past six months for publicity purposes. 13. Whether it is true that only returned officers are offered the higher positions in this Department. 14. Whether the previous appointments held by Mr. Sedgeworth and Mr. Robinson were made through the Civil Service Commission. 15. Whether the position of Secretary of the Pension Board has been advertised. Presented May 19, 1919.—*Mr. Power.* *Not printed.*

264. Return to an Order of the House of the 19th March, 1919, for a Return showing:—1. The total number of men recruited during the war, combatants and non-combatants, (*a*) in the whole of Canada; (*b*) in each province. 2. The total number of men recruited during the war in Canada, (*a*) as per nationality; (*b*) as per religion; (*c*) as per nationality provincially; and (*d*) as per religion provincially. 3. The total

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number of men defranchised in Canada, (*a*) in the whole of Canada; (*b*) in each province. 4. The total number of men and women engaged in war work, (*a*) in Canada; (*b*) in each province. Presented May 20, 1919.—*Mr. Blake*.. ..*Not printed.*

265. Return to an Order of the House of the 23rd April, 1919, for a copy of the report made by Lt. Jarvis, R.C.N., in regard to the steamer *Stadacona*. Presented May 21, 1919. —*Mr. Duff*.. .. ..*Not printed.*

265*a* Return to an Order of the House of the 7th May, 1919, for a Return showing:—1. Whether H.M.C.S. *Stadacona* was repaired by the Halifax Shipyards, Ltd., during the summer of 1918. 2. If so, why repairs were necessary. 3. Cost of the repairs. 4. Whether the *Stadacona* struck a rock on the Cape Breton coast during the year 1918. 5. If so, who was held responsible for the striking of said rock. 6. How many times during the war the *Stadacona* has been aground. 7. Where the vessel was during the month of July, 1917. 8. Whether she, during July, 1917, took a party of Naval Officers to Labrador. 9. If so, the purpose of this trip. 10. Whether the ship was in constant communication with the Naval authorities during that trip. 11. Whether the *Stadacona* was used as a yacht, or to provide living accommodation for any officers in the Canadian Naval Service during 1917 or 1918. Presented May 30, 1919.—*Mr. D'Anjou*.. .. .. *Not printed.*

266. Return to an Order of the House of the 5th May, 1919, for a Return showing:—1. Value of farm implements exported during the years 1912, 1913, 1914, 1915, 1916, 1917 and 1918. 2. To which countries the said implements were exported, and who the exporters were. 3. Whether any tractors were exported. Presented May 20, 1919.—*Mr. Dechene.* *Not printed.*

267. Return to an Order of the House of the 23rd April, 1919, for a copy of all correspondence, petitions and other papers concerning the proposed acquisition by the Dominion Government of the Gaspé Railway System. Presented May 28, 1919.—*Mr. Lemieux.* *Not printed.*

268. Return to an Order of the House of the 19th March, 1919, for a return showing the names, post office addresses, length of service, date of appointment, and yearly remuneration of all fishery guardians in the Province of Nova Scotia, along with a list of the names of the parties by whom the said guardians were recommended. Presented May 28, 1919.—*Mr. Sinclair, (Antigonish)* .. ..*Not printed.*

269. Report of The War Trade Board, from 8th February, 1918 to 31st March, 1919. Presented by Hon. Mr. Maclean, May 28, 1919...
Printed for distribution and sessional papers.

270. Return to an Order of the Senate, dated May 13, 1919, showing:—1. A copy of the evidence taken on an inquiry of the Department of Railways through the claims agent at Moncton, New Brunswick, into the claim of Mrs. Annie Girroir, of Tracadia, Nova Scotia, widow, for damages to her property by water claimed to have been caused by the narrowing of the railway bridges opposite said property. 2. The names of the witnesses examined. 3. The time spent at said examination. 4. The place where said examination was held. 5. Whether the claimant was present or was represented by Counsel at said inquiry. 6. Whether the claimant was given notice of said inquiry. 7. What length of notice was given claimant previous to the date set for said inquiry. 8. A copy of the decision of the Legal Department of Railways with regard to said claim. (*The Senate.*) May 29, 1919.. .. .. *Not printed.*

271. Return to an Order of the House of the 19th March, 1919, for a copy of all correspondence, letters and other documents exchanged between the Government or any Department or Commission thereof and Lieutenant Commander J. K. L. Ross, relating to appointments to the staff of the Board of Pension Commissioners, by the Civil Service Commission. Presented May 30, 1919.—*Mr. Kay*.. .. ..*Not printed.*

271*a*. Return to an Order of the House of the 23rd April, 1919, for a copy of all correspondence, and other documents exchanged between the Government or any Member thereof, or any Department or Commission thereof, and the Board of Pension Commissioners or any Member thereof, relative to appointments to the staff of the Board of Pension Commissioners by the Civil Service Commission. Presented July 5, 1919.—*Mr. Kay.* *Not printed.*

272. Return to an Order of the House of the 5th May, 1919, for a copy of all correspondence between the Government and the City of Quebec and other stockholders in Quebec, London, New York and elsewhere, with reference to the proposed purchase by the Government of the minority stock of the Quebec and Lake St. John Railway and of the Great Northern Railway of Canada, now forming part of the mileage of the Canadian Northern Railway operated by the Government. Presented May 30, 1919.—*Mr. Lavigueur*.. .. ..*Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

272*a*. Return to an Order of the House of the 23rd April, 1919, for a copy of all correspondence, between the Government, the City of Quebec and other shareholders of the Great Northern Railway Company of Canada and the Quebec and Lake St. John Railway, as to the acquisition by the Government of the minority holdings of the stock in these railways, which are now being operated by the Government as part of the Canadian National Railway System. Presented May 30, 1919.—*Mr. Lavigueur*.. ..*Not printed.*

272*b*. Supplementary Return to an Order of the House of the 5th May, 1919, for a copy of all correspondence between the Government and the City of Quebec and other stockholders in Quebec, London, New York and elsewhere, with reference to the proposed purchase by the Government of the minority stock of the Quebec and Lake St. John Railway and of the Great Northern Railway of Canada, now forming part of the mileage of the Canadian Northern Railway operated by the Government. Presented June 19, 1919.—*Mr. Lavigueur*.. .. ..*Not printed.*

273. Return to an Order of the House of the 8th May, 1919, for a copy of all telegrams, letters, petitions and other documents, exchanged between the Post Office Department and any person in Inverness County during 1918 and 1919, in any way referring to the mail contract for carrying the mails from Inverness Railway Station to Margaree Harbour, N.S. Presented May 30, 1919.—*Mr. Chisholm*.. ..*Not printed.*

274. Return to an Order of the House of the 7th May, 1919, for a Return showing:—1. The refit cost for Canadian trawler *Vimy* during the year 1918. 2. Whether the firm of Burns & Keeler, Halifax, did any work on trawler *Vimy*. 3. If so, amount paid for such work. 4. How long trawler *Vimy* was in Halifax during the year 1918. 5. What the duties of that vessel were in Halifax. Presented May 30, 1919,—*Mr. D'Anjou*.. .. ..*Not printed.*

275. Reports, Returns and Statistics of the Food and Drug Laboratories of the Department of Trade and Commerce, for the fiscal year ended March 31, 1919. Presented by Hon. Mr. Maclean, June 2, 1919.. .. ..*Not printed.*

276. Final Report of the Fuel Controller, from the establishment of the office in June, 1917, to March, 1919. Presented by Hon. Mr. Maclean, June 2, 1919....*Not printed*

277. Return to an Order of the House of the 22nd May, 1919, for a Return showing:—1. Whether any orders for the purchase of fish for shipment overseas were placed with any companies in Canada by the Canadian Government, or any department thereof, or the War Purchasing Commission, in the years 1915, 1916, 1917, 1918, 1919. 2. If so, what the names of the companies are, and the value of the orders placed with each. Presented June 2, 1919.—*Mr. Steele*.. .. ..*Not printed.*

277*a*. Return to an Order of the House of the 15th May, 1919, for a Return showing the quantities of fresh (frozen) and salt fish shipped from Canada to England, France and other allied countries overseas, under the direction of the Canadian Government, during the war, distinguishing between salt and fresh fish; also setting forth the quantities supplied to the Canadian troops overseas and the quantity sold to the ordinary consumer; also a statement in detail showing the names and Post Office addresses of the parties from whom the said fish was purchased and the prices paid therefor, respectively. Presented June 21, 1919.—*Mr. Sinclair (Antigonish.)* *Not printed.*

278. Return to an Order of the House of the 26th May, 1919, for a Return showing:—1. Whether Hadley B. Tremaine, M.P., for Hants, is in the employ of the Government of Canada or in any way connected with the Military Forces of Canada. 2. If so, when he was first appointed. 3. In what capacity he is so engaged, and what salary he receives. 4. Pay received from the outbreak of the war up to and including the 12th day of May, 1919. 5. Whether the wife of the said Hadley B. Tremaine is in receipt of separation allowance. If so, how much she has received to date. 6. If the said Hadley B. Tremaine was and is in receipt of pay from the Military Forces of Canada, whether he was and is in receipt of his indemnity as member of the Parliament of Canada. Presented June 2, 1919.—*Mr. D'Anjou*.. .. ..*Not printed.*

279. Report on Export of Electricity from Canada, and Report of the Power Controller. Presented by Hon. Mr. Maclean, June 2, 1919.. .. ..*Not printed.*

280. Return to an Order of the House of the 19th March, 1919, for a copy of all papers and correspondence concerning the installation of wireless equipment upon the steamers built or to be built for the Government as well as a copy of all tenders submitted and contracts executed in that connection since August 4, 1914. Presented June 5, 1919.—*Mr. McMaster*.. .. ..*Not printed.*

281. Letter of the Honourable T. A. Crerar, M.P., to the Right Honourable the Prime Minister resigning his position as Minister of Agriculture and the letter of the Prime Minister in acknowledgment thereof. Presented by Sir Robert Borden, June 6, 1919.. .. .. .. *Not printed.*

CONTENTS OF VOLUME 10—*Continued.*

282. Return to an Order of the House of the 9th April, 1919, for a Return showing:—1. How many attorneys residing and practising in the City of Montreal have been employed by the Government during the fiscal year which expired on March 31, 1919. 2. Their names and how much each one was paid for services rendered. Presented June 9, 1919.—*Mr. Tobin*.. .. .. .

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293. Return to an Order of the House of the 5th June, 1919, for a Return showing:—1. Referring to page 381 of the Report of the Ministry Overseas Military Forces of Canada, 1918, and to the Chapter entitled, "Canadian Army Medical Corps." Whether Lieutenant-Colonel Jenkins was named by Sir Edward Kemp and the Sub. Militia Council, or by either of them, under Order No. 31, to investigate and report upon the financial or other dealings of the Canadian Army Medical Service in Europe. 2. Whether the said Lieutenant-Colonel Jenkins made progress reports from time to time. If so, whether such progress reports were sent to Sir Edward Kemp's London Office. 3. Whether the said Jenkins, (*a*) Made a full and final report to Sir Edward Kemp, and (*b*) Whether the said full and final report was received by the Minister in or about the month of November, 1918. 4. If so, after receiving the said final report, whether Sir Edward Kemp had an interview with the said Colonel Jenkins at which a copy of the said report was produced, and after discussion retained by Sir Edward Kemp. 5. Whether the said report disclosed incompetence, neglect, and the wasting of large sums of money in the Canadian Army Medical Service Overseas. 6. Whether the said Order No. 31 and the final report of Colonel Jenkins will be laid on the table of the House. If so, when. 7. Whether there is any objection to the said Order or Report being produced. If so, what the objection is. Presented June 13, 1919.—*Mr. Murphy.*
Not printed.

294. Report of the Civil Service Commission on the Classification of the Civil Service of the Dominion of Canada, as authorized by the Parliament of Canada. Presented by Hon. Mr. Maclean, June 17, 1919.. .. ..*Printed for distribution.*

294. Report of the Civil Service Commission on the Classification of the Civil Service of the Dominion of Canada, as authorized by the Parliament of Canada.—(French copy). Presented by Hon. Mr. Maclean, June 26, 1919.. .. ..*Printed for disstsribution.*

294*a*. Report of Transmission to accompany the Classification of the Civil Service of Canada, describing the schedules for the classification of positions and the standardization of compensation, etc. Presented by Hon. Mr. Maclean, June 26, 1919.
Printed for distribution.

295. Return to an Order of the Senate dated May 9, 1919, showing:—Copies of charges and accounts of foundry companies in Nova Scotia against Department of Naval Service for hull repairs and supplies and engine room repairs and supplies H.M.C.S. *Canada*, in fiscal year 1918-19. (*The Senate.*).. .. ..*Not printed.*

296. Return to an Order of the House of the 11th June, 1919, for a Return showing:—1. Amount paid by the Government to the Canadian Car & Foundry Company, Limited, for the use of the Maileable Iron Works, so called, at Amherst, Nova Scotia, as an Internment Camp for alien prisoners. 2. Whether this property is held under lease. If so, when the lease will terminate. 3. Whether there are any outstanding accounts with the above named company against the Government. If so, the nature of these accounts and the respective amounts thereof. Presented June 19, 1919.—*Mr. Copp*.. .. ..*Not printed.*

297. Return to an Order of the House of the 11th June, 1919, for a Return showing:—1. In how many cases the Honourable Albert Sévigny, K.C., of Montreal, was employed to represent the Government or any Department thereof, at Montreal, or any other place in the Province of Quebec, between the 1st of April, 1918, and the 1st of May, 1919. 2. Amount paid by the Government to the said Honourable Albert Sévigny for his services in each case. Presented June 19, 1919.—*Mr. Lanctot*.. .. .. ..*Not printed.*

298. Copy of Order in Council, P.C. 1127, dated 28th May, 1919, respecting a credit of six million dollars to Italy for the purchase of frozen beef now in storage in Canada. Presented by Hon. Mr. Maclean, June 21, 1919.. .. .. *Not printed*

299. Progress Reports of the Medical Services, Overseas Military Services of Canada, from January 1, 1917, to March 31, 1919. Presented by Hon. Mr. Calder, June 21, 1919.
Not vrinted.

300. Return to an Order of the House of the 4th June, 1919, for a Return showing:—1. Referring to page 459 of the Report of the Ministry Overseas Military Forces of Canada, 1918, and to paragraph (*c*) Topical Films; what the total amount paid for the films in question was. 2. Whether such payment was made by or through the Canadian War Records Office in London. If not, by whom such payment was made. 3. To whom such payment was made. 4. Whether the said films, or moving pictures were exhibited in Canada and elsewhere. If so, in what countries. 5. Whether an admission fee was charged at each of such exhibitions. If so, what the total cash proceeds were and to whom the money was paid. 6. Whether the Canadian Government has received the whole, or any part of the said cash proceeds. If not, what action, if any, has been taken to recover the money. 7. Whether the said films were given, sold, leased, or otherwise disposed of to a private company. If so, the terms and

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the names of the members of such company. 8. Whether it is true, as alleged in certain English papers, that the cost of the Canadian War Paintings which were exhibited in England, was defrayed out of the proceeds of the exhibition of the said films, or moving pictures. If so, who had the custody of the funds if they were not turned over to the Government. 9. Whether the Famous Players Film Company had any connection with any of the matters hereinbefore enquired about. If so, what and on what terms. Presented June 21, 1919.—*Mr. Murphy*.. .. .. ..*Not printed.*

301. Return to an Address to His Excellency the Governor General of the 24th April, 1918, for a copy of the correspondence and all papers generally exchanged between the Canadian Government, the Imperial authorities and certain portions of His Majesty's Dominions with a view to give effect to the conclusions of the Dominion Royal Commission. Presented June 23, 1919.—*Mr. Lemieux*.. .. ..*Not printed.*

302. Return to an Order of the House of the 4th June, 1919, for a copy of the report made by Mr. Décarie, local superintendent of the Department of Public Works, relating to the wharf at Cacouna East; also copy of the petition showing the names of the persons who signed requesting the construction of said wharf; also copy of the reports, letters, petitions and requests received from J. A. Tremblay respecting said wharf. Presented June 23, 1919.—*Mr. Gauvreau*.. .. ..*Not printed*

303. Correspondence relating to the resignation of Lieut-Colonel F. McKelvey Bell, M.D., as Director of Medical Services. Presented by Sir Robert Borden, June 24, 1919. *Not printed.*

304. Return to an Order of the House of the 7th April, 1919, for a copy of all correspondence, petitions and other papers concerning the parole or pardon of one Charles McMillan, one Pearson, and one Heaton, sentenced to a certain term of imprisonment in the Alberta Penitentiary. Presented June 26, 1919.—*Mr. Mackie, (Edmonton).* *Not printed.*

305. Copy of an opinion given by the Minister of Justice *re* Interprovincial traffic in intoxicating liquor, and copy of an opinion given by the Acting Deputy Minister of Justice on the same subject. Presented by Sir Robert Borden, June 27, 1919... .. ..*Not printed.*

306. Third Report of the War Purchasing Commission, covering period from April 1, 1918, to March 31, 1919. Presented by Sir Robert Borden, July 1, 1919.. .. ..*Not printed.*

307. Return to an Order of the House of the 30th April, 1919, for a Return showing the number of conscientious objectors still in jail for contravention of the Military Service Act. Presented July 1, 1919.—*Mr. Lemieux*.. .. ..*Not printed.*

308. Return to an Order of the House of the 23rd June, 1919, for a Return showing:—1. Pensions granted by the Board of Pension Commissioners during the year ending December 31, 1918. 2. Number of pensions refused by said Board during 1918. 3. Whether a member of the Board of Pension Commissioners examined each case before granting or disallowing the same. 4. Whether the granting or disallowing of claims was signed by a member of the said Board, and individually checked by them. 5. Number of complaints regarding pensions made to the said Board of Pension Commissioners during 1918, and during the months of January, February, March and April, 1919. 6. Total expenditure for pensions for the year ending December 31, 1918. 7. Total expense of administering the Pension Act for the year ending December 31, 1918. Presented July 1, 1919.—*Mr. McGibbon*.. .. ..*Not printed.*

309. Return to an Order of the House of the 26th March, 1919, for a copy of all letters, telegrams, petitions, or other documents on file with the Post Office Department received since January 1, 1912, relating to the keeping open or closing of the post office at Sea View, P.E.I. Presented July 1, 1919.—*Mr. Sinclair, (P.E.I.)* .. ..*Not printed.*

310. Return to an Order of the House of the 19th March, 1919, for a Return showing:—The amount, if any, paid by the Government to the Halifax *Chronicle* for printing, advertising, job or other work for each of the following five fiscal years: 1914, 1915, 1916, 1917, 1918. Presented July 1, 1919.—*Mr. Proulx*.. .. ..*Not printed.*

311. Return to an Order of the House of the 11th June, 1919, for a Return showing:—1. Rentals paid by the Government during the years 1914, 1915, 1916, 1917, 1918 and 1919, to Mr. Huntley Drummond, of Montreal, for the lease of the Drummond Building. 2. Departments of the Government which were, and are located in the said building. Presented July 1, 1919.—*Mr. Brouillard*.. .. ..*Not printed.*

312. Return to an Order of the House of the 5th May, 1919, for a Return showing:—1. What rental per month the Government pays for all branches of Government service in the City of Edmonton. 2. What several branches of Government service are represented in Edmonton. 3. What building or buildings they occupy, and the monthly rental of each branch of the service. Presented July 1, 1919.—*Mr. Douglas, (Strathcona).* *Not printed.*

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313. Return to an Order of the House of the 8th May, 1919, for a copy of all letters, telegrams and other papers regarding the supplies purchased for Yukon Telegraph Lines during the fiscal year 1918-1919, including copy of all tenders, the names of the tenderers and the amount of each tender. Presented July 2, 1919.—*Mr. Lemieux... Not printed.*

314. Return to an Order of the House of the 23rd April, 1919, for a copy of all letters, telegrams, memoranda, contracts, reports, despatches, recommendations, agreements made, received, sent or entered into by any of the Departments of the Government, and any persons, companies or corporations with reference to, or resulting from the construction of the dam across the St. Maurice river at the place called Grand'Mère. Presented July 4, 1919.—*Mr. Desaulniers.. .. ..Not printed.*

315. Return to an Order of the House of the 23rd April, 1919, for a copy of all reports, recommendations, letters, memoranda, messages and estimates having reference to the construction of the piers used to anchor the booms which hold the logs that are floated on the St. Maurice river at Ste. Flore Station or above the Grand'Mère dam. Presented July 4, 1919.—*Mr. Desaulniers.. .. ..Not printed.*

316. Return to an Order of the House of the 25th June, 1919, for a Return showing:—1. When the War Bonus was distributed to the Inside Civil Service. 2. What Departments received said bonus. 3. Whether the same amounts were distributed to every Civil Servant in each Department. 4. Whether a bonus was distributed to the Civil Servants in the Soldiers' Civil Re-Establishment Department, and in the Department of the Board of Pensions Commissioners. 5. Whether any bonuses were distributed to the Civil Servants in the Department of the Canada Food Board. If so, when. If not, why. 6. Whether a Civil Servant who was employed in the Militia Department at the time the first Order in Council was passed granting bonuses, is entitled to said Bonus, although said Civil Servant has been transferred to another Department since. 7. Whether it is the intention of the Government to grant Bonuses this year. Presented July 4, 1919.—*Mr. Archambault.. .. ..Not printed.*

317. Return to an Order of the House of the 8th May, 1919, for a Return showing the amounts paid for advertising, printing, etc., by the various Departments of the Government during the fiscal years 1916, 1917, 1918 to the following newspapers: The Brantford *Expositor*, The Woodstock *Sentinel Review*, The Stratford *Beacon*, The Kingston *Whig*, The Hamilton *Times*, The Toronto *Globe*, The Toronto *Star*, the Guelph *Mercury*, The Niagara Falls *Review*, The St. Catharines *Journal*, The Ingersoll *Chronicle*, The Orillia *Times*, The Belleville *Ontario*, The Simcoe *Reformer*, The Richmond Hill *Liberal*, The Acton *Free Press*, The Mitchell *Recorder*, and the Owen Sound *Sun*. Presented July 4, 1919.—*Mr. Lemieux.. .. ..Not printed.*

318. Report of the Administrative Chairman of the Honourary Advisory Council for Scientific and Industrial Research of Canada, for the year ending March 31, 1919. Presented by Hon. Mr. Burrell, July 4, 1919.. .. ..*Not printed.*

319. Return to an Order of the House of the 23rd June, 1919, for a copy of all reports, Orders in Council, and all other papers in connection with the Halifax Relief Commission, including a statement of all receipts and expenditures in this connection up to May 31, 1919. Presented July 4, 1919.—*Mr. Duff.. .. ..Not printed.*

320. Return to an Order of the House of the 19th May, 1919, for a copy of all correspondence, memoranda, reports, plans and estimates relating to the construction of the retaining wall, along the shore of the St. Lawrence River, opposite the village of St. François-Xavier de Batiscan, in the County of Champlain. Presented July 5, 1919.—*Mr. Desaulniers.. .. ..

FIFTY-FIRST ANNUAL REPORT

OF THE

DEPARTMENT OF MARINE AND FISHERIES

FOR THE

FISCAL YEAR 1917-18

MARINE

PRINTED BY ORDER OF PARLIAMENT.

OTTAWA
J. DE LABROQUERIE TACHÉ
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1918

[No. 21—1919.]

To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc., etc., Governor General and Commander in Chief of the Dominion of Canada.

MAY IT PLEASE YOUR EXCELLENCY:

I have the honour to submit herewith, for the information of Your Excellency and the Parliament of Canada, the Fifty-first Annual Report of the Department of Marine and Fisheries, Marine Branch.

I have the honour to be,

Your Excellency's most obedient servant,

C. C. BALLANTYNE,
Minister of Marine and Fisheries.

DEPARTMENT OF MARINE,

OTTAWA, October, 1918.

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REPORT

OF THE

DEPUTY MINISTER OF MARINE AND FISHERIES

To the Hon. C. C. Ballantyne,
Minister of Marine and Fisheries.

Sir,—I have the honour to submit herewith my report for the fiscal year ending March 31, 1918.

As was the case last year, and possibly even to a greater extent, the question of supreme moment not only in the shipping world but in the world at large is the relation of ship building to ship sinking, for on this may hinge the issue of the war.

A part of this report will accordingly be devoted to ship losses by submarine and mine, the production of ships generally in Great Britain and the United States to offset these losses, and a detailed account of the part Canada proposes to take in the building of ships to supply much-needed sea transport for the Empire during the war, and to provide adequate means for carrying her own commodities overseas, in the period of reconstruction that will follow.

Weekly British Sinkings, Sailings and Arrivals from April 1, 1917, to April 1, 1918.

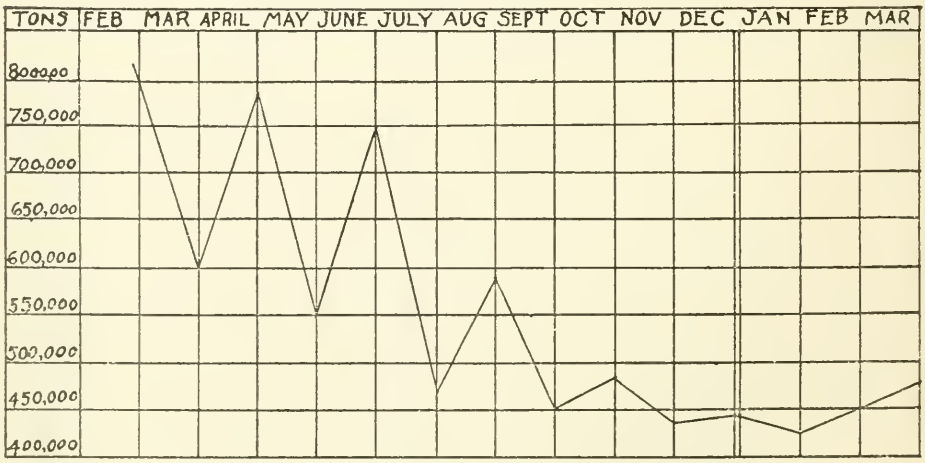
Week ended.	Over 1,600 tons.	Under 1,600 tons.	Sailings and Arrivals.
April 8	17		4,773
" 15	19	9	4,710
" 22	40	15	5,206
" 29	38	13	5,406
May 6	24	22	4,873
" 13	18	5	5,120
" 20	18	9	5,423
" 27	18	1	5,487
June 3	15	3	5,335
" 10	22	10	5,589
" 17	27	5	5,890
" 24	21	7	5,799
July 1	15	5	5,591
" 8	14	3	5,696
" 15	14	4	5,748
" 22	21	3	5,582
" 29	18	3	5,523
August 5	21	2	5,469
" 12	14	2	5,442
" 19	15	3	5,602
" 26	18	5	5,309
September 2	20	3	4,816
" 9	12	6	5,612
" 16	8	20	5,432
" 23	1	2	5,466

WEEKLY British Sinkings, Sailings and Arrivals, etc.—*Continued.*

Week ended.	Over 1,600 tons.	Under 1,600 tons.	Sailings and Arrivals.
Sept. 30	11	2	5,422
October 7	14	2	5,151
" 14	12	6	4,218
" 21	17	8	5,337
" 28	14	4	4,606
November 4	8	4	4,7·3
" 11	1	5	4,432
" 18	10	7	4,994
" 25	14	7	4,180
December 1	10	1	4,307
" 8	11	7	4,810
" 15	14	3	4,960
" 22	11	1	4,771
" 29	18	3	4,185
January 5	18	3	4,329
" 12	6	2	4,290
" 19	6	2	4,497
" 26	9	6	4,661
February 2	12	5	4,712
" 9	13	7	4,675
" 16	10	3	4,715
" 23	14	3	4,672
March 2	12	6	4,224
" 10	15	3	4,108
" 17	11	6	4,445
" 24	16	12	4,959
" 31	6	7	4,795
Total	896	334	289,127

Total number of ships sailing to and from British ports during the fiscal year 1917-18, exclusive of fishing vessels, 289,127; total losses due to war causes, 1,230, or 0·425 per cent.

MONTHLY Tonnage Chart of British Sinkings (deadweight) from February, 1917, to April, 1918.



The months of February and March, 1917, have been included in this chart for the reason that in February, 1917, the German toll of British ships reached its maximum, approximately 825,000 tons, and very nearly fulfilled the boast of the German Admiralty to sink 1,000,000 tons of British shipping monthly. During this month very possibly 1,000,000 tons of allied shipping were sunk.

The sharp up-and-down curve of this chart for some months is very marked; March drops to 600,000 tons, April rises to nearly 800,000 tons, May drops to 500,000 tons, June rises to 750,000 tons, July drops to 475,000 tons, August rises to 600,000 tons, and then from September, 1917, to April, 1918, the curve is much flatter, the sinkings for these months averaging about 450,000 tons, and never exceeding 500,000 tons.

If the sinkings for the seven months from February to August, 1917, are compared with the sinkings for the seven succeeding months, September to December, 1917, and January to April, 1918, it will be seen at once that the British losses by German submarine and mine have been cut down by about one-half, and this is not the only encouraging feature, for in the last seven months up to April, 1918, twice as many German submarines were sunk as in the previous seven, according to a diagram of "submarines sunk" issued by the British Admiralty.

Losses and Building of Allied and Neutral Shipping from August, 1914, to January 1, 1918.

The figures are taken from the *New York Journal of Commerce.*

Japan is excluded from the estimate, as her ships are not operating in the war zone to any extent.

Total tonnage of allied and neutral countries on August 4, 1914 (date of British declaration of war), 42,000,000.

Losses by mine and submarine, 9,500,000 tons; other marine casualties, 1,275,000 tons; total casualties, 10,775,000 tons; leaving a balance of pre-war tonnage still afloat on January 1, 1918, of 31,225,000 tons.

Shipping built and afloat from commencement of war to January 1, 1918:—

	Tons.
Great Britain, 1915	668,000
" " 1916	538,000
" " 1917 (estimated)	1,400,000
Total	2,606,000
United States, 1915	141,864
" " 1916	237,836
" " 1917 (estimated)	1,000,000
Total	1,379,700
Other construction	500,000
Total construction allied and neutral shipping	4,485,000
Pre-war tonnage still afloat on January 1, 1918	31,225,000
Total tonnage afloat on January 1, 1918	35,710,000

As the total tonnage in August, 1914, was 42,000,000, the decrease is 6,290,000 tons.

LOSSES AND BUILDING OF ALLIED SHIPPING FROM AUGUST, 1914, TO JANUARY 1, 1918.

Allied shipping in August, 1914, in round numbers:—

	Tons.
Great Britain	20,000,000
France	2,300,000
Italy	1,700,000
United States	8,000,000
Total	32,000,000

Losses from all sources since beginning of war up to January 1, 1918, 9,500,000 tons, leaving a balance of pre-war tonnage still afloat of 22,500,000 tons.

Constructed by United States and Great Britain and now afloat, and enemy vessels (ocean-going) commandeered, 2,400,000 tons; tonnage afloat on January 1, 1918, 24,900,000 tons; decrease since August, 1914, of 7,100,000 tons.

To keep pace with the growing population and commerce of a maritime country, it is computed that its tonnage should be increased by about 5 per cent annually; that is, allied tonnage on January 1, 1918, to meet ordinary peace requirements should have totalled 38,400,000 tons, so that the shortage of tonnage to properly carry on transportation in peace time amounts to 13,500,000 tons, and the strain of war transport is greater.

The crowning need of an increased output of ships is apparent.

During the months of January, February, and March the allied losses in deadweight tonnage were approximately as follows: January, 425,000 tons; February, 450,000 tons; March, 475,000 tons; total, 1,350,000 tons.

Completed shipping (not vessels launched) turned out by British yards during the months of January, February, and March: January, 83,382 tons deadweight; February, 150,057; March, 242,511; total output for the three months, 475,950 tons.

Completed shipping (not vessels launched) turned out by American yards during the months of January, February, and March: January, 79,541 tons; February, 120,700; March, 166,700; total output for the three months, 366,941 tons. Total British and American output for the months of January, February, and March, 1918, 842,891 tons; to this can be added 1,000,000 tons of Dutch merchant shipping commandeered by Britain and America during March, and 150,000 tons of Japanese shipping recently transferred to American register; total, 1,992,891 tons. As the losses for January, February, and March were 1,350,000 tons, the allied shipping situation on April 1, 1918, is better than on January 1, 1918, by 642,891 tons.

AMERICAN SHIPPING OUTPUT, 1918.

The merchant shipping tonnage that will be put afloat by America in 1918 bids fair to be a potent factor in the defeat of the German submarine, for America, at a stride, has attained the foremost place among shipbuilding nations.

The statistics here given are taken from a statement made to the "National Marine League" by Mr. Edward N. Hurley, Chairman of the United States Shipping Board, and published in the *New York Times* of March 27, 1918.

NEW YARDS.

The statement lays stress on the vital need of ships to insure the full power of America in men, munitions, and supplies, being brought into play in the war zone, and then goes on to state what has already been done and is being done to supply this need.

At the time of America's entry into the war there were 37 steel shipyards in the country; there are now 81 additional yards for the building of steel and of wooden ships, while 18 of the original yards have been expanded.

At the outset the 37 old yards began increasing their capacity and now have 195 ways as against the original 162. Thirty new steel yards are built or building, with a total of 203 ways. The aggregate of 67 steel shipyards will have a total of 398 ways; of these, 35 yards with 258 ways, are on the Atlantic and Gulf coasts; 19 with 66 ways on the Pacific, and 13 with 74 ways on the Great Lakes.

With regard to the yards for the building of wooden ships, the original 24, with 73 shipways, have now been increased to 81, with 332 ways, either completed or nearing completion.

The 332 wooden ways added to the 398 steel ways give a grand total of 730 ways for the building of steel and of wooden ships, or 521 more berths than at present obtain in England, according to a recent statement of Sir Eric Geddes.

Assembling Yards.

This term has been applied to three huge yards at Hog Island, near Philadelphia, on the west bank of the Delaware river, Newark Bay, N. J., and Bristol, Penn., because fabricated shipbuilding material from all parts of the United States is sent to them to be made up into the completed ship.

Hog Island, the largest of these, and by far the largest single shipbuilding yard and plant in the world, has 50 ways, Newark Bay 28, and Bristol 12.

The work of building these yards, with their numerous ways, in waste places and under the most trying weather conditions which induced severe congestion of traffic has been remarkable to a degree. Owing to their size, the output of these yards will be cumulative; thus at Newark Bay, 15 keels are already laid on the 15 completed ways, the remaining 13 ways are nearing completion; when these are finished a number of the ships on the first 15 ways will have been built, and these vacant ways plus the additional thirteen will all be available for the laying down of new keels; in the case of the Hog Island yard, owing to the much larger number of ways this cumulative effect will be nearly doubled.

It is estimated that when these three assembling yards are in full operation and being worked at pressure, they will turn out nearly as much tonnage in the course of a year as Great Britain has hitherto been able to produce in the same period.

Tonnage under Contract and Afloat.

The American yards had at the outset, under contract, 8,205,708 deadweight tons of steel merchant shipping, divided as follows: 5,160,300 tons under contract with the Emergency Fleet Corporation, and 3,045,508 tons of requisition vessels; and 1,715,000 tons of wooden vessels as well; what part of this vast project will be completed by the close of 1918 is at present, of course, impossible to determine, but this much is certain, on March 1, 1918, 655,456 tons or approximately 8 per cent were completed and in use, the output for the month of March was 188,275 tons, a total of 843,731 tons of American new construction afloat by April 1, 1918.

Besides this new construction, 112 German and Austrian vessels interned in American ports and badly crippled by their crews, were repaired and made serviceable; these represented a carrying capacity of 800,000 tons, if to this tonnage and to the new construction tonnage be added the 1,000,000 tons of Dutch merchant shipping commandeered in British and American ports during the month of March, and the 150,000 tons of Japanese shipping recently transferred to America in exchange for steel plates, it gives a total additional tonnage of 2,793,731 afloat on April 1, 1918, for the service of the Allies.

Training of Workmen.

The methods adopted in the United States for the intensive training in shipbuilding of their new workmen merit close attention by maritime or prospective maritime peoples.

In a large training school established at Newport News, Va., 247 skilled mechanics selected from 22 different yards, have been undergoing a six-weeks' course of intensive training for the purpose of fitting them for positions as instructors of recruits joining the various yards; 115 of these have already completed their course, and are now acting as instructors; the full force will be capable of training an industrial army of 37,000 men.

A special department for the training of electric welders has been organized, and a volunteer force of 250,000 craftsmen enrolled who have placed their services in regard to both time and place at the absolute disposal of the Government in the prosecution of their shipbuilding plans.

Japanese Shipbuilding Programme, 1918.

Japan has not been included in the estimates already given, as her shipbuilding has been entirely in her own interest, and very few of her merchant ships enter the war zone; it may not always be so, however, should the war continue; the Japanese shipbuilding programme for 1918 is therefore of interest.

According to the New York *Nautical Gazette,* which gives the names of the Japanese owners, and the yards in which the ships are building, the Japanese plan of shipbuilding for 1918 comprises 88 ships of 644,414 total deadweight tonnage.

Japan now ranks third among the nations of the world in shipbuilding, and fifth in merchant tonnage.

Canada and Sea Transport.

Prior to the war, and for sometime after, there were ten large ship companies operating between Canadian and British and Continental ports; owing, however, to the increasing toll of British, Allied, and Neutral shipping taken by mine and submarine and the shortage resulting, the demand for ships grew more insistent, and a number of vessels were taken from the Canadian and transferred to the Mediterranean and other routes wherever the need was most pressing; so that the conditions facing Canada to-day are, that whereas a few years ago there were ten companies operating at full capacity between Canadian and British and Foreign ports, there are now only about half that number with less than half the previous number of ships, operating intermittently.

In the reconstruction period after the war there will be an increased demand for Canadian raw material and foodstuffs, and very possibly for manufactured articles as well, Canada being now a very much better known and more widely advertised country; as British shipping to this country has been cut down by one-half and is not likely to be re-established for some years, owing to the lack of shipping everywhere and the need of shipping on all routes, it is apparent that if Canada is to have the required transportation, she must acquire the necessary ships.

Government Shipbuilding Programme.

There are three ways of establishing a merchant marine: by purchase outright, by placing orders with foreign shipyards for delivery at a stated time, or by building in home shipyards.

Australia during the first years of the war, feeling the pinch of lack of transport, bought sixteen cargo steamers, which not only relieved the congestion of her own export trade, but were of service in the general carrying trade of the Empire.

The great advantage of outright purchase is that the earning power of the ships, and payment of dividends on their outlay, begin at once; the deadweight price of freighters just now for immediate or prompt delivery is abnormally high, about $200 per ton, and indeed it is doubtful if any considerable number could now be obtainable at that or almost any price, as shipyards all over the world, including those of the Japanese, are being worked to their full capacity to supply ships for their own merchant marine, in anticipation of the tremendous demands that will be made on ocean tonnage in the period following the war.

Taking these factors into account the Canadian Government has decided to build annually 200,000 tons of merchant shipping at an estimated cost of between $40,000,000 and $50,000,000.

The principal shipyards for the building of steel cargo vessels at present operating in Canada are as follows:—

No.	Firm.	Plant.	No. of Berths.
1	The Davie Shipbuilding & Repairing Co.	Shipyard and drydock	4
2	Canadian Vickers, Ltd.	Shipyard, engine and boiler shops and floating dock	5
3	The Polson Iron Works, Ltd., Toronto	Shipyard, engine and boiler shops	4
4	The Thor Iron Works, Ltd., Toronto	Shipyard only	5
5	Canadian Allis Chalmers, Ltd., Bridgeburg	Shipyard, engine and boiler shops	3
6	Collingwood Shipbuilding Co., Ltd., Collingwood	Shipyard, engine and boiler shops	4
7	The Midland Shipbuilding Co., Ltd., Midland	Shipyard only	2
8	The British American Shipbuilding Co., Welland	Shipyard only	3
9	Port Arthur Shipbuilding Co., Port Arthur	Shipyard, engine and boiler shops	4
10	Wallace Shipyards, Ltd., Vancouver, B.C.	Shipyard, engine and boiler shops	3
11	Coughlan & Sons, Ltd.	Shipyard and boiler shop	4
12	Tidewater Shipbuilding Co., Three Rivers, Que.	Shipyard only	2
13	Nova Scotia Steel Co., New Glasgow	Shipyard only	2
			45

Contracts for vessels have already been placed as follows:—

No.	Firm.	Type D.W. tons.	Cost per D.W. ton.	Delivery Date.
			$	
1	Canadian Vickers	4,300	207 00	1918
1	"	8,100	180 00	1918
1	Collingwood Shipbuilding Co	3,750	205 00	1918
1	Wallace Shipyards, Ltd	4,300	207 00	1918
1	" "	4,300	207 00	March, 1919
1	" "	5,100	200 00	May, 1919
1	" "	5,100	200 00	Aug., 1919
1	" "	5,100	200 00	Oct., 1919
1	" "	5,100	200 00	Dec., 1919
9				

At present there are two berths vacant at Collingwood, and one at the Canadian Vickers yards, Montreal. Two additional berths will be vacant at Collingwood in April and May, 1918, and, at the Vickers yards, one in May, one in August, and one in September, 1918. Two berths will be vacant at Port Arthur in July, and at the Wallace yards, Vancouver, in May and July. The Midland yards will have room for new keels in October and November, and the Welland yards will have a berth ready in May, a second in July, a third in September, and a fourth in November. At Toronto the Polsons will have four berths vacant in October. The Tidewater Shipbuilding Company will have a berth ready soon, and the Levis yards another during the summer. The Bridgeburg yards will be in a position to lay down six keels before the end of the present year. The Coughlan yards will not be available during the present year, as they will be fully occupied in supplying orders already given.

The annual output of 200,000 tons contemplated is only the beginning of the Canadian merchant marine fleet, and the probability is that in 1919 or thereabouts the government project will be considerably extended.

The ships will be at the disposal of the British Admiralty during the war period, and at its close will revert to Canada to be operated either by the Government itself or by Canadian shipowners under charter from the Government.

MERITS OF PLAN.

There are a number of advantages accruing from the plan adopted by the Government for the building of a merchant fleet.

In the first place the cost per ton deadweight will be less than if the contracts were given to foreign yards for prompt delivery. The money involved instead of going out of will be spent in the country in aiding an industry the growth of which is important to the future welfare and development of Canadian trade and commerce. It will be the means of providing, when its scope is extended, for a number of munition workers who will be thrown out of employment after the war, particularly if rolling mills on a more or less extended scale are started in connection with the Canadian shipbuilding industry; and finally, it will mean the augmenting of a class of men invaluable to any country—the merchant mariners.

In order to hasten the construction of the vessels it was deemed advisable to utilize to the utmost the present Canadian yards, and to work at full pressure, rather than to multiply the number of shipyards, some of which would in all probability be undermanned for some time owing to lack of skilled workmen.

STANDARDIZING THE SHIPS.

Three principal types of vessels will be built under the government plan.

The first type will consist of vessels of about 3,750 tons deadweight capacity, length over all 260 feet, speed 9 knots; these vessels will be of the tramp type, and will be built principally in the Great Lakes shipyards, to avoid difficulty with canal locks.

An intermediate type will include ships of 4,300 tons deadweight capacity, length B.P. 320 feet, speed 12 knots.

The second type will comprise vessels of 5,000 tons to 7,000 tons deadweight (cargo liners), length over all 331 feet, speed 11½ knots.

The third will consist of combination liners, as provision will be made for carrying passengers as well as cargo; they will be of 8,000 to 10,000 tons deadweight capacity, length over all 400 feet, speed 12 knots.

These ships will be all built to a standard set of plans and specifications prepared for each type by the chief naval constructor of the department and his staff to

ensure uniformity and speed in construction, and the work of supervising the vessels while actually under construction in the different Canadian shipyards will also be undertaken by this body.

It is found by actual experience that the cargo vessel which gives the best return on outlay is one ranging between 7,000 and 10,000 tons deadweight capacity; below 7,000 tons and over 10,000 the ratio of wage-earning capacity to the cost of building is not so favourable.

This last type will fulfil this very essential condition, and will be the one which will perform the bulk of the work of Canadian sea transport.

PERSONNEL.

The work of providing suitable crews for the new Canadian merchant marine fleet will be of the first importance.

The Marine Department issues all certificates for masters, mates, and engineers of sea-going vessels, and is keeping an exact monthly register of all the men that are qualified for these positions, and of their whereabouts in order that their services may be requisitioned when required.

Every encouragement is also being given to seamen to induce them to attend the navigation schools at Halifax, Yarmouth, St. John, N.B., Kingston, North Sydney, and Vancouver, to take courses in navigation before qualifying for their certificates.

The Canadian Naval League is also aiding in the formation of naval brigades for the training of the young, and is carrying on an educational campaign emphasizing the importance to Canada of the building up of a merchant marine.

It is important that the personnel of the officers and crews of Canadian merchant ships should be confined as far as possible to Canadians, failing these to British or Americans, to ensure a common language. The employment of alien crews should be avoided at all costs. In this connection the testimony of Rear-Admiral Leigh Palmer, given before the American House Committee on Naval Affairs, and reprinted in the *New York Times* of February 9, is interesting and illuminating. It is published under the heading: "How alien crews imperil our ships."

Admiral Palmer sent three officers from his bureau in charge of armed guards on ships with alien crews plying from American to British ports, and instances some of their experiences. Many of the ships seem to have been floating towers of Babel and the confusion and disorder on board almost indescribable.

On one ship sailing from New York almost the entire crew, including storekeeper, boatswain, and boatswain's mate, came on board drunk. In passing through the war zone members of the engineer force persisted in smoking on exposed decks; as they were all foreigners and did not understand a word of English the guard had to remove the cigarettes and put them out.

"Steamship *Navajo*, August 1, 1917, 800 miles west of Ireland, shelled by submarine. Ship caught fire. Five minutes after alarm of fire crew abandoned ship. No effort made to put out flames. Boats loaded without stopping engines. Later crew returned on board, flames then being under control."

"Steamship *Wico*, August 6, 1917, near island of Guernsey, ship convoyed by British destroyer. Submarine sighted five hundred yards distant. One shot fired immediately and submarine submerged. Captain immediately on sighting submarine gave orders to 'abandon ship.' Armed guard prevented ship being abandoned and at point of pistol drove engineer force, including chief, below. Engines were started and ship resumed her voyage uninjured. Her escape undoubtedly due to presence of British destroyer. Merchant complement did everything possible to lose her."

"Steamship *Finland*, October 27, 1917, torpedoed in convoy, did not see torpedo or periscope. Greatest confusion of merchant complement, started to abandon ship

immediately. Only loss of life caused by boat falling while being lowered, spilling people into water."

"British ship *Idoemnus,* September 15, 1917, torpedoed near land. All hands immediately abandoned ship. Ship floated. Patrol vessels arrived and towed ship where she could be beached; otherwise would have been lost through hasty abandonment."

"French steamship *Mississippi,* bound for New Orleans, not in convoy, but a convoy and escort in sight, torpedoed, and submarine made off immediately, undoubtedly on account of convoy escort. Crew abandoned ship at once. Later a British patrol vessel happened by, put a crew aboard and brought her in. This is a typical case of hasty abandonment, and only by luck was she saved."

These instances, taken from a number cited by Admiral Palmer, of misconduct by alien crews, occurred during a period of intensive submarine war, when seamen's nerves were inclined to be jumpy; but the ordinary perils of the sea are by no means to be ignored, and take yearly a heavy toll of tonnage.

Improper conduct by a ship's company in a time of stress and danger may easily mean the loss of the vessel; this risk will undoubtedly be lessened by excluding aliens from the complements of Canadian ships.

Canadian Shipbuilding Disabilities.

In last year's report allusion was made to certain drawbacks attending the initial stages of Canadian shipbuilding; there is no reason why these should not be overcome in the course of a few years, with the exception of that of the climate, which in certain localities will not permit the launching of ships at all seasons of the year.

At present the greatest obstacle to the rapid and cheap production of steel ships in Canada is the lack of rolling mills capable of making steel plates and structural steel shapes for the larger cargo ships, in quantity; all the other parts of the ships, including the engines, can be made in Canada, but in order to carry its programme of building merchant ships to a successful completion, it was necessary for the Government to enter into negotiations with American firms for the supply of the needed plates and shapes; although the Americans at present are very much occupied with their own shipbuilding problems, these negotiations have fortunately been successful, and the necessary supplies for the Canadian merchant fleet have been assured.

It will, however, be of great advantage to the industry if, after the war, every effort is made to establish rolling mills on an extensive scale in suitable localities, in order that all the demands made on Canadian shipbuilding may be met by Canadian firms.

Insurance Rates and the St. Lawrence Route.

The formation of a Canadian merchant marine brings into greater prominence the question of the restrictions placed on the trade of this route by insurance underwriters, as compared with Atlantic port routes; restrictions which, in the opinion of a number of men qualified to judge, are somewhat unfair.

This high rate of insurance means an additional overhead charge on all vessels using this route.

The discrimination against the St. Lawrence route has been carried out despite the constant work of improvement done in the widening and deepening, and the lighting and buoying of the ship channel between Montreal and Father Point; the expenditure on this work has exceeded $1,000,000 annually for the last three years as follows: for the fiscal year 1914-15, $1,105,187; 1915-16, $1,101,820; 1916-17, $1,122,479; and the total cost of the channel since its inception in 1851 to the end of the fiscal year 1917 has been $21,520,371.

From Montreal to Quebec is 160 statute miles, and from Quebec to Father Point 181, and it is doubtful if any other waterway in the world of equal extent is more thoroughly safeguarded.

In the department's annual report for 1916-17, the superintending engineer of the St. Lawrence ship channel drew attention to a communication received from Messrs. Henry Fry and Company, Lloyds agents at Quebec, emphasizing the fact that no accident had occurred to any sea-going vessel between Father Point and Quebec in the course of the year, and he attributes this not only to the improved lighting and buoying of the channel, but also to the increased efficiency of the Pilotage Service.

If the continued improvement and additional safety of this route from year to year have not the desired effect of inducing Lloyds to lower the insurance rates for vessels trading on it, it may be necessary, in the interests of Canadian shipping, for the Government itself to take some steps to equalize the difference between the rates to Quebec and Montreal and those to the Atlantic ports.

Operations of Chief Canadian Shipbuilding Plants.

CANADIAN VICKERS, LTD., MONTREAL, QUE.

During the fiscal year 1917-18, additional shipbuilding sheds were built with overhead crane attachment, giving a complete layout of six building berths capable of taking vessels up to 10,000 tons.

The boiler shop was extended to a length of 164 feet and fitted with a 25-ton overhead travelling crane and necessary machine equipment. A large number of additional machine tools were installed during the year.

The shell shop was dismantled and equipped throughout for the manufacture of deck machinery such as cargo winches, windlasses, steam- and hand-steering gears, etc., and at the close of the year there were a number of orders in hand.

During the year, 12 submarines of 150 feet, 467 tons displacement, were built for the Allied Governments, and 8 steel trawlers for the Naval Service of 130 feet, 298 tons gross; 9 steel trawler hulls, with engines and boilers, were also supplied to the Naval Service, and 26 wooden drifter hulls.

Vessels under construction are a centre-ladder twin-screw hopper- and barge-loading dredge for the Marine Department; length 284 feet, breadth 48 feet, dredging depth 57 feet. Two cargo steamers for British flag are already launched, 7,000 tons deadweight capacity; length B.P. 390 feet, breadth moulded 49 feet, depth moulded 30 feet, speed 9 knots. Four cargo steamers for Imperial Munitions Board 7,000 tons deadweight; length B.P. 380 feet, breadth moulded 49 feet.

MIDLAND SHIPBUILDING CO., LTD., MIDLAND, ONT.

This company was formed in 1917 with a capital of $1,000,000.

The plant comprises: a brick office 50 feet by 32 feet of two stories, with clerical department and draughting office; a punch shed 210 feet by 100 feet, with mould loft above, with electrical boring and cutting machines; a furnace room, frame building 175 feet by 55 feet, with two heating furnaces, one for plates and one for angles, burning crude oil; in front of the furnaces is a 50-foot square cast-iron slab with air winch for handling material; and at one end of the building a large hammer operated by air, and blacksmith fires. A boiler-house of brick 30 feet by 50 feet has two boilers carrying 125 pounds of steam. The machine shop, 100 feet by 50 feet, is supplied with two air compressors, one with a capacity of 3,000 cubic feet driven by a 450-horsepower motor, and the other with a capacity of 780 cubic feet per minute; frame carpenter shop, 155 feet by 50 feet, for sawing and dressing materials completes the plant.

The company has at present about 900 feet of water front, along which travels a Gantry crane with a span of 240 feet, and a hoisting capacity of 5 tons at the outer end and 20 tons at the centre.

The company has at present one ship on the stocks and a contract for three others with the Imperial Munitions Board.

CANADIAN ALLIS-CHALMERS, LTD., BRIDGEBURG, ONT.

Incorporated from a bridge and structural plant to a shipbuilding plant in the autumn of 1917 and arrangements made with the Imperial Munitions Board for the building of four ships, length 261 feet over all, beam 43·6 feet, draught 23·6 feet, tonnage 3,500 deadweight tons, speed 11 knots; the capacity of the plant as now completed is ten 3,500-ton ships yearly: the property covers 600 acres and includes one-third of a mile of water front, with ample docking and launching capacity. The berths are equipped with modern travelling crane and facilities for launching vessels when completed.

The buildings consist of large plate shop, equipped with modern tools for the construction of ships, carpenter shop, power-house, and stores building.

The buildings are of steel construction, and adjacent to the shipbuilding berths as now constructed and as proposed.

Electric power is obtained from the Canadian Niagara Power Company.

PORT ARTHUR SHIPBUILDING CO., LTD., PORT ARTHUR, ONT.

This company during the fiscal year 1917-18 built and delivered three steel cargo steamers of the following dimensions:—

Name of Vessel.	Length.	Breadth.	Depth.	Tonnage d.w.	Speed (knots).
Ugelstad	261′	43.6′	28.2′	4,300	9½
War Fish	261′	43.6′	28.2′	4,300	9½
War Dance	261′	43.6′	23′	3,250	10½

Four trawlers, length 134 feet, gross 294·5, were also constructed for the Department of the Naval Service.

In addition, there are under construction two trawlers and three freight steamers.

WESTERN CANADA SHIPYARDS, LTD., VANCOUVER, B.C.

This company was formed with a capital of $30,000 to build six wooden steamers for the Imperial Munitions Board; length 250 feet, beam 43·6 feet, depth moulded 25 feet.

This yard has four ways and a complete equipment for the building of wooden ships.

BRITISH AMERICAN SHIPBUILDING CO., LTD., WELLAND, ONT.

Was incorporated in July, 1917, at a capitalization of $1,000,000.

The yard is on the Welland canal, and employs 325 to 375 men, operates two building berths, and is capable of turning out yearly four steel vessels of the following dimensions: length 261 feet, beam 43 feet, depth 23 feet, tonnage 3,500 deadweight tons; three vessels similar to these are at present being built for the Imperial Munitions Board.

YARROWS, LIMITED, ESQUIMALT, B.C.

The following improvements and additions have been made to this plant during the fiscal year 1917-18: foundry enlarged to 120 feet by 70 feet, and two travelling

cranes running full length of shop installed, one of 10-ton and one of 5-ton capacity. Blacksmith shop enlarged and 4-inch pneumatic hammer installed. New welding and coppersmith shop 24 feet by 6 feet has been built. A 10-ton floating crane with a 90-foot boom has been added to the plant.

The work of the yard for 1917-18 consisted chiefly of repairs to ships, but the following vessels were completed during the year: stern-wheel steamer *Saga,* 132 feet by 31 feet by 4·9 feet; stern-wheel steamer *Sind,* 132 feet by 31 feet by 4.9 feet; another stern-wheel steamer, 165 feet by 34 feet by 7 feet is at present under construction.

J. COUGHLAN & SONS, LTD., VANCOUVER, B.C.

This shipyard has a frontage of 1,000 feet on False creek, with a depth of another thousand feet, and a capacity, subject to the obtaining of material, of one 8,800-ton steel boat a month.

It was established in 1917, and took orders for three 8,800-ton steel vessels for the Norwegian Government, two of which were subsequently sold to the Imperial Munitions Board.

The yard has at present under contract for the Imperial Munitions Board seven 8,800-ton vessels, two of which are at present launched, and the remaining five will be launched at the rate of one per month (approximately).

A fully equipped boiler-shop, which supplies all the boilers for their ships, is included in the plant.

WALLACE SHIPYARDS, LTD., VANCOUVER, B.C.

The plant of this company is at present being considerably increased; two new ways are being built, which, when completed, will give three berths capable of taking vessels up to 450 feet in length.

The plant is equipped with modern machine shop, forge pattern shop, foundry, boiler shop, joiner shop, etc. There are two marine railways capable of hauling 2,300 and 1,500 tons, respectively, and at the end of the dock which is 400 feet long, are shear legs with a lifting capacity of 65 tons.

During the year the vessels built were the *War Dog* and the *War Power,* sister ships, length over all 315 feet, breadth moulded 45 feet, depth moulded 27 feet, the 1,500-I.H.P. triple expansion engines for these ships were built and installed by the firm.

The wooden shipbuilding yard which formed a part of this plant and which had built six wooden auxiliary, five-masted schooners, 250 feet by 45 feet by 19 feet, was disposed of to the William Lyall Shipbuilding Company in September last.

CAMERON GENOA MILLS, LIMITED, VICTORIA, B.C.

This shipbuilding company was incorporated in 1916, with a capital of $25,000, and an original programme for the construction of three 2,500-ton auxiliary schooners, and three berths were laid down; in June, 1917, a contract was undertaken for the Imperial Munitions Board to supply four wooden steamers from plans and specifications furnished by them, and another berth was laid down, making four in all. The last of these vessels will be completed by the middle of June.

The following lumber-carrying vessels were also built:—

	Tons reg.	Length.	Breadth.	Depth.
Margaret Haney	800	250′	45′	20′
Laurel Whalen	1,048	250′	45′	20′
Esquimalt	1,058	250′	45′	20′
Malahat	1,429	250′	45′	20′
Jean Steedman	1,252	250′	45′	20′
Beatrice Castle	1,248	250′	45′	20′

The carrying capacity of these vessels is 1,500,000 feet of lumber.

Other Canadian steel and wooden shibuilding plants are: Davie Shipbuilding and Repairing Company, Levis, Que.; Nova Scotia Steel and Coal Company, New Glasgow, N.S.; Dominion Shipbuilding Company, Toronto, Ont.; Polson Iron Works, Limited, Toronto, Ont.; Collingwood Shipbuilding Company; Kingston Shipbuilding Company; and Tidewater Shipbuilding Company, Three Rivers, Que.

WOODEN SHIPBUILDING PLANTS IN CANADA.

Annapolis Shipping Co., Annapolis Royal, N.S.
Fauquier & Porter, Hantsport, N.S.
Mortimer Parsons, Cheverie, N.S.
Bernard M. Melanson, Gilbert's Cove, N.S.
Ernst Shipbuilding Co., Mahone Bay, N.S.
W. R. & C. A. Huntley, Parrsboro, N.S.
J. F. Deveau, Meteghan, N.S.
Smith & Rhuland, Lunenburg, N.S.
Comeau Shipping Co., Comeauville, N.S.
F. H. McDonald, Meteghan, N.S.
Amos Blinn, Grosses Coques, N.S.
Theriault & Co., Belliveau Cove, N.S.
J. N. Rafuse, Conquerall Bank, N.S.
L. E. Graham, Port Greville, N.S.
Robar Brothers, Bridgewater, N.S.
Fred. Comeau, Little Brook, N.S.,
F. K. Warren, Grosses Coques, N.S.
William Naugler, Bridgewater, N.S.
Wagstaff & Hatfield, Port Greville, N.S.
G. M. Cochrane, Fox River, N.S.
James E. Pettis, Spencer's island, N.S.
T. K. Bentley, Advocate harbour, N.S.
W. M. McLean & Co., Mahone Bay, N.S.
Harkinson Shipping Co., Belliveau Cove, N.S.
Southern Salvage Co., Liverpool, N.S.
Thomas German, Meteghan, N.S.
Moise Belliveau, Church Point, N.S.
Fidele Boudreau, Church Point, N.S.
Albert Parsons, Walton, N.S.
Geo. A. Cox, Shelburne, N.S.
W. C. McKay & Son, Shelburne, N.S.
Joseph McGill Shipbuilding and Transportation Co., Shelburne, N.S.
Lewis Shipbuilding Co., Sheet Harbour, N.S.
E. F. Williams, Dartmouth, N.S.
Charles Griffin, Isaacs harbour, N.S.
J. A. Balcom & Co., Limited, Margaretsville, N.S.
Meteghan Railway and Shipbuilding Co., Meteghan, N.S.
O. O'Brien, Noel, N.S.
Noel Shipbuilding Co., Noel, N.S.
H. McAloney, Canning, N.S.
B. L. Tucker, Bass River, N.S.
S. Salter, Parrsboro, N.S.
J. S. Pugsley, Diligent river, N.S.
S. J. Soley, Fox river, N.S.
H. Elderkin & Co., Port Greville, N.S.
Smith Canning, Port Greville, N.S.
McLean & McKay, Economy, N.S.
Allan & Fraser, Fraserville, N.S.
J. W. Kirkpatrick, West Advocate, N.S.
Archibald McKenzie, River John, N.S.
Charles McLellan, River John, N.S.
Charles McNeil, New Glasgow, N.S.
Hilaire Boudreau, White Cove, N.S.
Beazley Brothers, Weymouth, N.S.
Warren, Rice & Co., Weymouth, N.S.
W. K. Smith, Plympton, N.S.
Eastern Shipbuilding Co., Ship harbour, N.S.
Shelburne Shipbuilders, Ltd., Shelburne, N.S.
Robert Rutledge, Sheet harbour, N.S.
J. W. Raymond, Port Maitland, N.S.
Robin, Jones & Whitman, Liverpool, N.S.
James Willard Smith, Hillsburn, N.S.
McLean Construction Co., Lunenburg, N.S.
Conrad & Reinhardt, Park's Creek, N.S.
Saulnierville Shipbuilding Co., Saulnierville, N.S.
Nova Scotia Shipbuilding and Transportation Co., Liverppool, N.S.
Chester Basins Shipbuilders, Ltd., Chester Basin, N.S.
Falmouth Shipbuilding and Transportation Co., Windsor, N.S.
Foley Brothers, Hantsport, N.S.
Sydney St. C. Jones, Little Brook, N.S.
Clare Shipbuilding Co., Meteghan, N.S.
Yarmouth Shipbuilding Co., Yarmouth, N.S.
John McLean & Son, Halifax, N.S.
James N. Lenteigne, Lower Caraquet, N.B.
Marine Construction Co., of Canada, Limited, St. John, N.B.
International Shipbuilding Corporation, Limited, Nordin, N.B.
Chas. T. White & Son, Sussex, N.B.
St. Martin's Shipbuilding Co., St. Martin, N.B.
Grant & Horne, St. John, N.B.
Quebec Shipbuilding and Repairing Co., St. Laurent, Que. (Isle of Orleans).
H. H. Shepherd, Sorel, Que.
Leclaire & Fils, Sorel, Que.
Tidewaters Shipbuilders, Ltd., Sorel, Que.
Quinlan & Robertson, Quebec, Que.
T. M. Kirkwood, Three Rivers, Que.
R. N. LeBlanc, Bonaventure, Que.
Sincennes McNaughton Line, Ltd., Sorel, Que.
Fraser, Brace & Co., Limited, Montreal, Que.
West, Peachy & Co., Simcoe, Ont.
Great Lakes Dredging Co., Fort William, Ont.
The Foundation Co., Vancouver, B.C.
British Columbia Construction and Engineering Co., New Westminster, B.C.
Pacific Construction Co., Coquitlam, B.C.
Wm. Lyall Shipbuilding Co., N. Vancouver, B.C.
Vancouver Shipyards, Limited, Vancouver, B.C.
Northern Construction Co., Vancouver, B.C.
New Westminster Construction Co., New Westminster, B.C.

STATEMENT of vessels built in Canada and registered during the year 1917.

Province.	Wood.									Metal.									Totals.		
	Sailing.			Steam.			Gas.			Sailing.			Steam.			Gas.					
	No.	Tonnage.		No.	Tonnage.		No.	Tonnage.		No.	Tonnage.		No.	Tonnage.		No.	Tonnage.		No.	Tonnage.	
		Gross.	Net.		Gross.	Net.		Gross.	Net.		Gross.	Net.		Gross.	Net.		Gross.	Net.		Gross.	Net.
Nova Scotia	57	15,250	12,887	4	986	559	24	588	524	....	....	.....	1	1,422	810	....	.....	....	86	18,246	14,780
New Brunswick	22	1,140	1,140	..	.....	....	1	25	16	....	.....	.....	....	.....	.....	..	...	.....	23	1,165	1,156
Prince Edward Island	....	.....	.....	...	...	...	..	....	...	.....	.....	...	....	.....	.....	...	.....	.....	...	.....	.....
Quebec	13	1,928	1,848	8	698	317	9	251	173	....	.....	.. ..	2	7,760	5,720	....	.....	.....	32	10,637	8,058
Ontario	1	67	67	13	973	543	2	29	19	....	.....	.....	3	5,403	3,302	2	35	18	21	6,507	3,949
Manitoba	...	.. ....	....	2	1,211	864	2	26	17	....	...	....	....	.....	.....	....	.....	.. ..	4	1,237	881
Saskatchewan	....	.....	.....	....	.....	...	....	.....	.....	....	.....	.....	....	.....	.....	....	.....	.....	....	.....	.....
British Columbia	12	5,372	5,238	....	.....	.....	65	15,903	12,214	...	... .	... ..	....	.....	.....	.. ..	....	.....	77	21,275	17,452
Total	105	23,757	21,180	27	3,868	2,283	103	16,822	12,963	....	....	.. .	6	14,585	9,832	2	35	18	243	59,067	46,276

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on December 31, 1917.

Ports.	Sailing Vessels.			Steam Vessels.		
	No.	Gross Tonnage.	Net Tonnage.	No.	Gross Tonnage.	Net Tonnage.
Ontario.						
Amherstburg	6	1,490	1,456	10	1,201	615
Belleville	3	241	217	11	241	144
Bowmanville	2	344	316			
Brockville	2	842	771	24	1,380	920
Chatham	4	566	556	10	971	532
Cobourg	1	100	100			
Collingwood	5	1,122	1,122	56	20,153	13,743
Cornwall				5	170	107
Deseronto	5	403	370	6	144	81
Dunnville	1	87	57			
Fort William	1	413	413	3	4,215	2,561
Goderich	7	1,085	1,085	2	1,589	1,056
Hamilton	3	807	780	22	12,573	7,899
Kenora	7	580	580	90	3,319	2,091
Kingston	62	10,091	9,497	115	10,611	6,172
Lindsay	19	1,224	1,224	28	626	416
Midland	7	3,681	3,166	42	39,248	25,845
Napanee	1	122	122			
Oakville	1	26	26			
Ottawa	152	19,192	18,337	291	44,187	23,667
Owen Sound	7	2,326	1,995	35	3,384	2,319
Peterboro	22	1,698	1,698	59	1,310	883
Picton	8	2,435	2,230	14	5,000	3,366
Port Arthur	43	18,766	18,084	76	40,723	25,190
Port Burwell	1	65	65	10	342	191
Port Dover	3	217	217	17	593	392
Port Hope	4	527	527	6	116	75
Port Stanley				2	1,174	768
Prescott	8	1,277	1,149	12	2,222	1,505
Sarnia	11	3,547	3,288	38	25,289	16,338
Southampton	1	96	50	11	410	278
Sault Ste. Marie	40	8,286	7,935	55	22,609	14,468
St. Catharines	28	6,553	5,944	54	2,045	1,336
Simcoe	2	36	36	2	35	18
Toronto	78	16,133	14,300	305	83,994	53,333
Wallaceburg	7	1,159	1,116	10	480	330
Whitby	1	190	190			
Windsor	29	2,818	2,712	20	4,831	2,913
	582	108,545	101,731	1,497	335,185	209,552
Prince Edward Island.						
Charlottetown	131	8,042	7,581	26	7,415	3,374
British Columbia.						
New Westminster	86	12,099	12,080	221	7,647	4,737
Prince Rupert	2	1,264	1,174	40	3,191	1,971
Vancouver	218	33,902	33,468	784	122,656	74,712
Victoria	105	22,725	21,489	278	55,766	33,371
	411	69,990	69,211	1,323	189,260	114,791
Saskatchewan.						
Prince Albert	1	145	145	4	660	385
Manitoba.						
Winnipeg	17	3,394	3,394	82	9,804	6,440

STATEMENT showing the number of Vessels and number of Tons, etc—*Continued.*

Ports.	Sailing Vessels.			Steam Vessels.		
	No.	Gross Tonnage.	Net Tonnage.	No.	Gross Tonnage.	Net Tonnage.
Yukon Territory.						
Dawson	1	556	556	9	2,571	1,648
New Brunswick.						
Chatham	399	8,198	8,037	99	3,934	2,404
Dorchester	3	355	340	2	8	6
Moncton	5	298	275	2	119	60
Richibucto	23	572	516	16	298	220
Sackville	4	302	265	3	65	45
St. Andrews	158	2,869	2,809	37	761	511
St. John	222	22,942	22,294	101	18,798	12,101
	814	35,536	34,536	260	23,983	15,347
Nova Scotia.						
Amherst	3	148	131	3	168	96
Annapolis Royal	15	2,948	2,553	6	330	178
Arichat	97	2,524	2,489	21	352	319
Barrington	74	1,829	1,776	21	365	316
Canso	46	843	843	3	40	37
Digby	90	2,903	2,769	12	319	228
Guysboro	8	407	395	..	..	..
Halifax	309	13,223	12,768	121	18,177	10,439
Lahave	3	554	443	..	..	..
Liverpool	38	4,102	3,614	28	1,804	895
Lunenburg	266	25,163	20,681	130	2,710	2,190
Maitland	12	1,574	1,364	1	88	59
Parrsboro	42	11,033	10,155	8	810	524
Pictou	9	341	320	16	577	369
Port Hawkesbury	63	1,420	1,404	6	107	98
Port Medway	10	840	793	5	76	71
Shelburne	75	5,562	4,842	17	694	511
Sydney	79	4,410	4,142	39	2,223	1,332
Truro	..	..	..	1	18	7
Weymouth	23	3,415	2,934	11	745	526
Windsor	38	18,227	16,796	17	3,654	2,004
Yarmouth	199	4,293	4,191	45	8,955	4,203
	1,499	105,759	95,403	511	42,212	24,402
Quebec.						
Gaspé	17	948	858	..	..	..
Magdalen Islands	12	490	481	3	506	249
Montreal	293	90,495	87,287	331	194,829	120,682
Paspebiac	18	369	349	5	115	73
Quebec	463	37,062	36,217	167	34,259	19,824
Sorel	36	12,567	11,489	46	13,156	6,433
	839	141,931	136,681	552	242,865	147,261

RECAPITULATION.

New Brunswick	814	35,536	34,536	260	23,983	15,347
Nova Scotia	1,499	105,759	95,403	511	42,212	24,402
Quebec	839	141,931	136,681	552	242,865	147,261
Ontario	582	108,545	101,731	1,497	335,185	209,552
Prince Edward Island	131	8,042	7,581	26	7,415	3,374
British Columbia	411	69,990	68,211	1,323	189,260	114,791
Manitoba	1	145	145	4	660	385
Yukon Territory	17	3,394	3,394	82	9,804	6,440
Saskatchewan	1	556	556	9	2,571	1,648
	4,295	473,898	448,238	4,264	853,955	523,200

COMPARATIVE STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on December 31, in each year from 1908 to 1917, both inclusive.

Province.	1908.		1909.		1910.		1911.		1912.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	938	66,402	937	62,984	951	59,637	966	55,872	1,001	57,369
Nova Scotia	2,052	164,919	2,058	160,286	2,054	149,737	2,105	142,631	2,158	143,295
Quebec	1,384	172,975	1,432	175,370	1,499	189,945	1,511	193,682	1,566	227,048
Ontario	2,028	192,970	2,061	208,652	2,027	227,457	2,014	236,877	2,017	253,376
P. E. Island	154	10,387	150	10,154	150	10,100	149	9,683	148	9,577
British Columbia	939	87,056	1,020	92,746	1,109	105,414	1,227	122,264	1,376	136,618
Manitoba	87	4,341	90	5,087	94	5,565	96	6,373	95	6,096
Yukon District	16	2,984	16	2,984	16	2,784	15	2,708	14	2,543
Saskatchewan	4	290	4	290	4	290	5	356	5	356
	7,602	702,324	7,768	718,553	7,904	750,929	8,088	770,446	8,380	836,278

Province.	1913.		1914.		1915.		1916.		1917.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,031	60,020	1,052	55,522	1,068	56,219	1,074	49,817	1,074	49,883
Nova Scotia	2,106	138,107	2,098	135,053	2,087	125,567	2,064	123,058	2,010	119,805
Quebec	1,628	247,225	1,663	259,143	1,590	267,897	1,452	273,770	1,391	283,942
Ontario	2,012	279,642	2,100	314,660	2,111	312,971	2,116	328,531	2,079	311,283
P. E. Island	149	10,071	149	10,029	158	11,518	155	10,652	157	10,955
British Columbia	1,506	15,306	1,591	147,192	1,643	144,835	1,687	145,525	1,734	183,002
Manitoba	93	5,545	103	7,999	84	7,480	95	8,953	5	530
Yukon District	15	2,940	11	2,295	11	2,295	11	2,295	99	9,834
Saskatchewan	5	356	5	529	5	530	5	530	10	2,204
	8,545	896,965	8,772	932,422	8,757	929,312	8,659	943,131	8,559	971,438

COMPARATIVE STATEMENT of New Vessels built and registered in the Dominion of Canada and their Net Tonnage during the year ended December 31, in each year from 1908 to 1917, both inclusive.

Province.	1908.		1909.		1910.		1911		1912.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	32	1,288	14	666	17	397	25	774	44	1,092
Nova Scotia	80	6,600	75	6,007	82	5,572	136	5,340	126	5,853
Quebec	62	7,279	66	5,895	58	7,012	30	2,726	49	5,744
Ontario	46	8,695	73	7,973	46	3,612	42	10,086	71	11,170
P. E. Island	5	254	1	5	2	23	4	61	1	34
British Columbia	76	4,778	93	4,068	84	5,177	98	7,781	128	10,647
Manitoba	1	9	5	692	5	490	3	902	1	546
Yukon District	2	80	.....	.....	.....	.....	.....	.....	.....	.....
Saskatchewan	.....	.....	.....	.....	.....	.....	1	66	.....	.....
	304	28,983	327	25,306	294	22,283	339	27,736	420	34,886

Province.	1913.		1914.		1915.		1916.		1917.	
	Vessels	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	45	1,114	31	1,319	22	1,114	22	332	23	1,156
Nova Scotia	67	4,899	56	3,303	51	2,982	65	7,661	86	14,781
Quebec	62	8,667	51	6,753	49	7,790	51	8,643	32	8 058
Ontario	38	15,572	78	23,567	38	4,709	26	5,507	21	3,949
P. E Island	3	804	2	35	2	24	.....	.....	.....	.....
British Columbia	128	9,000	97	5,867	79	2,057	65	4,487	77	17,452
Manitoba	1	18	11	2,899	5	156	15	1,573	4	881
Yukon District	.....	.....	1	3	.....	.....	.....	.....	.....	.....
Saskatchewan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	344	40,164	327	43,246	246	18,832	244	28,303	243	46,277

STATEMENT showing the number of Vessels removed from Registry in the Dominion of Canada during the year ended December 31, 1917, and the cause for such removal.

Sold to foreigners—U.S.A. 19, French 12, Danish 2, Russia 1	34
Wrecked	48
Stranded	11
Lost	9
Broken up, reported out of existence, condemned, dismantled, abandoned, etc.	216
Abandoned at sea	9
Colision	7
Foundered	9
Burnt	16
Transferred to St. John's, Nfld	16
" Barbadoes	3
" Georgetown Demerara	1
" Great Britain	5
Missing	6
Sunk by mine 1, by torpedo 14, by German raider 6, captured by German submarine 1	22
	412

It is estimated that 45,280 men and boys, etc., inclusive of masters, were employed on ships registered in Canada during the year 1917.

EXPENDITURE AND REVENUE.

The parliamentary appropriation for the fiscal year 1917-18 was $5,153,861.14; the expenditure $4,361,498.41; leaving an unexpended balance of $792,362.73, less overdraft of $19.49, $792,343.24. The net revenue was $228,812.13.

CORRESPONDENCE.

The total number of letters received during the fiscal year 1917-18 was 57,562, as against 48,792 in 1916-17.

The increase is due chiefly to the correspondence relating to the control of shipping, and the new shipbuilding programme.

The number of letters sent out was 33,220, as against 34,865 in 1916-17.

SEASON OF NAVIGATION.

Navigation in Montreal harbour opened on April 26, 1917, when three coasting steamers which had wintered there proceeded out.

The steamship *Percesien* arrived from Halifax on May 1, and the ss. *Cassandra* from Glasgow on the same date.

Navigation closed on December 8, 1917, but owing to the severity of the fall weather, many lake vessels and overseas trawlers were obliged to winter at Montreal or ports between it and Quebec.

STEAMBOAT INSPECTION.

The report of the Chairman of the Board of Steamboat Inspection is published as a supplement to the annual report.

A. JOHNSTON,
Deputy Minister of Marine and Fisheries.

APPENDIX No. 1.

ANNUAL REPORT OF COL. WM. P. ANDERSON, C.M.G., M. INST. C.E., ETC., CHIEF ENGINEER OF THE DEPARTMENT OF MARINE.

OFFICE WORK.

Total plans for twelve months (April 1 to March 31, 1918)..	2,171
Charts received and recorded..	118
Charts received and entered in chart books..	21
Photographs received and recorded..	198
Specifications and bills of material written..	100
Notices to Mariners issued (comprising 293 subjects).. ..	113

In addition to the work of this branch, the staff has been called upon to perform work for other branches of the service. For the Meteorological Service a 60-foot steel skeleton tower was erected at Cabot head, Georgian bay, for storm signal purposes.

PUBLICATIONS.

During the fiscal year 113 notices to mariners, covering 293 subjects, were issued. No attempt is made to cover completely waters outside the Dominion of Canada, but items containing information likely to be of service to Canadian shipping are always welcomed, and any external information specially sent to the department is invariably published. Within the Dominion, beside the activities coming under the immediate control of this department, such as new aids to navigation and changes in existing aids, which are regularly and promptly included in notices to mariners, a large number of items furnished by the Department of Naval Service, including twelve embodying regulations necessitated by the continuance of the war, has been published, and numerous other items include thirteen descriptions of channels dredged by the Department of Public Works; six items relating to wrecks; descriptions of uncharted dangers, and hydrographic notes resulting from surveys and inspections. Work done by the Hydrographic branch of the Naval Service Department has furnished numerous valuable details of uncharted dangers and general information for the correction of coast pilots.

The three volumes of the "List of Lights and Fog Signals" are annually kept up to date. A very large reduction has been made in the number of copies of each volume printed this year, but extra pains will be taken to place them where they will be of most use.

PERSONAL INSPECTION.

As is becoming more generally the practice the chief engineer and the assistant chief engineer made frequent trips of inspection during the past fiscal year, especially in connection with works of construction.

REMOVAL OF OBSTRUCTIONS.

During the past twelve months the following work has been done under the annual appropriation for the removal of wrecks and obstructions to navigation:—

		$ cts.
Pictou Harbour, N. S....	The following wrecks were removed by departmental diver: *Redento, J. Millard, Stanley and Cyrene*	549 79
New Carlisle, P. Q.....	The schooner *Hattie C.* was removed by F. Blais, under contract.	148 00
Caughnawaga, P. Q.....	Barge *Charland* was removed by the Department of Public Works	532 00
Three Rivers, P. Q.....	Ferry boat *Glacial* moved to a place where it is not an obstruction to navigation by Capt. J. D. Weir, Montreal agency.	
Simcoe Island, Ont.....	Schooner *Geo. A. Marsh* sank west of Simcoe island. The masts which were a menace to navigation were removed by the departmental diver.	117 57
Collingwood, Ont.	SS. *Germanic*, which was destroyed by fire and caused an obstruction, was removed by the owners, the Northern Navigation Company.	
Sarnia, Ont...	The scow sunk in harbour removed by the owner, W. A. Brown.	
Windsor, Ont...	Wreck of *John Plankinton* removed under contract by F. J. Trotter	5,900 00
	A number of small expenditures, such as buoying wrecks, advertising and incidental expenses, were incurred, making the total expended this year under this vote	7,719 30

MAINTENANCE AND REPAIRS TO WHARVES.

Large repairs are undertaken by the Department of Public Works. This branch attends to minor repairs. During the past year $10,019.49 has been expended. The following is a list by provinces:—

Nova Scotia..	$ 104 47	Montreal district.	1,210 26
New Brunswicw.	5,561 05	Ontario.	985 01
Prince Edward Island. ..	97 81	Quebec..	1,646 67
General account.	414 22	British Columbia.	nil.

ICE-BREAKING.

1. A three-year contract with the Canadian Towing and Wrecking Company, Limited, of Port Arthur, to keep the harbours at the head of lake Superior open for navigation until December 17 in each year, and to open them in the spring, as soon as the canal at Sault Ste. Marie is open for navigation, and under this contract the harbours of Port Arthur, Fort William, and West Fort William were opened in the spring of 1917 in good time.

2. The usual contribution of $300 was made towards keeping open the St. Croix river in the vicinity of St. Stephen. The annual cost of this work is in the neighbourhood of $1,000, and the department of late years has contributed $300 a year towards this, the remainder being made up locally.

NOVA SCOTIA.

New Aids to Navigation.

Name of Light Station.	Nature of Work.	Expenditure during Fiscal Year.
		$ cts.
Bedford Narrows	Erection of range pole lights, with sheds at base, with headlight lanterns having 18-inch reflectors	680 86

Changes and Improvements in Existing Aids.

Brier Island	Installation of an electric plant	287 65
Cape Fourchu	Steam fog-alarm plant converted into an oil plant by the installation of 15-h.p. engines and compressors, and type "F" diaphone	739 18
Cape Freels	Improvement to water supply for fog-alarm plant by caulking with oakum the two dams	70 00
Cape Race	Repairs to station	805 48
Cape Roseway	Installation of apparatus; preliminary expenses	100 25
Cape Sable	Completion of installation of an oil plant started last year	771 84
Cape St. Mary	Erection of mast and shed; installation of No. 3 tubular lamp	372 62
Cap Rond	Repairs to protection work	3,448 34
Cheticamp	Expenses *re* searching title to site	23 08
Church Point	Ontstanding accounts in connection with repairs to tower	20 00
Dartmouth	Provision and erection of 3-section steel skeleton tower for back light of inner range, and installation of Duplex lamp and 36-inch reflector	336 15
	Improvements to departmental property	1,863 50
Digby Gut	Planting posts, hanging gate, etc	15 00
Egg Island	Installation of 3rd order quick flashing apparatus	7,856 58
Flat Point	Repairs to protection work	1,434 06
Glace Bay	Salving front range light building	173 20
George Island	Erection of concrete tower, brick dwelling, installation of fog bell, and 8-foot cast-iron lantern with 270 4th order lens	2,750 35
Hobson Island	Repairs to cribwork	2,718 98
Ile Haute	Building breakwater	311 86
Little Hope	Repairs to keeper's dwelling and boathouse	403 01
Lockeport	Provision and installation of duplicate 1½-inch diaphone	7,473 62
Louisburg	Installation of a modern oil plant. Work started last year	319 04
Mary Joseph	Repairs to boatslip	298 78
Mauger Beach	Repairs to breakwater	1,399 46
Mullins Point	Repairs to front light	789 01
North Canso	Installation of Reliance clock	255 48
Pictou Bar	Repairs to breakwater	157 30
Port Greville	Erection of pole light, and provision of skiff	358 77
Sable Island	Provision and erection of 90-foot steel skeleton tower, and installation of illuminating apparatus	11,926 22
St. Esprit	Provision and installation of triple flash reflector	1,453 12
St. Paul Island	Completion of dwelling	53 85
Seal Island	Replacement of steam fog-alarm plant by an oil plant. Will be completed next year	101 85
Ship Harbour	Building an extension to lightkeeper's dwelling	755 95
Wedge Island	Repairs to breakwater and groynes	1,175 99
Whitehead Island	Illuminating apparatus improved by the installation of 3-sector Cote reflector	1,721 45
	Alterations to cistern of dwelling, etc	47 00
	Construction of solid concrete breakwater to protect the fog-alarm building	1,146 86
White Point (Cape North)	Erection of mast and shed	426 07
White Point	Repairs to road leading to Government wharf	20 00
Miscellaneous expenses	Materials, etc., in connection with the establishment of buoys, etc.	4,768 48
	Travelling expenses of officials, telegrams, salaries of foreman, etc.	3,076 30
	Total expenditure for Nova Scotia	62,905 59

NEW BRUNSWICK.

New Aids to Navigation.

Name of Light Station.	Nature of Work.	Expenditure during Fiscal Year.
		$ cts.
Cape Tormentine	Erection of wooden range-light towers. Work started last year.	700 80
Shemogue	Erection of two mast lights and shelter sheds	608 74
Bathurst	Erection of range lights	1,361 21
Buctouche	Old back light tower moved to near the back tower and converted into an oil shed	30 00
	Range lights moved to mark centre of line of dredged channel	846 55
Cape Enrage	Installation of modern diaphone plant	3,304 01
	Repairs to road leading to fog alarm	194 25
Cape Tormentine	Front range mast replaced by a steel skeleton tower, and installation of 4th order lens	1,287 79
Chockfish	Purchase of site	20 00
Cox Point	Erection of reinforced concrete tower	984 61
Dog Rock	Repairs to spindle	16 36
Escuminac	Construction of a concrete protection wall	79 74
Gannet Rock	Repairs to concrete pillars under the highwater landing	428 68
	Installation of heavier fog-alarm machinery by installing 12-H.P. engines and compressors	4,001 82
Grindstone Island	Installation of a modern diaphone plant	1,081 68
	Repairs to generator	4 35
Kouchibouguac	Moving shelter shed at North beach and relocating Bar range lights	76 00
Lorneville	Erection of oil shed	106 10
Lower Neguac	Main light improved by installation of a 6th order lens	95 00
Negro Point	Repairs to lighthouse	766 81
Oak Point	Repairs to foundation of back range tower	113 57
Partridge Island	Repairs and installation of a 50-H.P. boiler from Ma hias Seal Island	434 66
Point Lepreau	Installation of a 2½-H.P. gasoline engine and 50-feet extension to piping in well	84 35
Richibucto	Erection of a shelter shed	120 85
St. John (Marine Depot)	Excavation of berth at new depot	4,778 50
	To place curbing, and flooring oil shed	519 57
St. John West	Putting water pipes leading from Union street to No. 1 extension and No. 7 shed in first-class condition	1,731 16
	Repairs to doors of No. 7 shed	348 17
	Making 18 new shoes, repairs to loading platform, overhauling door tracks, etc., at Nos. 14 and 15 sheds	486 94
	Repairs to gangways, doors, etc., at Nos. 6, 7, 14 and 15 sheds	81 40
St. Martins	Erection of light on W. breakwater to replace lighthouse destroyed by storm	47 50
Southwest Wolf Island	Installation of single flash reflector	1,314 04
Swashway	Erection of two skeleton steel towers, one as a renewal, and the other to replace one destroyed by a windstorm	3,269 02
Tiner Point	Installation of an electric light system	220 63
Tongue shoal	Repairs to foundation of lighthouse	131 36
Miscellaneous expenses	Materials in connection with the establishment of buoys, etc.	470 62
	Travelling expenses of officials, telegrams, salaries of foremen, etc.	3,216 20
	Total expenditure for New Brunswick	33,363 04

PRINCE EDWARD ISLAND.

New Aids to Navigation.

Port Borden	Erection of range lights and the installation of 20-inch. reflectors with Duplex burners.	1,204 97

Changes and Improvements in Existing Aids.

Brush wharf	Repairs to breastwork at back range light	23 00
Cape Egmont	Repairs to fence	19 22
Charlottetown (Marine wharf.)	Wire to keep teams off east side of wharf, and painting mooring posts	11 00
	Repairs to float	13 25
	Repairs to wharf	102 10

PRINCE EDWARD ISLAND.—*Continued.*

Name of Light Station.	Nature of Work.	Expenditure during Fiscal Year.
		$ cts.
Covehead	Construction of two moveable range lights and boxes for lanterns	46 08
East point	Installation of a modern diaphone plant, not completed	426 31
Murray harbour	Temporary repairs to foundation of outer range light	20 00
Shipwreck point	Digging out the cellar under lighthouse and dwelling	20 00
Summerside	Cost of release of mortgage	20 30
"	Piles returned to stores and credited, $33	
	Total cost for Prince Edward Island	1,906 23

QUEBEC.

New Aids to Navigation.

Anticosti (N. Channel)	Erection of lighthouse and fog alarm plant at Charleton point, Table Head, and North point. Will be completed next year.	72,233 61
Escoumains	Provision of a hand fog-horn	18 30
Moisie river	Provision of a hand fog-horn	
Quebec bridge	Provision and erection of four anchor lanterns placed on the bridge	634 54
Bersimis	Installation of two standard headlight lanterns	149 90
Bird Rocks	Repairs to tramway and replacing groynes	4,485 35
Cape Anguille	Provision and erection of a derrick	231 57
Cap au Corbeau	Purchase of site	75 00
Cape Salmon	Completion of the installation of diaphone plant	3,732 58
East Cape	Installation of Aga equipment	1,390 52
Egg Island	Installation of new double flash apparatus, Chanteloup clock and 35 mm burner	1,387 08
Flower Island	Outstanding account in connection with installation of apparatus.	12 35
Grand Entry	Erection of new pole and provision and installation of headlight lantern	91 55
Heath Point	Construction of dwelling for lightkeeper	7,104 57
Little Metis	Erection of fog-alarm building and installation of fog-alarm plant	9,212 69
New Carlisle	Installation of anchor lantern and hoisting gear	196 45
Perce Wharf	Erection of mast on wharf	25 00
Pointe des Monts	Preliminary expenses in connection with new fog-alarm building and installation of fog-alarm machinery	146 57
Port Daniel	Erection of a 22-foot concrete tower replacing tower destroyed by fire, will be completed next year	1,690 80
Quebec (Henry Wharf)	Repairs to wharf	1,386 20
Quebec Agency	Installation of hydrant	113 22
Red Islet	Outstanding accounts in connection with installation of reflector.	55 10
River St. John	Re-erection of front light and rebuilding oil shed	94 92
Sandy Beach	Repairs to pier extension	27 50
Thunder River	Outstanding account in connection with the erection of shelter shed	18 85
Upper Traverse	Repairs to pier	1,182 90
White Island Light Ship	Installation of boiler	2,243 43
Miscellaneous Expenses.	Materials, etc., in connection with buoys and beacons	1,072 31
	Expenses incurred in the several workshops, including wages, material, power, etc., the salaries of erectors, travelling expenses of officials, telegrams and general upkeep of agency, etc.	46,942 89
	Total expenditure for Quebec	155,955 75

MONTREAL AGENCY.

Changes and Improvements in Existing Aids.

Bloody Island	Provision and installation of a 5th order lens and duplex lamp	363 40
Cap de la Madeleine	Erection of a 4-section steel skeleton tower to increase height of back light, and front light moved to new site.	2,519 57
Gentilly	Provision and erection of a 6-foot cast iron lantern and 30 inch reflector to replace apparatus destroyed by fire	1,816,65
Grondines	Purchase of right-of-way	210 00
Ile de Grace	Repairs to foundation	286 01
Montreal Agency	Repairs and fittings to boats and scows used on construction work, pay and board of men, including *Acetylene*, *Adelard*, *Lotbiniere*, *Margot*, *Quebec*, *Reserve*, *Sarah*, and other small scows.	16,041 78

MONTREAL AGENCY.—*Continued.*

Name of Light Station.	Nature of Work.	Expenditure during Fiscal Year.
		$ cts.
St. Sulpice Course	Moving tower on to expropriated ground	18 00
	Legal expenses in connection with site	42 00
St. Onge	Purchase of site	40 00
Sorel	Erection of fireproof storage shed	246 32
Vaudreuil	Provision and installation of two square station lanterns	74 11
Miscellaneous	Travelling expenses of officials, salaries of foremen, telegrams, etc.	8,837 58
	Materials, etc., in connection with the construction of buoys	1,909 83
	Total expenditure for Montreal Agency	32,405 55

ONTARIO.

NEW AIDS TO NAVIGATION.

Davieaux Island	Erection of a 30 foot concrete tower. Will be completed next year	6,860 08
Mission Channel	Erection of acetylene beacon	85 93
Point Abino	Erection of a reinforced concrete lighthouse tower and fog-alarm building combined, lightkeeper's dwelling, installation of 3rd order dioptric apparatus, and diaphone	37,770 65
Port Burwell	Erection of small fog-alarm building, provision and installation of a 1½ inch diaphone plant operated by a gas engine	2,083 77
Quebec Harbour	Agate Island, lighthouse moved to main island and used as a front light, and erection of wooden tower for back light, and installation of catoptric lights. Cost of this work is included in the expenses at Davieaux Island.	

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Amherstburg	Repairs to wharf	290 00
Battle Island	Application of Toxement paint to tower	11 94
Belleville	Repairs to lighthouse pier	157 22
Bois Blanc	Re-erection of boathouse	425 38
Brighton	Repairs to No. 2 lighthouse pier	34 29
Colchester reef	Repairs	3,128 53
Cole Shoal	Alterations, installation of new lantern and strength of light increased	896 94
	Erection of fence at back range lighthouse site	33 49
Devils Elbow	Erection of two pairs of beacons	39 50
Four-Mile Point	Snake Island, lighthouse moved to Four-Mile point, and installation of 4th order lens	1,606 10
Gibraltar Point	Provision and installation of 4th order lens	298 50
Gull, launch	Repairs to launch	23 35
Hope Island	Construction of summer kitchen and alterations to dwelling	268 78
Main Duck Island	Construction of breakwater and elevated walk	59 41
	Repairs to boathouse and concreted floor of oil house, etc.	69 75
Niagara-on-the-lake	Repairs to cribwork, etc	362 92
	Outstanding accounts *re* installation of reflectors last year	103 88
Point Clark	Pointing stone lighthouse tower, painting same with Toxement, and repairs to lantern	659 35
	Plans, registration fees, etc., of site	26 45
	Digging drain	25 00
Port Maitland	Cost of diaphone, belting, etc., installed last year	126 53
Port Whitby	Repairs to lighthouse	118 00
Red Horse Rock	Construction of new foundation to lighthouse	519 68
Red Rock	Erection of metal chimney	36 02
Rondeau	Repairs to protection cribwork	156 65
Sister Rock	Re-construction of beacon and installation of Aga system	78 44
Snake Island	Repairs to cribwork	952 11
Western Islands	Construction of platform	312 77
Miscellaneous expenses	Repairs to scow *Prescott*	74 21
	Total expenditure for Ontario	57,695 42
Prescott	Under the system of operating the Dominion Lighthouse Depot there is a credit of $32,752 65 in its favour, which effects all the provinces and is shown in the recapitulation by provinces at the end of this report.	

SESSIONAL PAPER No. 21

BRITISH COLUMBIA.

New Aids to Navigation.

Name of Light Station.	Nature of Work.	Expenditure during Fiscal Year.
		$ cts.
Cook Point	Construction of concrete beacon	90 03
False Reef	Construction of concrete beacon	143 00
Genoa Bay	Construction of concrete beacon	144 95
Liddle Channel (North of Brook Island)	Construction of concrete beacon	113 49
Liddle Channel (East of Liddle Channel)	Construction of concrete beacon	166 66
Ogden Point	Cost of lantern, etc., installed last year	41 69
Quatsino Sound	Construction of concrete beacons at Mist rock and Bull rock	208 06

Changes and Improvements in Existing Aids.

Birnie	The unwatched light destroyed by fire was replaced by an automatic acetylene beacon	162 97
Carr Point	Installation of Aga light	360 35
Egg Island	Erection of oil house, tool shed, hoist engine room, and repairs to hoist. Completed this year	90 96
Entrance Island	Cost of surveying land	47 25
Langara	Provision of power car, planks for track, and an aerial carriage	825 94
Lawyer Island	Machinery for illuminating apparatus	1,480 89
Pine Island	Erection of aerial tramway, installation of engine, etc	795 63
Portlock Point	Construction of boatways, and building chimney	168 53
Race Rocks	Cost of diaphone engine, etc	1,568 72
Shoal Point	Beacon carried away by towboat replaced	216 18
Squally Point	Installation of Aga system	357 67
Victoria Depot	Improvements to depot by construction of roads, etc	1,648 96
	Reinforced concrete oil and carbide shed	3,849 70
	Renewing canvas deck on roof of derrick scow	168 46
Miscellaneous	Materials, etc., in connection with the establishment of buoys, etc	9,572 21
	Salaries of foremen, travelling expenses of local officers, telegrams, etc., labour and other expenses	4,126 31
	Total expenditure for British Columbia	26,348 61

HEADQUARTERS.

Miscellaneous expenses, including travelling expenses of officers, blueprint work, unforeseen expenses, photographic work, salaries of foremen, etc	19,748 32

RECAPITULATION BY PROVINCES.

Nova Scotia	$ 62,905 59
New Brunswick	33,363 04
Prince Edward Island	1,873 23
Quebec district	155,955 75
Montreal district	32,405 55
Ontario and Northwest	57,695 42
British Columbia	26,348 61
Headquarters	19,748 32
	$390,295 51
Dominion Lighthouse Depot credit	32,752 65
Grand total expended	$357,542 86

APPENDIX No. 2.

REPORT OF THE COMMISSIONER OF LIGHTS.

The principal work performed has been, an extension of the buoy and beacon services, together with the maintenance of lights and other aids to navigation throughout the Dominion, and the maintenance and inspection of public wharves under the control of the Department of Marine and Fisheries. The operations of this branch are set forth in tabular form in two inclosures.

In former reports it had been my habit to add further inclosures giving the names of lightstations and lightkeepers, a complete list of stations at which gas buoys were maintained, new establishments of gas and signal buoys, withdrawals, and a statement giving complete list of stations at which submarine bells were maintained. As this information is already contained in other government publications it is not repeated here.

INCLOSURE No. 1.—Statement, by districts, showing the number of lights of the several orders, lightships, lightboats, lightkeepers, fog signals, buoys, submarine bells, etc.

—	1st Order Lights.	2nd Order Lights.	3rd Order Lights.	4th Order Lights.	5th Order Lights.	6th Order Lights.	7th Order Lights.	Gas Beacons.	Pressed Lens Lights and other minor types.	Catoptric Lights.	Electric Lights.	Total.	Lightships.	Lightboats.	Lightkeepers.	Diaphones.	Fog Guns and Bombs.	Fog Horns and Trumpets.	Fog Whistles.	Sirens.
New Brunswick	..	2	4	21	14	19	58	2	16	42	4	182	1	1	150	15	....	1	1	..
Nova Scotia	3	5	12	52	28	31	68	..	26	75	13	313	2	..	290	23	1	1	4	..
Prince Edward Island	..	..	..	14	2	2	8	....	4	52	1	83	..	..	52	2	1	....	..	..
Quebec	5	7	15	22	6	16	42	5	18	89	10	235	4	..	185	27	6	...	4	1
Hudson Bay and Strait	..	..	..	....	..	..	..	10	....	....	..	10	..	..	.....	...	....	....	..	..
Montreal	..	..	..	9	12	7	18	6	34	145	5	236	..	..	160	.	....	....	..	..
Prescott	..	..	3	16	5	6	18	20	8	9	3	88	..	..	48	10	....	....	..	..
Parry Sound	..	5	9	21	14	14	51	27	34	66	20	261	1	..	148	23	....	1	2	1
Kenora	..	..	..	....	..	..	3	...	2	2	2	9	..	..	6	....	....	....	..	..
Manitoba	..	..	..	2	3	..	4	....	1	1	16	16	..	..	10	...	....	....	..	..
British Columbia	5	1	5	12	8	2	18	58	10	7	16	142	1	..	79	24	....	....	..	..
Total	13	20	48	169	92	97	288	128	153	492	75	1,575	9	1	1,128	124	8	3	11	2

—	Fog Bells.	Hand Fog Horns.	Hand Fog Bells.	Total Fog Signals.	Fog Signal Stations only.	Gas Buoys.	Gas and Whistling Buoys.	Gas and Bell Buoys.	Whistling Buoys.	Bell Buoys.	Submarine Bell Buoys.	Total Gas and Signal Buoys.	Lightship Submarine Bells.	Total Submarine Bells.	Lighted Spar Buoys, Floats and Dolphins.	Unlighted Buoys.	Stakes and Bushes.	Unlighted Dolphins, Spindles and Beacons.
New Brunswick	5	18	..	40	4	14	11	2	9	28	4	68	1	5	.....	828	1,469	14
Nova Scotia	7	56	..	92	4	6	21	11	16	45	5	104	1	6	... ..	1,326	139	45
Prince Edward Island	..	2	..	5	....	1	5	..	5	7	....	18	....	....	.....	401	401	5
Quebec	..	24	4	6	1	64	....	7	..	1	2	74	3	5	1	188	125	18
Hudson Bay and Strait	..	....	..	....	....	....	....	....	....	....	....	....	....	....	.....	....	....	.....
Montreal	..	....	..	....	....	88	....	....	..	..	....	88	....	....	1	527	180	128
Prescott	3	6	1	20	....	36	....	1	..	1	....	38	....	....	58	538	....	4
Parry Sound	3	36	..	66	....	36	4	8	..	2	....	50	1	1	28	564	39	36
Kenora	..	....	..	....	....	....	....	....	..	..	....	....	....	....	.....	365	.....	.....
Manitoba	..	4	..	4	....	....	....	....	..	..	....	....	....	....	....	25	.. ..	.. ....
British Columbia	12	8	..	44	4	3	11	5	1	3	....	24	1	1	14	221	.....	118
Total	30	154	5	337	13	248	52	34	32	87	11	464	7	18	102	4,933	2,353	368

ENCLOSURE No. 2.—Statement, by localities, giving the number of unlighted buoys, stakes, bushes, dolphins, spindles and beacons maintained throughout the Dominion during the fiscal year ended March 31, 1918.

NEW BRUNSWICK.

Locality and number of stakes, bushes, etc.	No. of Buoys.	Locality and number of stakes, bushes, etc.	No. of Buoys.
Aldouane, 42 bushes	5	Magaguadavic	13
Alma	3	Maquapit and French lakes, 57 stakes	13
Avon river (Nova Scotia)	5	Minudie (Nova Scotia)	1
Baie du Vin, 8 bushes	12	Miramichi bay and river, 12 bushes	35
Baie Verte and Port Elgin, 30 stakes	6	Miramichi river, Grandoon channel	20
Bartibog and Black rivers, 12 bushes	1	Miramichi, river, northwest branch	14
Bathurst	8	Miramichi river, southwest branch	9
Beaver harbour	4	Miscou	8
Black Brook, Miramichi river	3	Musquash	7
Blacks harbour	3	Napan river, 24 stakes	3
Bliss Island	1	Neguac	19
Buctouche, 34 stakes	22	Old Man rock (Nova Scotia)	1
Buctouche river, 260 bushes		Old Woman rock (Nova Scotia)	1
Campobello	10	Owl head (Nova Scotia)	1
Caraquet	16	Pea point	1
Caraquet to Maisonnette	3	Peases island (Nova Scotia)	1
Chamcook Harbour entrance	1	Petitcodiac river	8
Chance Harbour	3	Petit Rocher	1
Chebogue (Nova Scotia)	1	Pokemouche, bushes	6
Clarke Harbour (Nova Scotia)	1	Quace	1
Cocagne, 30 stakes	11	Richibucto	38
Cumberland basin (Nova Scotia)	1	Richibucto, Rexton and Browns yard	30
Dalhousie and Restigouche	10	Roaring Bull rock (Nova Scotia)	1
Deadmans	1	Robinsons Ball station, Wood harbour (Nova Scotia)	2
Digby and Annapolis river and Bear river (Nova Scotia)	16	St. Andrews, 3 stakes	19
Didgequash	6	St. Charles river, 60 bushes	
Dipper Harbour	4	St. John harbour	2
Dochet Island, St. Croix river	1	St. John river, 154 stakes	79
Dorchester	5	St. Louis, 70 bushes	9
Grande Anse	4	St. Louis river, 54 bushes and stakes	
Grandigue, 30 stakes, 20 bushes	2	St. Simon bay, 15 bushes	6
Grand lake, bushes	32	Salmon river, bushing	15
Grand Manan, 9 spindles	27	Schooner rock (Nova Scotia)	1
Grassy Island, St. John river, 18 stakes	7	Scotchtown	6
Great Shemogue	7	Shampers wharf, 15 bushes	2
Gull ledges (Nova Scotia)	1	Shediac	19
Hatfield point, St. John river, bushes	1	Shippigan, 27 pickets, 30 stakes, 1 beacon	27
Huckleberry gully, 28 bushes	4	Stay point, Lepreau river	1
Indian point bar channel, Grand lake, 10 bushes	3	Tabusintac	20
John ledge (Nova Scotia)	1	Tracadie, north gully, 100 bushes	12
Kouchibouguac and Black Lands gully, 150 bushes	14	Tracadie, south gully, 30 bushes	5
Letite, L'Etang and Bliss harbour	17	Tynemouth creek	4
Little Shemogue, 2 poles	5	Washadamoak lake, 144 bushes	2
Little Shippigan	4	Waweig river	2
Lorneville	1	West isles, 4 spindles	23
		Yarmouth (Nova Scotia)	9

NOVA SCOTIA DISTRICT.

Advocate harbour	9	Big Lorraine	3
Amherst basin	4	Birchtown	5
Apple river	8	Blandford	5
Ardoise	5	Boulaceet, Gillies point	1
Argyle river and sound	10	Bridgewater	6
Arichat	19	Brulé	9
Barrington, 11 dolphins	44	Calf Island bay	5
Bayside, Seag bay	4	Canso and St. Andrews passage, 20 winter buoys	31
Bear river	7	Cape Negro and Northeast harbour	17
Beaver harbour	9	Caribou	6
Beaver island	1	Chester and Gold river	28
Beaver narrows, C.B	2		

STATEMENT, by localities, giving the number of unlighted buoys, etc.—*Continued.*

NOVA SCOTIA DISTRICT.—*Continued.*

Locality and number of stakes, bushes, etc.	No. of Buoys.	Locality and number of stakes, bushes, etc.	No. of Buoys.
Cheticamp	14	McVarish shoal and Campbell point, Bras d'Or	4
Chezzetcook and Petpeswick	11	Merigomish, bushes	6
Christmas island and Barra strait	11	Middle ledge or South Easter, 1 winter buoy	1
Clark's harbour	17	Monsellier, 4 stakes	6
Clyde river	5	Musquodoboit	15
Cockerwitt pass and Woods harbour	19	Neil harbour	1
Coddle harbour	6	New harbour, 1 winter spar	
Cooks cove (Toby cove)	4	Northport	12
Country harbour	1	Orangedale	3
Crooked channel	5	Orpheus, off Green island	1
Crow harbour	3	Parrsboro	6
Denny river	3	Pennant harbour	11
D'Escousse and Lennox passage	29	Petitdegrat, 6 winter buoys	18
Deveaux shoal, off Betty island	1	Pollock shoal, off West Ironbound island	1
Dover	5	Pope harbour	4
East bay, Bras d'Or	5	Port Bickerton, 3 winter buoys	5
East Dover	3	Port Felix, 1 stake	11
Eskasoni	6	Port Hood, 2 winter buoys	5
Fourchu harbour	15	Port Latour	17
Freeport, 1 beacon	3	Port Hebert	13
Gegoggin	7	Port Medway	6
Glace bay	4	Port Morien	1
Goose bay, 35 stakes	8	Port Mouton	9
Grand Etang	4	Prlngle harbour	2
Great Bras d'Or	7	Prospect, lower	10
Guysborough	5	Prospect, upper	4
Habitants bay	5	Pubnico	21
Halifax	16	Pugwash	8
Harbour island	1	Ram rock, Jordan bay	1
Harrigan cove	3	River Bourgeois	6
Hautford shoal, off cape Hogan	1	River John, stakes	3
Havre Bouche, 6 stakes	4	River Phillip	6
Indian harbour	4	Rose bay, lower	6
Ingonish, South bay	9	Roseway	5
Isaac harbour, 9 winter buoys	13	St. Ann	12
Jeddore, winter buoys	11	St. Margaret bay	6
Johnson harbour	5	St. Mary river, winter buoys	11
Ketch harbour	6	St. Mary river to Sherbrooke	18
Kieley cove, Blind bay	4	St. Peter bay, 4 winter buoys	16
Lahave	5	St. Peter inlet	12
Lahave river	5	Sambro	29
Larry river, 7 stakes	3	Shad bay	8
Liscomb, winter spars	7	Shag harbour	17
Little Bras d'Or	12	Sheet harbour, 5 winter buoys	9
Little Dover	9	Shelburne	9
Little Liscomb	4	Ship harbour, lower, 6 winter buoys	11
Little Narrows	10	Shulee	8
Liverpool	10	Slaughenwhite ledge, Hubbard cove	1
Lockeport	14	Smith island, west bay	1
Lorembec (Little Lorraine)	5	Sober island to Ecum Secum	22
Louisbourg, 6 winter buoys	8	Spry bay	6
Lunenburg	8	Stoney island, Baddeck	1
Lunenburg, back cove	9	Strait of Canso	5
Lunenburg, middle south, 6 winter buoys	16	Sydney harbour	6
Mabou, stakes	20	Tancook island	3
Mahone bay	13	Tangier, 7 winter buoys	7
Mainadieu	5	Tatamagouche, 46 stakes	18
Marble mountain	5	Terence bay	3
Margaree harbour, 7 stakes	2	Three Fathom harbour	6
Marie Joseph and Ecum Secum, 11 winter buoys	16	Tidnish, stakes	5
Martin's brook	6	Tor bay	21
McKinnon harbour	6	Tusket river	9
McNab cove	2	Tusket Wedge, 3 spindles	17

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STATEMENT, by localities, giving the number of unlighted buoys, etc.—*Continued.*

NOVA SCOTIA DISTRICT.—*Concluded.*

Locality and number of stakes, bushes, etc.	No. of Buoys.	Locality and number of stakes, bushes, etc.	No. Of Buoys.
Voglers cove	3	West Dublin	12
Walkerville	3	Weymouth	19
Wallace, 33 stakes	11	Whitehaven, 5 winter buoys	8
Walton harbour	1	Whitehead island, 1 winter spar	4
Washaback river	7	Whycocomagh	
West bay	5	Yarmouth, 30 dolphins	
West Chezzetcook	7		

PRINCE EDWARD ISLAND DISTRICT.

Alberton	1	Little channel	3
Amherst Harbour (Magdalen islands)	8	Malpeque, 2 stakes	25
Bay Fortune	3	Miminegash	6
Beach point	3	Miscouche	2
Belle river	3	Montague, 10 stakes	7
Boughton or Grand river, 72 bush stakes, 1 beacon	12	Murray harbour and rivers, 25 stakes, 1 winter spar	35
Brae harbour	5	Mullens shoal, Grindstone island (Magdalen islands)	1
Brudenell river	5	New London, French river, 15 stakes	8
Cape Bear	1	North river, 14 stakes	3
Cape Sharp	1	Orwell and Vernon river, 36 bushes, 4 beacons	3
Cardigan, Lower, 2 winter buoys	8	Pictou (Nova Scotia.)	6
Cardigan, Upper	20	Pinette, 24 bushes	8
Cascumpeque, 13 stakes	16	Pointe du Chene (New Brunswick)	1
Charlottetown	15	Point Prim	1
Covehead	3	Port Hill	12
Crapaud, stakes	7	Pownal, 10 stakes	9
East river, 15 stakes, 8 bushes	14	Rifleman reef	1
Egmont bay, north, 19 stakes	9	Rollo bay	3
Egmont bay, south, 13 stakes	3	Rustico, 30 stakes	6
Entry island and Amherst island passage (Magdalen islands)	7	St. Peter harbour, 6 stakes	5
Georgetown, 6 winter spars	21	Sandy Hook (Magdalen islands)	1
Goose and Palmer harbours	5	Savage harbour	2
Grand Entry (Magdalen islands)	17	Souris	4
Grand river, off Cape Sixteen, Malpeque bay	8	Stanley and Bayfield channel, Southwest river—Clifton bridge, 14 stakes	9
Grand Tracadie	4	Summerside, 10 stakes	10
Great Shemogue (New Brunswick)	2	West point	2
House Harbour (Magdalen islands)	11	West river, 65 stakes	8
Jouriman reef (New Brunswick)	1	Wood islands	4
Jouriman shoal (New Brunswick)	2		

QUEBEC DISTRICT.

Anse a Beaufils	1	Lake St. John, Mistassini river, 60 bushes	12
Anse aux Gascons	1	Lake St. John, Peribonka river and Roberval, 35 bushes	16
Barachois de Malbaie	1	Little river east	1
Beaudry shoal, Gaspe basin	1	Little river west	1
Beauport	3	Maria	2
Bonaventure	11	Matane	2
Cap Chat	1	Moisie river	7
Cape Cove	1	Nanashkwan	4
Cape d'Espoir	1	New Richmond	3
Carleton point	1	Nouvelle roads	4
Echourie rock (Serpent reef)	1	Paspebiac	1
Fox river	1	Pentecost	1
Gaspe	6	Perce	2
Gros-cap-aux-Os	1	Point St. Peter	1
Lake St. John, Ashuapmuchuan river, 30 bushes	7	Port Daniel	1

STATEMENT, by localities, giving the number of unlighted buoys, etc.—*Continued.*

QUEBEC DISTRICT.—*Continued.*

Locality and Number of Stakes, bushes, etc.	No. of Buoys.	Locality and Number of Stakes, Bushes, etc.	No. of Buoys.
Portneuf-en-bas	9	St. Godfroy	1
Restigouche river	12	St. Michel de Bellechasse	4
River St. Lawrence, 10 beacons, 8 spindles, 6 winter buoys	31	St. Thomas de Montmagny	8
Ste. Anne river	1	Saguenay river, vicinity of Chicoutimi	33

MONTREAL DISTRICT.

Lake Memphramagog	1	St. Maurice river, Grandes Piles to Latuque, 106-day beacons	74
Ottawa river district	85	Yamachiche river, 30 balises and 4-day beacons	
Richelieu rapids, bushes		Yamaska river, 60 balises and 6-day beacons	
Richelieu river, above St. Johns	29		
Richelieu river, Sorel to Chambly	37		
River St. Lawrence, 10 balises	290		
Riviere des Prairies	11		
St Francis river, 80 balises and 12-day beacons			

PRESCOTT DISTRICT.

Bay of Quinte	17	River St. Lawrence, 4 beacons	81
Kingston, lake Ontario	12	Telegraph narrows, bay of Quinte	8
Lake Ontario, N.S. of Snake island light	1	Trent canal (maintained for this Department by Department of Railways and Canals)	317
" " of Long point, Wolfe island	1	Trenton, bay of Quinte	16
" " E. of Presqu'ile light	1	Whitby, lake Ontario	5
Lake St. Francis	33		
Murray canal and Presqu'ile bay	22		
Napanee river	17		
Picton harbour, Bay of Quinte	7		

PARRY SOUND DISTRICT.

Blind river	6	Mutton island, lake Superior	2
Burke shoal, lake Superior	1	Owen Sound channel, Georgian bay	4
Byng Inlet channel, Georgian bay, 6 beacons	27	Parry Sound channel, 2 beacons	20
Cache bay, lake Nipissing, 8 stakes		Parry Sound to Penetanguishene (Minnicoganeshene channel)	37
Cape Hurd, lake Huron	3	Pembroke	29
Clapperton channel, 1 beacon	8	Penetanguishene	12
Cloud bay, lake Superior	2	Pointe au Baril, 15 beacons	3
Collingwood	13	Port Arthur	17
Detroit river	30	Port Rowan	10
Goderich	7	Port Severn, Georgian bay	14
Grand reef, lake Superior	1	River Thames	7
Honey harbour	15	Rondeau	6
Kaministikwia river, Fort William, lake Superior	15	St. Clair river, Chenal Ecarte	1
Key harbour, Georgian bay	24	St. Joseph channel, lake Huron, 1 beacon, 5 winter buoys	25
Key Inlet channel, Georgian bay, 6 beacons		Sault Ste. Marie, canal approaches	32
Killarney harbour, Georgian bay	3	Silver islet, lake Superior	2
Lake Couchiching and narrows, 11 bushes	8	Southampton	7
Lake Huron and Georgian bay	22	South Baymouth	4
Lake Simcoe	5	Stokes bay	6
Lake Superior, southeastern part	7	Sturgeon river, 20 stakes	16
Lionhead harbour, Georgian bay	1	Victoria island, lake Superior	3
Little Current	27	Waubaushene	53
Meaford, Georgian bay	3	Wabuno channel, 3 beacons	5
Michipicoten	6	Wingfield basin, Georgian bay	4
Mud lake, river St. Mary, 2 beacons	11		

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STATEMENT, by localities, giving the number of unlighted buoys, etc.—*Continued.*

KENORA DISTRICT.

Locality and Number of Stakes, Bushes, etc.	No. of Buoys.
Maintained by Agency	365

MANITOBA DISTRICT.

Locality and Number of Stakes, Bushes, Etc.	No. of Buoys.	Locality and Number of Stakes, Bushes, Etc.	No. of Buoys.
Black river	6	Warren landing	12
Red river	7		

BRITISH COLUMBIA DISTRICT.

Alberni, Somass river, 4 beacons		Malaspina strait, 3 beacons	2
Alberni canal, 1 beacon		Masset sound, 1 beacon	
Arrow lakes, Upper and Lower	16	Metlakatla harbour	5
Barkley sound, 1 beacon	1	Mud bay, Serpentine and Nicomeck'l rivers,	
Baynes sound, 1 beacon	7	27 beacons	
Bloxam shoal, entrance Telegraph passage	1	Nanaimo harbour, 1 beacon	12
Boat harbour	2	Neill ledge, Broughton strait	1
Burrard inlet, 3 beacons	5	Observatory inlet, 2 beacons	3
Celia reef, Shute passage	1	Okisollo channel, 3 beacons	
Chatham sound, 1 beacon	4	Oyster harbour, 1 beacon	1
Clayoquot sound, 3 beacons	12	Pender harbour, 1 beacon	
Coal harbour	7	Pender island canal	2
Colburne passage	2	Pitt river	9
Courtenay river, 12 beacons		Porlier pass, 2 beacons	
Departure bay	1	Porpoise harbour	6
Dorcas rock, Ballenas channel	1	Portland canal	4
Enterprise reef, southern approach Active		Port Simpson	3
pass, 1 beacon		Prince Rupert harbour, 1 beacon	2
Esquimalt harbour, 1 beacon	4	Quatsino sound, 2 beacons	1
False narrows, Northumberland channel	2	Saanich inlet, 3 beacons	2
Fort point, Nass bay, 1 beacon		Satellite channel, 1 beacon	1
Fraser river	30	Seaforth channel, 3 beacons	
Ganges harbour	2	Sidney channel, 1 beacon	6
Gibson Landing, Shoal channel, 1 beacon		Skeena river, 5 beacons	2
Goletas channel, 1 beacon		Skidegate channel, 3 beacons	
Grappler reef, Houston passage	1	Skidegate inlet	1
Grenville channel, 3 beacons		South Thompson river, 4 day beacons	18
Haro strait, 1 beacon	2	Strait of Georgia, 2 beacons	5
Hankin rock, Fortune channel	1	Strait of Juan de Fuca	1
Hornby island, Lambert channel	1	Stuart channel, 3 beacons	2
Joan rock, Prevost passage	1	Sutil channel, 1 beacon,	2
Johnstone strait, 4 beacons	2	Tolmie channel, 1 beacon	
Kootenay lake	7	Trincomali channel, 2 beacons	3
Kootenay lake, northwest arm	11	Victoria harbour, 2 beacons	
Kuakume island, Fitzhugh sound, 1 beacon		Walbran rock, Fisher channel	1
Kyuquot sound	1	Welcome pass	1
Lama passage, 3 beacons			

APPENDIX No. 3.

RIVER ST. LAWRENCE SHIP CHANNEL.

REPORT OF V. W. FORNERET, B.A. Sc., SUPERINTENDING ENGINEER.

GENERAL INFORMATION.

The ship channel of the river St. Lawrence between Montreal and Father Point, has a total length of 340 statute miles.

The contracted part of the river, which may be properly called "Ship Channel" commences at "The Traverse" to which point from Montreal, the distance is 220 miles. This is divided into five divisions as follows:—

	Statute miles.
Division 1—Montreal to Sorel	45
" 2—Sorel to Batiscan (does not include lake St. Peter)	36
" 3—Lake St. Peter	20
" 4—Batiscan to Quebec	59
" 5—Quebec to the Traverse	60
Total	220

Owing to existing conditions, it was decided to reduce the dredging operations considerably during the season of 1917. Only eleven dredges and attending plant were placed in commission, compared with fifteen last season, to deepen and improve the ship channel. It was also decided to operate them with day crews only, instead of working 24 hours per day as formerly. This naturally made a great difference with the results obtained during the season, as compared with other seasons.

The total amount of material removed by the reduced fleet during the season of 1917, amounted to 2,517,376 cubic yards, varying from soft clay to very hard shale rock.

DIVISION 1—MONTREAL TO SOREL.

Longue Pointe Curve.—Some progress was made on the widening of this curve. It is proposed to increase the present width of 500 feet to 650 and deepen it to 35 feet at E.L.W.; the dredged material being hard-pan. Total number of cubic yards dredged was 8,250.

Pointe aux Trembles Channel.—Considerable work was done on this channel on the deepening to 35 feet at E.L.W. Only 500 feet for half the width of the channel remains to be done to complete it. The material removed consists mostly of shale rock and some clay. Total number of cubic yards dredged was 67,575.

Varennes Curve.—Only one dredge was placed to work for a short time on this curve, deepening to 35 feet at E.L.W. Material to be dredged being clay. Total number of cubic yards removed was 38,420.

Cap St. Michel to Vercheres Channel.—Good progress was made on this channel with the deepening to 35 feet at E.L.W. Had the dredges worked day and night as formerly, this channel would have been completed to 35 feet at E.L.W. There only remains 1,900 feet for half the width of the channel, yet to be done; material dredged being clay. Number of cubic yards removed was 345,100.

Vercheres Traverse.—One dredge was employed for a short period on this part of the channel on the 35-foot deepening project and some progress made. Material, clay. Total number of cubic yards removed was 24,325.

Vercheres to Contrecoeur Channel.—Good progress was made on this channel with the deepening to 35 feet at E.L.W; one dredge being employed all season; dredged material being clay. The total number of cubic yards removed was 366,775.

Contrecoeur Channel.—One dredge was employed on this channel all season, on the 35-foot deepening project. She worked at the commencement of the season on the "Petite traverse" for about a month, and the remainder of the season on Contrecoeur traverse. Total number of cubic yards removed was 156,000; the material being clay.

Repentigny Steamboat Channel.—A dredge was placed to clean up several lumps found with the testing scow at the lower end of the curve at the junction of Repentigny and Ile Lebel ranges, in order to take full advantage of the widened curve, which is now 700 feet in width. This channel is being used more every year, and consequently relieves the main ship channel of so much traffic and renders it safer. The total amount dredged, season of 1917, amounted to 10,000 cubic yards, the material being clay and stones.

Approach Channel to Imperial Oil Co's. Wharf, Pointe aux Trembles.—When this wharf was built by the Montreal Harbour Commissioners, it was constructed for 28 feet at low water, which depth is available at the wharf. It was found, however, that the depth of water from the main ship channel to this wharf was not more than 24 or 25 feet at E.L.W. Owing to the many inquiries and the large ships going to this wharf to take oil for overseas, practically every transport visiting Montreal harbour being required to take oil on her outward voyage, it was urgent that a channel approach be dredged to this wharf for these ships.

The Montreal Harbour Commissioners, not having the proper equipment to carry out this work, applied to the Department of Marine for the use of one of the ship channel elevator dredges and attending plant. As this work was very urgent, the department agreed to let the commissioners have the loan of a dredge. Work was commenced on September 4, dredging a channel 500 feet in width and 28½ feet at E.L.W. in depth. On November 27 work had to stop on account of ice. There remains only about a week's work to complete the channel, which it is proposed to do next season. The total number of cubic yards dredged amounted to 49,275; the material being clay and stones.

Division 2—Sorel to Batiscan (Does not include lake St. Peter.)

Ile de Grace Channel.—Very good progress was made in this channel which was completed to 35 feet at E.L.W. The number of cubic yards removed amounted to 350,850, the material being clay.

Upper Stone Island Course.—A commencement was made on this part of the channel to deepen to 35 feet at E.L.W., a dredge being employed here for a few days. The number of cubic yards dredged being 2,500. Material, clay.

Champlain Channel.—One dredge was employed for part of the season in cleaning up to 30 feet at E.L.W. some sand bars which had formed in this channel. This is the only point where filling of any importance occurs in the ship channel between Montreal and Quebec. The amount of dredging done amounted to 28,400 cubic yards.

Division 3.—(Lake St. Peter.)

No work was done in the division during the season of 1917.

Division 4.—Batiscan to Quebec.

Cap à la Roche Curve.—Two powerful rock dredges and one rock cutter, one stone lifter and attending plant, were employed all season on this part of the channel. Owing to the hard nature of the material to be dredged, being solid rock with numerous boulders to be lifted, and a very strong current to contend with, progress at this point is naturally slower than other parts of the channel. Notwithstanding good progress was made. Total amount dredged during the season was 80,706 cubic yards. In addition there is a considerable area broken by the rock cutter in readiness for the dredges to commence work next season.

Division 5—(Quebec to the Traverse).

North Channel.—(By way of Cap Tourmente to Goose cape).—During the season of 1917, the two powerful sea-going hydraulic dredges, Nos. 8 and 9, were employed dredging in this channel and very good progress was made, although the dredges worked only during the daytime. The number of cubic yards removed by both dredges during the whole season amounted to 989,200, the material being sand, gravel, clay and stones.

The Cap à la Roche semaphore, which shows the available depth of water in the dredged channel at Cap à la Roche, was put in operation May 4, 1917, and the St. Nicholas semaphore, which shows the depth available over the undredged St. Augustin bar, also on May 4, 1917.

The usual sweeping of the ship channel was done during the season and no obstruction of a serious nature was found. Some sand bars found in Champlain channel were removed before the low water season.

The total cost from 1851 to the end of the fiscal year, March 31, 1918, of the ship channel from Montreal to Father Point, including plant, shops, surveys, etc., is as follows:—

Dredging	$14,167,914 13
Plant, shops, surveys, etc.	8,107,622 99
Total	$22,275,537 12

The total number of cubic yards removed, amounted to 116,307,773, the material varying from very hard shale rock to soft blue clay.

River St. Lawrence Ship Channel between Montreal and Father Point.

accidents during season 1917.

During the season of 1917, very few accidents occurred in the River St. Lawrence Ship Channel, between Montreal and Father Point; and none of them can be attributed to any fault of the ship channel.

Montreal to Quebec.

Barge *Katie H.*—August 3. In tow of tug *J. H. Hackett,* struck lightly transport steamer *Celia* near Pointe au Soldat at head of lake St. Peter. Barge received slight damage.

Steamer *Imperoyal.*—June 5. Collided with steamboat *Maisonneuve* in Contrecoeur channel. The *Maisonneuve* sank outside of channel but was refloated

Steamer *Coniston.*—June 18. Collided with a canal barge loaded with coal at the upper end of No. 2 curve, lake St. Peter. The barge sank several hundred feet outside the channel, on the south bank.

Tug *Hudson*.—September 6. Tug *Hudson* belonging to the Sincennes McNaughton Towing Company went ashore near Baptists' island, harbour of Three Rivers, during a dense fog. Was pulled off with no damage.

Tug *Emma L.*—September 27. Tug *Emma L.*, belonging to the Sincennes McNaughton Towing Company capsized and sank in Montreal harbour while assisting to move ss. *Metagama*. The tug was immediately raised

Tug *Virginia*.—November 2. Tug *Virginia* belonging to the Sincennes McNaughton Towing Company with a tow of barges ran aground off Baptists' island, harbour of Three Rivers, north of the ship channel. Two of the canal barges sank, owing to damages received from colliding with a large barge forming part of the tow, which was aground.

Marine Signal Service.

Signal stations have been established for the purpose of maintaining communication between ship and shore by means of flag signals.

This system of stations extends from St. John, N.B., Halifax, N.S., Cape Race, Nfld., and Belle Isle, up the gulf and river St. Lawrence and through the Great Lakes to Sault Ste. Marie, Ont.

FOLLOWING IS A COMPLETE LIST OF STATIONS EAST OF QUEBEC.

	Name of Station.	Location.	Nautical Miles from Quebec.	Means of Communication.
R	Quebec	Custom House	0	Telephone.
X	St. Jean d'Orleans	Shore end of wharf	14	"
	Crane Island	Lighthouse	32	"
	L'Islet	100 yds. east of church	40	Telegraph.
	Cape Salmon	Lighthouse	81	Telegraph & Telephone.
	Rivière du Loup	Shore end of wharf	92	Telegraph.
	Father Point	" "	157	"
	Little Metis	Lighthouse	175	"
	Matane	"	200	"
	Pointe des Monts	"	219	"
	Cap Chat	"	234	"
	Rivière à la Marthe	"	260	"
	Cape Magdalen	"	294	"
F	Fame Point	"	325	"
	Cap des Rosiers	"	349	"
	Cap d'Espoir	"	377	"
	Point Maquereau	"	400	"
	West Point, Anticosti	"	332	"
	Southwest Point, Anticosti	"	360	"
	South Point, Anticosti	"	415	"
F	Heath Point, Anticosti	"	438	"
	Point Escuminac, N.B	"	462	"
	Amherst Island, Magdalen Islands	"	481	"
	St. Paul Island, C.B	Main Station	540	Telephone.
F	Money Point, C.B., N.S	Lighthouse	537	"
F	Flat Point, N.S	"	575	Telegraph.
F	Cape Ray, Nfld	"	553	"
	Cape Race, Nfld	"	826	"
F	Point Amour	"	673	Wireless Telegraph.
F	Belle Isle	"	734	" "
	Camperdown, N.S	Near Wireless Station		Telephone.
	Halifax, N.S	The Citadel		"
	Brier Island, N.S	Near Lighthouse		"
	Point Lepreau, N.B	Lighthouse		"
	Partridge Island, N.B	"		"
	St. John, N.B	Custom House		"
	Point Tupper, C.B., N.S	Lighthouse (Gut of Canso)		"
	Scutari Island, N.S	Lighthouse (east end)		"

LIST OF STATIONS EAST OF QUEBEC.—*Continued.*

WEST OF QUEBEC.

Name of Station.	Location.	Nautical Miles from Quebec.	Means of Communication.
Bridge Station	½ mile above new Railway Bridge on south shore.	6	Telephone.
St. Nicholas	At Tidal Semaphore	12	"
Portneuf	In front Lighthouse	31	"
Grondines	In old windmill tower	41	"
St. Jean Deschaillons	At Tidal Semaphore	45	"
Pointe Citrouille	Lighthouse	55	"
Three Rivers	Upper end of Bureau wharf.	68	"
Sorel	Middle of Government wharf facing the St. Lawrence riv.	100	"
Bellmouth	About 500 feet east of Contrecœur lower range light.	110	"
Cap St. Michel	On extreme point of Cap St. Michel.	125	"
Longue Pointe	Short dist. below pre bytery.	134	"
R Montreal	La Sauvegarde Building, 92 Notre Dame St. E.	139	"

WEST OF MONTREAL.

		Nautical Miles from Montreal.	
R Lachine Canal	Lock No. 2	0	"
R "	Lachine	8	"
R Soulanges Canal	Cascades Point	21	"
R "	Coteau Landing	33	"
R Cornwall Canal	Cornwall	62	"
R "	Dickinson's Landing	72	"
R Galops Canal	Lift Lock	99	Telegraph.
R Welland Canal	Port Dalhousie	298	"
R "	Port Colborne	321	"
R Soo Canal	Sault Ste. Marie, Ont.	820	"

Stations marked thus "R" are reporting stations only and are not equipped for signalling purposes. Stations marked "X" closed during the period of the war. Stations marked thus "F" are equipped with flash lights for night signalling.

The Longue Pointe signal station was moved to a new site a short distance below the presbytery, owing to the old site being required for track extensions by the Montreal Harbour Commissioners. The building was thoroughly repaired and new basement built, also drain and water connections installed.

BRIEF SUMMARY OF WORK PERFORMED.

1. Stations report movements of vessels to Montreal, Quebec, Sydney, Halifax and St. John.

2. Stations report weather conditions daily to Montreal, Quebec, Sydney, Halifax and St. John.

3. Montreal, Quebec and St. John publish daily bulletins giving weather and ice conditions and movements of vessels.

4. Montreal and Quebec publish daily bulletins showing the depth of water in the river St. Lawrence ship channel at Cap à la Roche and St. Augustin bar.

5. The signal service offices at Montreal, Quebec and St. John are open day and night for the purpose of furnishing the public with information of shipping matters.

6. The telegraph system of the Department of Public Works on the north shore of the gulf of St. Lawrence report the movements of vessels engaged in the coasting trade to the signal service at Quebec.

7. The collectors of Customs at all the seaports in the river and gulf of St. Lawrence, on the Atlantic coast and in the bay of Fundy report the arrival and departure of vessels engaged in the overseas trade.

8. Lloyd's agents at Quebec are furnished daily with full information of casualties and movements of vessels engaged in the overseas trade to and from ports in the province of Quebec.

9. Lloyd's agents at St. John are furnished daily with full information of casualties and movements of vessels engaged in the overseas trade to and from ports in the Maritime Provinces.

Ice Breaking, 1917-18.

REPORT OF ALPHONSE LAFLECHE, ACTING RESIDENT ENGINEER.

The Dominion Government steamers *Lady Grey* and *Montcalm* were employed in this work as follows:—

The *Lady Grey* commenced operations on November 23 from the foot of lake St. Peter to Three Rivers, on December 10 proceeded to Quebec to keep Cap Rouge passage and Quebec harbour open, broke two jams at Cap Rouge, one on December 27 and one on February 5. From February 18 to April 23, in conjunction with the *Montcalm,* kept the channel above Quebec open, from April 23 to 27 employed at the request of the Department of Railways and Canals in clearing Soulanges canal. This ended her season's work.

The *Montcalm* began work on December 15 escorting vessels to Murray Bay, from then until January 23 employed in escorting vessels and picking up lightkeepers; remained in Quebec undergoing repairs from January 23 to February 14; from February 18 to April 18, when she returned to Quebec, employed, together with the *Lady Grey,* in keeping the channel open above Quebec.

AVERAGE DEPTH FOR EACH MONTH IN THE 27½-FOOT CHANNEL (27½ FEET AT ORDINARY LOW WATER).

From Sorel Gauge during each year, May to November.

Year.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Highest	Lowest.
	Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.
1892	31 0	31 9	31 6	30 6	28 9	28 3	28 3	33 6	27 3
1893	36 0	34 3	30 9	29 9	29. 6	28 6	28 0	37 6	27 6
1894	34 6	31 9	31 0	29 2	28 3	28 9	29 0	36 0	27 7
1895	33 3	31 3	28 3	28 3	27 6	26 9	26 9	34 6	25 10
1896	33 6	30 6	28 9	28 0	27 6	27 9	29 0	37 0	27 4
1897	35 6	32 6	30 3	29 3	28 0	27 0	27 6	37 0	26 5
1898	31 6	30 9	29 8	28 2	28 2	28 3	28 6	32 1	26 9
1899	36 2	31 9	30 3	28 6	27 6	28 0	27 9	37 9	26 9
1900	33 6	30 9	30 6	29 6	28 1	28 9	29 2	35 9	27 4
1901	34 3	31 10	29 2	28 3	27 7	27 4	27 3	36 3	26 6
1902	32 2	32 2	32 2	29 4	28 1	28 1	29 0	34 1	27 6
1903	33 0	30 11	30 5	29 5	28 4	29 0	27 11	32 8	26 11
1904	36 3	34 5	30 9	29 5	29 5	30 4	29 3	37 4	28 1
1905	31 10	30 8	29 7	29 0	28 0	28 5	28 1	33 6	27 1
1906	32 4	31 5	29 3	27 11	27 3	27 4	27 6	33 3	26 9

AVERAGE DEPTH FOR EACH MONTH IN THE 30-FOOT CHANNEL (30 FEET AT EXTREME LOW WATER OF 1897).

1907	37 1	35 9	34 3	32 10	32 4	32 9	33 7	38 3	31 10
1908	41 5	37 10	33 10	32 10	32 0	31 0	30 6	42 4	30 0
1909	40 6	37 6	33 10	33 2	32 7	32 4	31 6	42 7	30 11
1910	35 7	34 5	32 3	31 7	31 6	31 6	31 7	37 1	30 7
1911	36 6	34 6	32 1	31 3	30 9	30 2	30 3	38 1	29 4
1912	37 9	37 6	33 6	32 8	32 6	32 6	34 9	40 11	31 3
1913	37 0	34 4	32 8	31 10	31 6	32 1	32 7	38 6	31 1
1914	35 2	33 0	32 4	31 4	31 3	30 11	31 0	36 10	30 3
1915	34 7	32 6	31 6	31 4	31 1	30 11	30 8	37 4	30 1
1916	38 9	37 2	34 0	32 5	31 7	31 9	31 10	40 0	30 9
1917	36 8	36 6	34 10	33 6	32 3	32 6	33 0	38 2	31 3

COST OF SHIP CHANNEL TO DATE.—TABLE SHOWING THE TOTAL COST OF THE DREDGING AND PLANT AND THE QUANTITIES DREDGED TO MARCH 31, 1918.

	Cost of Dredging.	Expenditure for plant, shops, surveys, etc.	Quantities dredged.
Montreal Harbour Commissioners, 1851 to 1888.	$ cts.	$ cts.	Cu. yds.
Dredging Montreal to Cap à la Roche to 27½ feet at O.L.W. and from Cap à la Roche to Quebec to 27½ feet at half tide	3,402,494 35	534,809 65	19,865,693
Department of Public Works.			
Dredging consisting of widening and cleaning up of channel, deepening Cap à la Roche to Cap Charles to 27½ feet at O.L.W. and dredging at Grondines, Lotbinière and Ste. Croix 1889 to June 30, 1899	829,583 08	486,971 79	3,558,733
Project of 1899.			
Dredging Channel between Montreal and Quebec to 30 feet at lowest water of 1897, also widening to a minimum width of 450 feet and straightening.			
Fiscal Year 1899-1900	100,191 01	265,270 78	1,107,894
" 1900-1901	136,680 83	287,040 04	2,479,385
" 1901-1902	185,429 80	479,731 47	3,098,350
" 1902-1903	255,776 55	277,703 50	6,544,605
" 1903-1904	276,958 59	308,765 44	4,619,260
Department of Marine and Fisheries.			
(This includes the work below Quebec.)			
Fiscal Year 1904-1905	311,087 93	277,225 69	2,716,220
" 1905-1906	431,768 30	317,327 37	4,047,530
" 1906-1907 (July 1, 1906 to March 31, 1907).	302,677 37	275,003 61	3,001,010
" 1907-1908	478,209 66	417,390 22	4,831,875
" 1908-1909	497,686 03	340,861 86	5,896,737
" 1909-1910	572,950 71	321,375 80	6,354,285
" 1910-1911	576,838 02	488,248 88	5,600,050
" 1911-1912	588,697 60	499,799 58	4,509,904
" 1912-1913	663,229 74	430,107 86	6,929,344
" 1913-1914	895,235 59	426,018 12	6,140,867
" 1914-1915	1,036,846 65	327,975 71	6,225,143
" 1915-1916	976,622 03	771,760 03	8,462,957
" 1916-1917	1,030,550 60	437,469 62	7,800,555
" 1917-1918	618,399 69	136,765 97	2,517,376
	14,167,914 13	8,107,622 99	116,307,773

PROGRESS OF DREDGING OPERATIONS AT THE CLOSE OF THE SEASON OF 1917, 30-FOOT PROJECT.

Locality.	Distance English miles.	Total length requiring dredging.	Length dredged in 1917.	Total length of 30 foot channel dredged.	Length yet to be dredged.
		Miles.	Miles.	Miles.	Miles.
Division 1—					
Montreal to Sorel	45	22·90		22·90	All completed.
Division 2—					
Sorel to Batiscan	36	12·45		12·45	All completed.
Division 3—					
Lake St. Peter	20	18·00		* 0·50	
				†17·50	
Division 4—					
Batiscan to Quebec	59	10·00	0·11	8·26	1·74
Division 5—					
Quebec to the Traverse	60	6·65		4·65	2·00
Total	220	70·00	0·11	66·26	3·74

* Not widened. † Widened.

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PROGRESS OF DREDGING OPERATIONS AT THE CLOSE OF THE SEASON OF 1917, 30-FOOT PROJECT.

Locality.	Length of Dredging.		Cubic yards yet required to be done.
	Required.	Done.	
Division 1—	Miles.	Miles.	
Longueuil Shoal		1·10	
Longue Pte. to Pte. aux Trembles (E.H.)		5·05	
Ile Ste. Therese		0·40	
Varennes to Cap St. Michel		3·00	
Cap St. Michel to Vercheres		4·50	
Vercheres Traverse		1·10	
Vercheres to Contrecœur		1·70	
Contrecœur Channel		6·05	
Total		22·90	
Division 2—			
Sorel to Ile de Grace		4·40	
Stone Island		1·10	
Ile aux Raisins		0·25	
Lake St. Peter (*See* Div. 3)			
Port St. Francis		0·50	
Three Rivers		0·50	
Cap Madeleine to Becancour		1·55	
Becancour to Champlain		2·25	
Champlain to Pte. Citrouille		1·30	
Batture Perron		0·60	
Total		12·45	
Division 3—			
Lake St. Peter	{	* 0·50 †17·50	} 200,000
Total		18·00	200,000
Division 4—			
Batiscan to Cap Levrard		3·00	
Cap à la Roche Channel	0·54	1·46	195,000
Pouillier Rayer		1·20	
Cap Charles		0·90	
Grondines		0·80	
Lotbinière		0·40	
Cap Santé		0·20	
Ste. Croix	0·60	0·30	300,000
St. Augustin	0·60		500,000
Total	1·74	8·26	995,000
Division 5:—			
Quebec to the Traverse	2·00	4·65	550,000
Total	2·00	4·65	550,000
Totals	3·74	66·26	1,745,000

* Not widened. † Widened.

PROGRESS OF DREDGING OPERATIONS AT THE CLOSE OF THE SEASON OF 1917, 35-FOOT PROJECT.

Locality.	Distance English miles.	Total length requiring dredging.	Length dredged in 1917.	Total length of 35 foot channel dredged.	Length yet to be dredged.
		Miles.	Miles.	Miles.	Miles.
Division 1— Montreal to Sorel	45	28·63	1·46	16·03	12·60
Division 2— Sorel to Batiscan	36	19·75	0·54	6·09	13·66
Division 3— Lake St. Peter	20	18·32		17·03	1·29
Division 4— Batiscan to Quebec	59	15·54			15·54
Division 5— Quebec to Goose Cape (North Channel)	66	8·14		0·75	7·39
Total	226	90·38	2·00	39·90	50·48

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PROGRESS OF DREDGING OPERATIONS AT THE CLOSE OF THE SEASON OF 1917, 35-FOOT PROJECT.

Locality.	Length of Dredging in miles.		Cubic Yards yet to be dredged.	Cubic Yards dredged.
	Yet to be done.	Done.		
Division 1—				
Longueuil Shoal	1·88		721,454	
Longue Pte. Traverse	0·39	0·08	443,592	51,550
Longue Pte. Curve	1·24	0·08	991,531	242,350
Pointe aux Trembles Channel	0·97	2·97	588,552	1,200,075
Ile Ste. Therese Channel	1·12		146,611	
Varennes Curve	0·50	1·64	674,396	2,216,210
Cap St. Michel Curve	1·00		500,500	
Cap St. Michel to Vercheres	0·25	4·47	140,233	1,913,350
Vercheres Traverse	1·10	0·14	281,789	28,875
Vercheres to Contrecœur	1·23	0·68	816,225	554,200
Contrecœur Channel	2·31	5·97	2,038,532	3,574,343
Lanoraie to Sorel	0·61		159,215	
Totals Division 1	12·60	16·03	7,502,630	9,780,953
Division 2—				
Sorel to Ile de Grace	1·01	3·97	945,656	2,764,404
Stone Island	1·42	0·69	466,370	414,890
Ile aux Raisins	0·99	1·10	202,125	777,224
Port St. Francis	0·67	0·33	491,303	248,275
Three Rivers	0·72		533,192	
Cap Madeleine to Becancour	2·40		1,348,578	
Becancour to Champlain	1·16		932,750	
Champlain to Pte. Citrouille	4·06		2,632,356	
Batture Perron	1·23		684,600	
Totals Division 2	13·66	6·09	8,236,930	4,204,793
Division 3—				
Lake St. Peter	1·29	17·03	1,161,570	11,335,582
Division 4—				
Batiscamp to Cap Levrard	4·48		2,386,168	
Cap Levrard Channel	1·27		781,666	
Cap à la Roche Curve	2·06		1,836,859	
Cap Charles Channel	2·04		1,077,416	
Grondines	0·33		513,332	
Lotbiniere	0·47		321,480	
Cap Santé	1·51		655,561	
Ste. Croix	1·47		798,518	
St. Augustin	1·41		826,207	
Totals Division 4	15·54		9,197,207	
Division 5—				
Quebec to Goose Cape (North Channel)				
Madame Reef Shoal	2·84		2,585,132	
West Sand and East Narrows Shoals	4·55	0·75	1,605,673	11,962,368
Totals Division 5	7·39	0·75	4,190,805	11,962,368
Totals	50·48	39·90	30,289,142	37,283,696

"Abstract of work of dredging fleet, etc."

Abstract of Work of Dredging fleet during Fiscal year ended March 31, 1918.

Dredge.	Locality of Dredging.	Time of Service.	Nominal Working Hours 24 per day.	Hours actual dredging.	Number of Scows Filled.	Number of cubic yards dredged (Scow Measurement).	Depth of dredging at L. W.	Width in Feet.	Character of Soil.	Remarks.
		Days.	Hours.				Feet in.	Feet.		
"Laurier" No. 2.....	Verchères Traverse...	30	300	198½	139	24,325	35 0	450	Clay.....	Captain Raphael Matte.
	Cap à la Roche Curve.	84	840	352	143	25,044	30 0	450 to 550	Shale rock.	
		114	1,140	550½	282	49,369				
"Lady Aberdeen" No. 3..	Pointe aux Trembles Channel.....	96	960	766¼	361	67,575	35 0	450	Shale rock and clay...	Captain Noé Baron.
	Channel approach, Pte aux Trembles.....	73	730	702½	249	49,275	28 0	500	Clay and stones.	
		169	1,690	1,468¾	610	116,850				
"Lady Minto" No. 4.....	Ile de Grâce Channel.	124	1,240	891	573	143,250	35 0	450	Clay.....	Captain Jos. Péloquin.
	Upper Stone Island Course.....	5	50	26¾	10	2,500	35 0	450	Clay.	
		129	1,290	917¾	583	145,750				
"Lafontaine" No. 5	Varennes Curve.....	28	280	221½	208	38,420	35 0	550 to 600	Clay.....	Captain Pierre Bibeau.
	Cap à la Roche, Curve	101	1,010	515½	309	55,662	30 0	450 to 550	Shale rock.	
		129	1,290	737	517	94,082				
"Baldwin" No. 6	Repentigny Curve ...	15	150	85¼	40	10,000	15 0	450 to 700	Clay and stones.....	Captain Antoine Morin.
	Longue Pointe Curve..	33	330	186½	33	8,250	35 0	450 to 650	Hard-pan.	
	Champlain Channel....	54	540	291½	128	28,400	30 0	450	Sand (Cleaning up).	
		102	1,020	563¼	201	46,650				

"Beaujeu" No. 8.....	North Channel, East Narrows.....	117½	1,272	1,185½	399	638,400	35	0	1,000	Sand, grav. clay & stones	Captain A. Bourget.
"Galveston" No. 9.....	North Channel, East Narrows.....	14	144	115	23	26,100	35	0	1,000	Sand, grav. clay & stones	Captain A. Hoffman.
	North Channel, West Sand.....	114	1,230	1,062	274	324,700	35	0	1,000	Sand, grav. clay & stones	
		128	1,374	1,177	297	350,800					
Elevator Dredge No. 12...	Petite Traverse	33	330	117¼	117	29,250	35	0	450	Clay.	Captain Alexis Morin.
	Contrecœur Traverse..	73	730	487½	507	126,750	35	0	450	Clay.	
		106	1,060	604¾	624	156,000					
Elevator Dredge No. 13...	Ile de Grâce Channel.	105	1,050	789¾	692	207,600	35	0	450	Clay.....	Captain Pierre Millette.
Elevator Dredge No. 14 ...	Verchères-Contrecœur Channel.....	124	1,240	902	863	366,775	35	0	450	Clay.....	Captain Jos. Goudreault.
Elevator Dredge No. 15...	Cap St. Michel-Verchères, Channel.....	121	1,210	716	812	345,100	35	0	450	Clay.....	Captain John Robidoux.
						2,517,376					

APPENDIX No. 4.

SOREL SHIPYARD.

REPORT OF SUPERINTENDENT W. S. JACKSON.

At the commencement of the fiscal year, April 1, 1917, the winter repairs and renewals of the St. Lawrence ship channel fleet and the construction of light department vessels were nearly all completed and the outfitting in progress, engaging of the crews for the new season's work, etc.

The river Richelieu was clear of ice April 6, 1917, and the St. Lawrence at Sorel April 15, 1917.

The first dredge of the fleet left Sorel to go into commission May 3, 1917.

During the season the vessels were all maintained in a good and serviceable condition, and the necessary repairs carried out without undue detention to the working of the vessels.

NEW CONSTRUCTIONS.

C.G.S. *Berthier*, Yard No. 59.—This vessel was completed in the spring of 1917, and after a second satisfactory trial trip, the vessel was transferred to the Naval Service Department and left Sorel on May 16, 1917, for Halifax.

C.G.S. *Argenteuil*, Yard No. 60.—Vessel was launched April 18, 1917, with machinery and boilers on board, after satisfactory trials, left Sorel to go into commission July 7, 1917.

Three single screw steel trawlers, yard Nos. 69, 70 and 71.—(Lot A.B.C. Trawler 32, Trawler 33, Trawler 34), for the Director of Ship Construction, Montreal. The hulls, engines and boilers for all three were made at the shipyard.

Trawler 32 left Sorel, after satisfactory trial trip, for Quebec, December 3, 1917;

Trawler 33 was ready to leave, but was caught by the ice and had to winter in Sorel.

Trawler 34 was also completed by the fall, except the boiler, the material for same not being delivered, the vessel had to remain in Sorel until spring of 1918.

Three single screw wood drifters, yard Nos. 72, 73 and 74.—(Lot D.E.F. D. 51, D. 52, D. 53), for the Director of Ship Construction, Montreal. The hulls and the boilers were all constructed at the shipyard and the engines were supplied by the Director of Ship Construction. These vessels were all completed and tried under steam satisfactorily and left Sorel for Quebec, No. 51, Nov. 15, 1917, No. 52, Nov. 25, 1917, No. 53, Nov. 15, 1917.

Three single screw trawlers, yard Nos. 75, 76 and 77.—(Lot B.), for the Director of Ship Construction, Montreal. The three hulls and two sets of engines are to be constructed by the shipyard and the third set of engines and all three boilers will be supplied to us. This order for two was placed October 31, 1917, and the third hull on January, 1918. Progress on the engines is good, but the hulls are being kept back for want of material.

An order was placed with the department by Messrs. The Canadian Vickers Company, for two Scotch marine boilers for their construction No. 66. They supply the material and we build the boilers for a lump-sum price. The order was placed March 27, 1918. Size of boilers 15 feet 6 inches diameter by 11 feet 6 inches long, working pressure 180 pounds.

BUOYS.

During the fiscal year 1917-1918, we have constructed and shipped to various destinations twelve buoys of different designs, and we have now orders for three shallow draft bell buoys; four Aga gas buoys and six reinforced steel winter buoys.

GENERAL.

The shipyard launches *Bronx* and *Leros* were maintained in good order and painted.

All the fences were kept in good order and whitewashed during the season.

The shipyard ways and wharves were repaired and kept in good condition.

The force employed during the fiscal year varied from 703 in June to 912 in November and averaged 807 men daily.

The financial statement shows the total amount expended at the shipyard and ship channel to have been $1,458,725.09.

APPENDIX No. 5.

EXPENDITURE AND REVENUE.

STATEMENT of Expenditure and Revenue, Marine Department, 1917-18.

Service.	Appropriation.	Expenditure.	Balance.
	$ cts.	$ cts.	$ cts.
Ocean and river service—			
Dominion steamers and icebreakers	1,180,000 00	1,108,539 23	71,460 77
Examination of masters and mates	16,500 00	13,589 12	2,910 88
Claims vs. defaulting steward	827 26	827 26	
Investigation into wrecks	12,300 00	9,633 18	2,666 82
Schools of navigation	8,000 00	4,814 53	3,185 47
Registration of shipping	3,000 00	2,615 90	384 10
Removal of obstructions	20,000 00	7,719 30	12,280 70
Winter mail service			
Cattle inspection	5,000 00	2,364 88	2,635 12
Wrecking plants	45,000 00	42,500 00	2,500 00
Sts. to replace "*Quadra*"	159,000 00		150,000 00
Unforeseen expenses	5,000 00	70 36	4,929 64
Total	1,445,627 26	1,192,673 76	252,953 50
Steamboat inspection—			
Steamboat inspection	79,749 00	70,380 61	9,368 39
Public works—Chargeable to capital—			
Ship channel	672,000 00	656,421 63	15,578 37
Dredging plant, Montreal and Father Point	216,550 00	94,537 59	122,012 41
Total	888,550 00	750,959 22	137,590 78
Scientific institutions—			
Meteorological service	201,793 00	193,236 96	8,556 04
Lighthouse and coast service—			
Compensation to Townsend	2,000 00	2,000 00	
Agencies, rents and contingencies	166,000 00	165,966 79	33 21
Salaries and allowances to lightkeepers	485,000 00	464,090 99	20,909 01
Maintenance and repairs to lighthouses	750,000 00	700,707 00	49,293 00
Construction of lighthouses, etc	600,000 00	357,542 86	242,457 14
Comp. allowance, Hilyard	500 00	500 00	
Signal service	60,000 00	53,253 80	6,746 20
Administration of pilotage	56,300 00	52,068 10	4,231,90
Maintenance and repairs to wharves	10,000 00	10,019 49	
Breaking ice in lake Superior, etc	40,000 00	25,141 00	14,859 00
Harbour master, Amherstburg	400 00	400 00	
Repairs to Maritime Road, Gaspe	1,000 00	797 98	202 02
Repairing sts. "*Scout*"	12,000 00	4,589 10	7,410 90
Pension to retired pilots	8,700 00	8,475 00	225 00
Telephones in connection with aids to navigation	500 00		500 00
Sts. "*Maisonneuve*"	12,000 00	11,936 19	63 81
McGillvray *vs* Kimber	2,821 05	2,821 05	
Total	2,207,221 05	1,860,309 35	346,931 19
Overdraft			19 49
Marine hospitals—			
Marine hospitals	75,000 00	51,623 89	23,376 11
Shipwrecked and distressed seamen	3,000 00	1,545 52	1,454 48
Total	78,000 00	53,169 41	24,830 59

STATEMENT of Expenditure and Revenue, Marine Department, 1917-18.—*Continued.*

Service.	Appropriation.	Expenditure.	Balance.
	$ cts.	$ cts.	$ cts.
Civil government salaries	220,920 83	211,147 70	9,773 13
Contingencies	32,000 00	29,621 40	2,378 60
Total, salaries and contingencies	252,920 83	240,769 10	12,151 73
Overdraft in repairs to wharves			19 49
Grand totals	5,153,861 14	4,361,498 41	792,362 73

RECAPITULATION OF SERVICES.

Ocean and river service	1,445,627 26	1,192,673 76	252,953 50
Public works (capital)	888,550 00	750,959 22	137,590 78
Lighthouse and coast service	2,207,221 05	1,860,309 35	346,911 70
Scientific institutions	201,793 00	193,236 96	8,556 04
Marine hospitals	78,000 00	53,169 41	24,830 59
Steamboat inspection	79,749 00	70,380 61	9,368 39
Civil government salaries	220,920 83	211,147 70	9,773 13
Contingencies	32,000 00	29,621 40	2,378 60
Grand total	5,153,861 14	4,361,498 41	792,362 73
Less overdraft			19 49
			792,343 24

STATEMENT of Revenue, Department of Marine, for the fiscal year ending March 31, 1918.

——	Gross.	Refund.	Net.
	$ cts.	$ cts.	$ cts.
Piers and wharves	94,622 52	521 00	94,101 52
Harbours	1,157 22		1,157 22
DOMINION STEAMERS.			
Champlain—Express, $402 68; freight, $2,279.97; passengers, $6,479.48; war tax, $7.20; meals, $2.20	9,389 33		
Druid, passengers	15 00		
Rouville, freight	137 95		
Montcalm—Passengers, $36.10; freight, $3	39 10		
			9,581 38
Retired pilots' fund	5,316 33		5,316 33
Steamboat inspection	1,588 80		1,588 80
Steamboat engineers' fees	1,204 00		1,204 00
Sick mariners' fund	64,351 67	715 97	63,635 70
Signal service dues	612 00		612 00
Fines and forfeitures	850 00		850 00
Marine register fees	54 18		54 18
Examination masters and mates	4,504 57	18 72	4,485 85
Casual revenue sundries	49,469 76	3,244 61	46,225 15
	233,312 43	4,500 30	288,812 13

APPENDIX No. 6.

METEOROLOGICAL SERVICE.

Toronto, May 14, 1918.

REPORT OF R. F. STUPART, DIRECTOR.

Meteorological returns have been received at the central office from 607 stations, inclusive of 31 new climatological stations, but exclusive of 112 storm-signal stations, and 7 stations which have ceased reporting.

The following are the new stations, together with the names of the observers:—

Dome Creek, B.C.—E. L. Webber.
Field, B.C.—Charles Statham.
Harper's Camp, B.C.—H. L. Walters.
Lake Hill, B.C.—E. L. Fleming.
Port Alberni, B.C.—C. T. Hilton.
Bow Island, Alta.—M. Mortensen.
Entrance, Alta.—C. MacFayden.
Meanook, Alta.—H. E. Cook.
Munson, Alta.—P. R. Fraser.
North Cooking Lake, Alta.—C. C. Bailey.
Whitlia, Alta.—R. H. Babe.
Alingly, Sask.—K. Varasour.
Bigger, Sask.—Dr. S. E. Shaw.
Herbert, Sask.—Chas. A. Stewart.
Lodge Creek, Sask.—W. G. Edgerton.
Usherville, Sask.—H. M. Morrison.
Crystal City, Man.—Ralph Greenway.
Morden, Man.—E. M. Straight.
Portage la Prairie, Man.—John Simpson.
Algonquin Park, Ont.—Geo. W. Bartlett.
Franz, Ont.—D. J. Bolton.
Harrow, Ont.—D. D. Digges.
Kapuskasing, Ont.—S. Ballantyne.
Bonaventure, Que.—H. Lane.
Farnham, Que.—L. E. Lorquet.
Spirit Lake, Que.—Pascal Fortier.
McAdam Junction, N.B.—W. J. Vaughan.
South Alton, N.S.—Thos. Welton.
Truro Normal Colege, N.S.—J. A. Benoit.
Belle Isle, Nfd.—P. Thomas.
Fogo, Nfd.—Harry Randell.

For various duties in connection with the service 382 persons, chiefly observers, have been in receipt of pay, and of this number 35 were employed in the central office.

CENTRAL OFFICE.

The matter of the appointment of a young man with good university qualifications to the forecasting branch is still in abeyance, but with the return of men from active service it should soon be possible to secure a suitable man.

The daily forecasts have been issued twice daily throughout the year and disseminated widely in all parts of the Dominion. In the western provinces good progress has been made in extending the bulletins to the more important points served by the Canadian Northern Railway, and arrangements have recently been made to issue a daily forecast to places in the interior of British Columbia. The monthly record of meteorological observations which, as stated in my last report has taken the place of the Annual Climatological report, has been brought almost as closely to date as is possible, and the service can no longer be reproached for issuing belated reports. The monthly map published from four to five days after the close of each month gives most valuable information regarding the progress of the seasons and is greatly appreciated by all directly concerned with agricultural operations. The daily weather map has been issued without a break throughout the year and much of the data it contains is telegraphed to all parts of the Dominion. The report of the Toronto Observatory which has been issued annually since 1860 is now printed in the meteorological office press and was in print at an earlier date this year than ever before. It contains data which is of much interest now and will be of the utmost value in the future. Never in the history of the service have there been so many applications for meteorological data as during the past year, and in many instances the preparation of the particular

data asked for has entailed considerable clerical work. Applications have been from government offices, from electrical development engineers, pulpwood companies, irrigation engineers, railways, legal firms, cities, agricultural institutes, farmers, prospective immigrants and many others, and all inquiries have been replied to as fully and promptly as possible.

The following is a brief summary of the facts regarding storms and the warnings for the past year: navigation on the Great Lakes and in the river and gulf of St. Lawrence did not open until about the end of April and closed again early in December, during the period storms were not numerous. On the Great Lakes the winds only reached gale force on twenty occasions and to that of a fresh or heavy gale but seven times. October was the most stormy month with three fresh to heavy gales, the dates being the 12th, the 26th, and the 29th. One fresh gale was recorded in April, one in May and one in November, while navigation closed after the heavy gale and cold weather of December 8. In the St. Lawrence gales were also few in number, namely twenty-two; eight only attaining to a fresh or heavy storm. In the Maritime Provinces where navigation does not close forty-seven gales were experienced during the fiscal year; nineteen being fresh to heavy. December was the stormiest month with four heavy gales; January, February and March each experiencing three. Warnings were given on nearly all occasions, but several times when signals were displayed no storm was subsequently felt. The despatch of storm warnings was continued throughout the year to Newfoundland and very few were omitted. The ss. *Florizel* which was wrecked on the night of the 23rd of February with a loss of over ninety lives, left St. John's in the face of the heavy easterly gale signals which were flying.

The percentage of verification of storm warnings issued for Canada was 84·1.

PHYSICS BRANCH.

Balloons with self-recording instruments for upper-air investigation were sent up from Woodstock on the international days until November 1917, when the supply of instruments was exhausted.

The particulars of those received are given in the following table:—

Date.	Greatest Height.	Temperature at Greatest Height.	Height of Stratosphere.	Temperature at Base of Stratosphere.
April 12	7·3 mls.	−58 F.	6·4 mls.	−60
May 2	6·7	−60	6 3	−62
June 3	9·3	−62	6·9	−64
June 6	9·4	−80	9·3	−80
June 7	8·6	−42	Remarks—Did not reach Stratosphere.	

The recoveries have again been poor and it is the intention when the ascensions are resumed to try some other locality that the balloons may stand a better chance of being found. All the results of balloon ascents have been published to date.

During September, 1917, Mr. Patterson took meteorological observations at Father Point, P.Q., during the acoustic survey by Dr. L. V. King. Small balloons were used for the determination of the wind direction and velocity in the upper atmosphere during each set of observations on the sound signals, and observations with a pilot tube to determine the gustiness of the wind were taken. At the same time records of temperature, pressure, humidity and wind were obtained on self-recording instruments. The work was essentially preliminary in character and it revealed the very great importance of a knowledge of the upper-air conditions and the gustiness of the wind, in any investigation on the propagation of fog signals. It also showed this that in order to corelate the different phenomena, the special self-record-

ing instruments with an open time-scale and the time given by our clocks are required. A special report was made on the subject to Dr. King.

On Mr. Patterson's return from Father Point, Que., he was requested to undertake important war work and as he has had to give almost all his time to his new duties it has been found necessary to curtail the work of the physics branch.

The exhaustion of the supply of balloon instruments, and the lack of material for making them and his absence have made it impossible to continue the balloon ascents at present, but it is hoped that they may shortly be resumed.

The observations on evaporation and radiation have been continued, and for the greater part of the year the electrical potential of the air, has been measured, but it has not been possible to complete the installation of the earth thermometers.

All mercury used in barometers is now so carefully purified that the most delicate tests give no trace of impurities, and all barometers that become damaged through breakage of the tubes, etc., are repaired with a new tube and filled in the laboratory by a new process which has given very excellent results.

AGRICULTURAL METEOROLOGY.

The division of Agricultural Meteorology has arranged with the Department of Trade and Commerce to have the assistance and co-operation of the Census and Statistics Office in collecting data regarding wheat growth and the weather changes. Details of this arrangement will be found described in the March number of the "Bulletin of Agricultural Statistics." The experimental plots maintained on the Dominion Experimental Farms are being continued for another year. The data from these plots is now in hand from three successive seasons.

A preliminary article upon the results of the analysis up to the present time will be found in the April number of the "Monthly Bulletin of Agricultural Statistics."

PUBLICATIONS.

The library of the meteorological office received in the year 1917, 284 books and periodicals, besides numerous pamphlets. No books, periodicals or pamphlets were received from Russia, Roumania, Serbia, Belgium, Greece, Bulgaria, Austria-Hungary and Germany. The sending of books and periodicals from British India has been stopped until the end of the war through lack of shipping. France and Italy have sent fewer books and periodicals than usual. Owing to war conditions fewer reports were sent out. Number of year reports sent out, 516; number of Toronto Year Books, 136; Monthly Record, 400 each month; Monthly Map, 547 each month; Daily Map, 380 each day.

INSPECTION OF STATIONS.

The following stations were inspected: Pelee Island, Leamington, Harrow, Port Stanley, Parry Sound, Algonquin Park, Stonecliffe, Woodstock, N.B., Winnipeg, Minnedosa, Saskatoon, Prince Albert, Edmonton, South Athabasca, Meanook, Calgary, Medicine Hat, Swift Current, Qu'Appelle, Montreal, Bonaventure, Paspebiac, St. Godfrey, Port Daniel, L'Anse aux Gascons, Grand River, Cape Cove, LAnse au Beaufils, Perce, Bathurst, Caraquet, Sydney, Louisburg, Glace Bay, Port Morien, Ingonish, North Ingonish, Neils Harbour, Dingwall, White Point, North Sydney, Halifax, Yarmouth, Father Point, Southampton (twice).

MAGNETIC OBSERVATIONS.

During the fiscal year ending March 31, 1917, photographic records of the daily changes in the magnetic elements at both Agincourt and Meanook were obtained without any material loss. Preliminary results obtained from a first reduction of these records are published in the Monthly Journal of the Royal Astronomical Society

of Canada. The final reduction and analysis of results for the year 1915 were issued during the year and the 1916 results are now being prepared for publication.

Index corrections for compass attachment to 87 transit theodolites were determined and furnished to the Surveyor General, and assistance was given to members of the staff in standardizing their total force instruments both before and after their field work.

A summary of the results of observations during the fiscal year is published in the transactions of the Royal Society for both Agincourt and Meanook.

TIME SERVICE.

During the year ended March, 1918, sixty determinations for time were made in the meridian with the 3-inch Troughton & Simms transit instrument. The positions of the stars have been taken from the British Nautical Almanac and the American Ephemeris. During most of the winter the sky has been very much clouded and the weather generally unfavourable for many observations. The collimation error of the transit has been determined by the usual methods of reversal on Polaris and reversal on the collimation mark and by least squares computation in conjunction with that of the Azimuth error. Time has been given to all enquirers over the telegraph and telephone lines.

The foundation of the transit pier has remained very steady, the instrument not requiring any alteration in adjustment during the year. The different clocks and timepieces have, on the whole, performed well, but a new sidereal clock should be installed, as it is very difficult to keep the time up to the standard with only one clock to rate from. The usual time exchanges between Toronto and Quebec, Montreal and St. John, N.B., have been made and recorded upon the chronographs at the different observatories, the errors of the clocks being obtained by interpolation between the latest observations. Signals have been given over the fire-alarm system throughout the year at 11.55 a.m. Time has been given weekly to the magnetic observatory at Agincourt and also to the Canadian Northern Railway running out of Toronto.

The following table will show the differences between the times at the several observatories and that at Toronto. The sign + indicates slow of Toronto:—

Date.	Montreal.	Quebec.	St. John.
1917.	Seconds.	Seconds.	Seconds.
April 13	−0·11	+0 04	+0·10
May 11	−0·61	+0·57	No exchange.
June 8	−0·04	+0·35	.....
June 29	−0·14	+0·62	−0·01
July 27	+0·59	+0 99	+0·04
August 24	−1·34	−0 46	+0·51
September 7	−0·20	+0·06	+0·02
September 28	−0·13	+0·44	−0·10
October 19	.....	−0·46	−1·20
November 16	−0·28	+1·01	−0·75
December 14	−0·04	+0·06	+0·06
1918.			
January 4	−0 39	+1·37	+0 69
January 25	−0·41	−0·23	+0·19
February 22	−0·56	−0·37	−0·90
March 15	−0·51	−0·04	−0·86
March 28	−0·29	+2·06	−0·15
Average difference	−0·30	+0 24	−0·17

Solar Observations.—The sun was observed with the 6-inch equatorial telescope on 144 days, on none of which was it completely free of spots. Very few observations were taken during December, 1917, and February, 1918, owing to cloudy sky and unfavourable weather conditions.

SEISMOLOGICAL OBSERVATIONS.

The Milne seismographs at Toronto and Victoria have been successfully kept in operation throughout the year without change in adjustment, both booms being kept at a period of 18 seconds. A small, illuminating lamp introduced in the Victoria instrument has reduced the thickness of the centre line on the trace. Previously, the line was so thick, it was impossible to detect small earth tremors.

Toronto registered 144 earthquakes during the year, two of which were very large, five of moderate character, and the remainder with amplitudes from 0·1 to 2 mm. The largest were recorded on May 1 and June 26, with centres in the region of the Kurile islands, and were possibly of submarine origin. The more moderate, occurred on June 8, July 27, August 16, December 29, and February 13, with centres generally in the Caribbean sea region. The quake on the 29th of December caused considerable damage and loss of life in Guatemala, whilst that on February 13, practically destroyed the Chinese city of Swatow, with the loss of life amounting to 10,000. Victoria recorded 122 disturbances during the year.

We continue to forward copies of our observations to various seismological bureaus throughout the world. Both Canadian stations are considered of great importance in helping to solve the laws regulating word-shaking earthquakes, but our seismographs were installed over twenty years ago, and seismologists consider the type as partially obsolete. The longitudinal or preliminary waves in a large percentage of cases are not registered, and it is highly important in the present study of seismology that these waves should be recorded, to determine absolutely their speed through the inner portion of the earth. A new type instrument adopted by the seismological committee of the British Association fulfills this requirement, and their stations are gradually being equipped with it.

It is hoped that in the near future our Canadian stations may be equipped with the same type, thereby restoring the value of our records to that high standard attained in earlier years.

PHENOLOGICAL OBSERVATIONS.

Phenological observation reports giving the dates of ploughing, sowing and reaping of grain, the flowering of plants, arrival of birds, etc., which indicate climatological conditions were received from forty-five stations. This is in excess of the number of the previous year. Excellent schedules, including average dates for Nova Scotia, were kindly supplied by Dr. A. H. Mackay, superintendent of education for that province; and credit is also due to Mr. W. H. Magee, inspector of schools for Saskatchewan, for seven reports from his section of that province. The collection and tabulation of phenological statistics is in charge of Mr. F. F. Payne.

OUTSIDE STATIONS.

Victoria.—The chief meteorological observatory of British Columbia to which all stations in that province report has been under the superintendence of Mr. F. N. Denison, who, with a staff of four assistants, has prepared bi-daily weather maps and issued forecasts for portions of the lower mainland. Quite recently it has been arranged to extend these forecasts to the more easterly portions of the province. Mr. Denison also superintends the computation of mean values for most of the stations and prepares monthly and weekly summaries for the press. The time ball at Victoria is operated by electric signal from the meteorological observatory. In addition to the meteorological and time work Mr. Denison has charge of a seismological equipment, which has for many years given most valuable records of seismic disturbance.

Edmonton.—Much of the work of this chief provincial station has, on account of the war, been in abeyance for the past three years, and at the present time no work beyond that of a telegraph reporting station is carried on.

Moosejaw.—All existing data regarding the climate of Saskatchewan are on file at the meteorological office in this town.

Montreal.—Prof. C. H. McLeod, who since 1873 had been in charge of the meteorological work at McGill University, died very suddenly and the service was thus deprived of an experienced and valued observer and meteorologist. His successor in office, Mr. James Weir, who for several years had been chief assistant, has furnished an exhaustive report of which the following is a synopsis:—

> "The usual activities of the station have been carried on continuously throughout the year. Four eye observations of the various meteorological instruments are made daily and are used to standardize the continuous records obtained from self-recording instruments. Two reports are telegraphed daily to the central office, Toronto, for purposes of the weather map. The forecasts from the central office are received here through the Great Northwestern Telegraph about 11 a.m., and are thereafter available for the information of the public. The first report is by telephone and contains only the forecast proper. The bulletin arrives about 3 p.m. Scattered calls for the forecast are made, but the public are as yet not sufficiently aware of this facility."

Time service.—Determinations of clock errors have been made by observations of 576 standard transits on 110 nights. The set in a night usually consists of 6 stars, one polar and two equatorial stars in each of the reverse positions of the instrument. The observed times of transit are recorded on the chronograph. The Troughton and Simms transit used is provided with a micrometer eye-piece arranged to make contacts. The probable error of the determinations usually is several hundredths of a sound. Greater precision is futile in view of the time-keeping possibilities of the astronomical clocks in use, and the fact that the time signals given out, if kept well within the second, are subject to no criticism from the city, shipping and railway services which they supply. The Howard mean-time clock is regulated to carry 75th meridian time, or rather, at present, one hour in advance of it, and by means of its automatic system of signals, a knowledge of this time is given to a wide public. The following corporations receive these time signals: The Canadian Pacific Railway Company transmitting it daily to all stations along their lines to the Pacific, the Grand Trunk Railway Company despatching it from their head offices for their Eastern lines, the harbour commissioners of Montreal and the shipping. The noon time-ball for the use of shiping is regularly dropped on week days. At such times in the winter as it was ascertained the ball was not in action, the responsibility was placed with the harbour custodians. No failures to throw the switch at the observatory are to be reported throughout the year. By a special set of noon signals the fire stations and city utilize our time. In addition several jewellers requiring an accurate time standard have had installed loops and ticker service. Rental of the lines is chargeable against this service and the electric work is attended to by the Dominion Gresham Guarantee Company. It has been recently ascertained that the railways are satisfied with the character of service received and the intention is that their subscription, as well as those of the jewellers, shall be made payable to the bursar's office of the university and appear in the observatory items of grants and revenues.

APPENDIX A.

Arthur Smith of the Quebec Observatory, reports as follows:—The work performed at this observatory has been the same as in former years.

Besides the usual meteorological observations which were recorded without interruption, special reports and information were furnished to the public through the newspapers or otherwise.

The correct time was given by means of the telephone, and during the season of navigation by means of the old time-ball until the 6th of August when it was replaced by the new time-ball which was erected on the "Cavalier" building at the citadel. The ball was continued during part of the month of January as several sea-going steamers were still in the port of Quebec.

APPENDIX B.

D. L. Hutchinson, Director of the Observatory, St. John, N.B., reports as follows:—

Meteorological Service.

The regular observations of the various meteorological elements have been made, as particularized in previous reports, three times daily, without a break during the year. The morning and night observations are immediately telegraphed to Toronto; these, as well as the afternoon instrumental readings, serve as a check upon the autographic recording barograph, thermograph and hygrograph. Records of pressure temperature and relative humidity from these instruments, as well as wind direction and velocity from the anemograph, are tabulated for every hour and daily and monthly means abstracted. No important change has been made in the meteorological equipment. All instruments and apparatus are in good condition.

Comparison of instruments with the observatory standards for engineers, the military and others, has frequently been made and comparative data from the hourly records supplied to engineers doing field work in different parts of this province. The wind station at Point Lepreau continues to give valuable records of direction and velocity in that part of the bay of Fundy. The automatic records are sent here from that station for tabulation.

The "Weather Bulletin" has, as in the past, been issued every week-day morning. It is posted in prominent places and distributed through the mail. published in full by some and in part by others of our daily papers. The ever increasing and numerous daily requests for the weather forecasts, present and past conditions are answered at all times.

The New Brunswick Telephone Company continues the courtesy of sending the daily forecasts to all their stations in this province and at many of these stations bulletins are daily displayed. This service, I have been informed, is greatly appreciated by the residents of the different localities.

The monthly returns received here from all stations in the Maritime Provinces have been carefully checked and in most returns summed and meaned. After the necessary climatological data have been entered in our office registers the reports are prepared for publication and forwarded to your central office at Toronto. The climatological and other statistics from these reports are available to promptly answer the various inquiries we have for data covering the different points of the Maritime Province observing stations. To add to the efficiency of this service, more temperature and rainfall stations are particularly needed in New Brunswick to supply information about watersheds of rivers which are likely to be prospected for power purposes.

Maritime Province Time Service.

For the determination of the errors and rates of the sidereal clocks, observations of stars with the meridian telescope were made entirely by the impersonal micrometer method, the records from the contact points on the micrometer head being recorded on the chronograph sheet along with the seconds of the observing clock. The collimation and azimuth errors were determined from the observations, reversing the instrument upon its Ys about the middle of the group of stars under observation. The standard clocks continue to give accurate results. The primary sidereal in the basement clock-room has been run under constant pressure and temperature. The sealing of this clock to maintain constant pressure continues so perfect that not one stroke of the air pump was necessary during the year.

The mean time transmitting clock with its electrical contacts for automatically sending the time signals, as well as the various electrical appliances connected with this service, remains in excellent condition. The 10 a.m. daily time-signals now so useful and well known throughout the Maritime Provinces have been continued regularly. Special signals, when called for, are transmitted by telegraph or telephone, the beats of the mean-time clock relay being quite audible in the long distance receivers. Several of the chronometer and watch adjusters in Halifax, the Admiralty, Cable Docks and Nova Scotia Telephone Company, have private wire connection locally with the Western Union Office and receive our daily signal. The watch inspectors of the Canadian Government Railways in various parts of the provinces have wire connection with sounders on their premises to receive the time signal.

The St. John time ball has been dropped each week-day at 1 p.m. Atlantic standard time, excepting three days during the winter months, when the failures were caused by unavoidable wire trouble. In St. John the system of hourly synchronizing tower, street, factory, bank and office clocks by direct wire from the observatory continues to give satisfactory and useful service under the arrangement referred to in my previous reports. Those chronometer and watch adjusters not having their clocks hourly synchronized take the second beats by telephone and the public generally give us innumerable telephone calls daily for the correct time.

The Halifax time ball is dropped at 1 p.m. by time signals from the observatory, through the master clock in the Western Union Telegraph office there, which is automatically synchronized by our 10 a.m. time signal. The Halifax time service was temporarily deranged at the time of the explosion but though the plate-glass windows within a few feet of the pier carrying the master clock were completely shattered this clock was undamaged, did not stop, though undoubtedly disturbed by the severe shocks, and upon receipt of the first time signal from this observatory twelve days after the explosion, it was found to be eleven seconds slow. No damage occurred to the time ball apparatus on the citadel.

APPENDIX C.

F. Napier Denison, Director of the Gonzales Heights Observatory, Victoria, B.C., reports as follows:—

During the past year regular observations have been taken three times daily, and weather forecasts issued both morning and evening daily except on Sundays. These are published in the press on Vancouver island and on the lower mainland, and special morning weather bulletins are regularly delivered and posted in the city. Numerous inquiries by phone respecting weather conditions also have been attended to. Storm warning signals have been displayed at Victoria, Nanaimo, and Vancouver, and special warnings sent to certain shipping interests in advance of the great Pacific storms which during the winter season frequently spread over Vancouver island to the strait of Georgia.

Weekly and monthly weather reports obtained from our British Columbia telegraph stations are regularly published in the press of this province, and during the summer months special weather forecasts were furnished the Provincial Forestry Department respecting the advent of hot spells and dry winds which increase the forest fire risk.

River-level observations have been continuously taken at Kamloops, Lytton, and Yale during the spring and summer season, in order that these reports, in connection with our weather charts, will aid in the issuing of correct river-flood warnings in advance of dangerous river-levels in the Delta district of the Fraser river.

The monthly weather reports from all British Columbia stations, amounting to 135, have been regularly received here, checked and entered in our register, then forwarded to you for publication. Seventy weather reports are also received each month from certain provincial government stations. These are also entered here and then forwarded to you.

TIME SERVICE.

Owing to accurate star transit observations and steady rates maintained by the mean-time clock and the chronometers, the time service has been very satisfactory. The time ball on the Belmont building has been regularly dropped from this office at 1 p.m. daily, including Sundays and holidays, and it is used for setting public clocks, factory whistles, as well as being watched by shipping interests and numerous citizens.

I am pleased to state that during the year, I have, by special arrangement with Mr. Haughton, superintendent of our British Columbia Radio Telegraph Service, been able to furnish the time daily to all his wireless stations within a radius of 300 miles of Victoria at ten o'clock each morning. These time signals can also be picked up by any ships within this radius, including those lying in the harbours of Vancouver and Nanaimo.

I have now designed an automatic instrument, so that the international time letters may be sent accurately, when time will permit Mr. Haughton to have this instrument constructed.

During the year I have succeeded in purchasing two fine English pendulum clocks here in Victoria. One, after attaching an electric minute contact, is marking off the minutes on the vertical seismograph, and is holding a steady rate of one second per day. The other is being used as the mean-time clock in the time room, and having a very finely compensated pendulum, is maintaining a steady rate of one-quarter of a second per day.

Seismology.

During the past year 114 earthquakes were recorded here, while last year the number was 126. This year the maximum monthly number was 18 in July, while last year the monthly maximum was 17 in September. As slight changes of temperature have in the past affected the proper recording of quakes on the vertical seismograph by crowding the lines, I have perfected a delicate electric thermostat, which now keeps the temperature change to one-tenth of a degree F., and now clear parallel lines are obtained on the smoked paper surface.

As the records from this instrument are at all times visible quakes are clearly shown as soon as recorded, and in cases of large quakes, the time and place of origin of these can quickly be placed on the wire for the benefit of other observatories and the public.

The slow daily movements of the E-W horizontal pendulum have been carefully recorded, and as in the past 19 years interesting results have been obtained.

In connection with the study of these slow earth movements, I am pleased to state that the Honourable Minister of Mines for British Columbia has asked me to construct for his department, a delicate seismograph to be placed in the coal mines at Fernie, as an aid in determining the advent of dangerous conditions which might lead to gas explosions or serious " bumps."

It is gratifying to be able to report that during the past year over 700 visitors have been shown over this institution, and apart from the deep interest shown by them in the instruments, etc., the view from the roof was in all cases termed one of the finest in the world.

The amount of correspondence has also increased remarkably, amounting to 1,086 letters, both inward and outward, and 97 of the latter contained climatic data in reply to enquiries.

In conclusion I would respectfully urge that the British seismographs asked for last year, be purchased in order that more efficient and important practical work could be carried on here.

APPENDIX No. 7.

ANNUAL REPORT OF C. H. GODIN, MEDICAL SUPERINTENDENT OF THE MARINE HOSPITAL SERVICE, FOR THE FISCAL YEAR 1917-18.

SICK AND DISTRESSED MARINERS.

Under the provisions of the Canada Shipping Act, chapter 113, part 5, section 384, R.S., dues of 1½ cent per ton registered tonnage are levied on every vessel entering any port of the provinces of Quebec, Nova Scotia, New Brunswick, Prince Edward Island, and British Columbia. The money thus collected forms the Sick Mariners' Fund. Vessels of the burden of 100 tons and less pay duty once in each calendar year, and vessels of more than 100 tons registered tonnage, three times in each year.

The officers and seamen of all fishing vessels not registered in Canada do not pay sick mariners' dues nor participate in the benefits accruing therefrom, but such vessels registered in Canada may pay dues and participate in the benefits. If such ship is of the burden of more than 100 tons, registered tonnage, such payment shall entitle, to the said rights and benefits, only the master and mariners employed upon the voyage in respect of which such payment has been made; but the payment of the said duty three times in any calendar year in respect of such ship shall entitle the master and mariners thereof to the said rights and benefits during the remainder of such year in any such port.

The Act, chapter 113, Canadian Shipping, does not apply to the province of Ontario, so no dues are collected from vessels in that province.

Province of Quebec.—In this province sick mariners are treated at the following places: Quebec, at Jeffrey Hale and Hotel Dieu hospitals; Montreal, at the General and Notre Dame hospitals; infectious diseases are treated at the Alexandra and St. Paul's hospitals; Three Rivers, at the St. Joseph's hospital; Chicoutimi, at St. Valier's hospital; St. John, at St. John's hospital. At the ports of Rimouski Sorel, and Rivière du Loup sick mariners are treated in the different local hospitals, and the medical services are rendered by the port physician.

Province of Nova Scotia.—Marine hospitals are maintained at Louisburg, Lunenburg, and Sydney. In Halifax treatment is given at the Victoria General hospital. Contagious diseases are treated at the City Isolation hospital. At Pictou, seamen are treated at the Pictou Cottage hospital, at North Sydney treatment is given at the Hamilton Memorial hospital, at Windsor seamen are treated at the Payzant Memorial hospital, at Amherst at the Highland View hospital. For Parrsboro and vicinity, sick seamen are taken to the Cottage hospital at Springhill. At Digby, sick mariners are treated at a designated hospital and the medical services are rendered by the port physician.

Province of British Columbia.—Victoria, sick mariners are treated at St. Joseph's hospital, Vancouver, at St. Paul's hospital, Nanaimo, at Nanaimo hospital. New Westminster, at St. Mary's hospital, Prince Rupert, at the Prince Rupert General hospital, Powell River, at St. Luke's hospital; at Chemainus and Ladysmith, sick mariners are treated in local hospitals, and the medical services are rendered by the port physician.

Province of New Brunswick.—A marine hospital is operated and maintained at Douglastown for sick mariners arriving at Chatham, Newcastle, and vicinity. In St. John, treatment is given at the General Public Commissioners' hospital; Campbellton, at the Hotel Dieu; Moncton, at the Moncton hospital.

Province of Prince Edward Island.—At Charlottetown, treatment is given at the Charlottetown and Prince Edward Island hospitals, and at Summerside, at the Prince County hospital.

Where no hospital is maintained or designated in any part of the Maritime Provinces, Quebec, or British Columbia, the collector of customs is authorized to make the best provisions for sick mariners entitled to receive benefits of the fund.

Amount of appropriation	$75,000 00
Amount of expenditure	51,447 17
Balance not expended	$23,552 83

REFUNDS.

Naval Service	$2,222 40
Railways & Canals	201 00
Total refunds	$2,423 40

EXPENDITURE BY PROVINCES.

Province.	Number of Seamen.	Days Treatment.	Total Expenditure.
			$ cts.
Nova Scotia	1,007	9,966	26,289 01
New Brunswick	262	1,319	5,942 95
Prince Edward Island	93	614	1,988 70
Quebec	453	5,963	11,594 35
British Columbia	286	3,339	7,784 35
General Account	1	29	271 21
Total	2,102	21,222	53,870 57

TABLE SHOWING EXPENDITURE FOR TREATMENT, BOARD, SUPPLIES, ETC., BY PROVINCES.

	Nova Scotia.	New Brunswick.	P.E.I.	Quebec.	British Columbia.	General Acct.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Board in hospitals and private houses	12,082 81	1,970 15	837 05	8,911 30	5,570 75	78 50
Medical and surgical treatment	1,242 90	643 15	493 15	463 05	49 60	
Medical officers' and keepers' salaries	9,519 55	2,900 00	650 00	1,275 00	1,500 00	
Fuel	1,007 13	127 01				
Water	54 00					
Light	184 46	25 50				
Supplies	808 33	16 75				
Telephone services	79 71	18 00				
Drugs, etc.	374 08					
Repairs, etc	512 84	36 39				
Burials	25 00					
Transportation	70 20	6 00	8 50	145 00	39 00	
Special nursing	8 00				225 00	
Grants	300 00	200 00		800 00	400 00	
Medical assistance	20 00					
Printing						192 71
Totals	26,289 01	5,942 95	1,988 70	11,594 35	7,784 35	271 21

Total number sick mariners treated during the year 1917-18	2,102
Number of vessels which paid Sick Mariners' Dues	2,911
Membership of crews	58,041
Total amount of salaries paid to medical officers and keepers during the year 1917-18	$15,844

GRANTS TO SEAMEN'S INSTITUTES.

Nova Scotia—		
Seamen's Society, Halifax	$ 200 00	$ 200 00
North Sydney Sailor's Home	100 00	100 00
New Brunswick—		
Seamen's Mission Society, St. John	200 00	200 00
Quebec—		
Montreal Seamen's Institute	200 00	200 00
" Catholic Sailor's Club	200 00	200 00
Quebec Seamen's Institute	200 00	200 00
" Catholic Sailor's Club	200 00	200 00
British Columbia—		
Seamen's Institute, Vancouver	200 00	200 00
" " Victoria	200 00	200 00
Total		$ 1,700 00

APPENDIX No. 8.

REPORT OF L. A. DEMERS, WRECK COMMISSIONER.

OTTAWA, May 20, 1918.

Formal investigations during the year	30
Preliminary inquiries	6

During the calendar year 1917 there were 239 casualties reported to the department, the tonnage of same being 715,383.87, and the damage approximately estimated at $4,850,145 to ships and $4,310,350 to cargo, while 152 lives were lost.

Of this total number of casualties 176 were to coasting and sea-going vessels, the tonnage of same being 141,104.17, the damage approximately estimated at $4,608,445 to ships and $4,234,850 to cargo, and 134 lives were lost; while 63 of the casualties were to inland vessels, the tonnage of which being 574,279.70, damage to same being estimated at $241,700 to ships and $75,500 to cargo, and 18 lives were lost.

In 108 of the casualties to coasting and sea-going vessels and 35 of the casualties to inland vessels the amount of damage is not stated.

Sixty-three of the casualties to coasting and sea-going vessels made up of 30 steam and 33 sailing vessels, resulted in total loss, the tonnage of same being 29,612.37, and this number 54 were Canadian, 5 British and 4 foreign vessels.

Fifteen of the casualties to inland vessels—made up of 11 steam and 4 sailing vessels—resulted in total losses, the tonnage of same being 4,104.18, and of this number 12 were Canadian and 3 foreign vessels.

Casualties are given under the following headings:—

Coasting and Sea-going vessels.

Collisions	29
Founderings	18
Missing vessels	5
Miscellaneous accidents (fire, loss of sails, riggings, etc., etc.)	34
Strandings	78
Vessels sunk by submarines	12

Inland vessels.

Collisions	13
Founderings	10
Miscellaneous accidents	7
Strandings	33

STATEMENT of investigations into wrecks and casualties which occurred to Canadian, British and foreign vessels, held in Canada during the fiscal year 1917-1918.

Name of ship, Official No., and Registered Port.	Remarks.
A. E. Ames, 114449, Newcastle, and Keybell, 131111, Montreal.	On June 29 collided in lake Ontario. Formal investigation was held at Montreal on July 25, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.*—SS. *Keybell* to blame for collision. Master, George Bunting, found in default for violation of the Rules of the Road, and his certificate is suspended for a year. Masters of both vessels are severely reprimanded for not inquiring after collision.

STATEMENT of investigations into wrecks and casualties, etc.—*Continued.*

Name of ship, Official No., and Registered Port.	Remarks.
Aranmore, 58,579, Glasgow, and Cyrene, 85849. Lunenburg, N.S.	In collision, on August 27, in Pictou narrows, entrance to Pictou harbour, resulting in the sinking of the schooner *Cyrene*. Formal investigation was held at Charlottetown, P.E.I., on August 31, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Alex. McLeod and J. Lunsdame, acting as nautical assessors. *Finding.*—Master of *Aranmore*, D. M. McDonald, found in default for careless navigation, and his certificate is suspended for a year.
Albert Y. Gowan (American).	On August 28 foundered in Louise basin. Formal investigation was held at Quebec on October 26 and 27, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.*—Master, Eugene Fortin, found in default for gross negligence in the supervision of his ship, and his certificate is suspended for six months.
Transport "Ardgair".	On August 26 stranded on Amherst island, one of the group of Magdalen islands. Formal investigation was held at Halifax on September 12, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Commander E. Wyatt, R.N.R. and Capt. C. Adams, acting as nautical assessors. *Finding.*—Master, Wm. Mackintosh, censured for not having taken soundings when a certain distance had been run.
Angouleme, 138211, Montreal.	On January 6, 1918, stranded near Main-à-Dieu passage, Cape Breton. Formal investigation was held at Sydney on February 25, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains A. J. Morrison and J. D. Mackenzie, acting as nautical assessors. *Finding.*—Master, E. K. Perry, to blame for neglectfulness and carelessness in navigating his ship. His certificate is suspended for nine months.
Cape Corso, 117396, Greenock.	On May 15 stranded in vicinity of cape Chat, gulf St. Lawrence. Formal investigation was held at Montreal on May 18, 19 and 29, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.*—Master, A. J. M. Henderson, found at fault for careless navigation, and his certificate is suspended for two months. Chief officer, Fred Stark, severely reprimanded for advising second officer to abbreviate his entries in scrap log. Second officer, John Shaw, severely reprimanded and censured for tampering with his scrap log.
Clematis, 109887, North Shields.	On June 16 stranded near Red cape, Framboise, Cape Breton. Formal investigation was held at Halifax July 12, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Commander E. Wyatt, R.N.R., and Capt. T. A. Hill, acting as nautical assessors.
Coniston and West Hartlepool 112429, string of 16 barges in tow of tug "Virginia", 71-615, Montreal.	On June 18, collided on lake St. Peter, resulting in the sinking of barge *Alonzo P. Burt*. Formal investigation was held at Montreal on August 3, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. Case wa adjourned *sine die* at the request of the counsels.
Celia, 118407, London, and Katie H. 125998, Quebec.	On August 3 collided near buoy 123L, Pointe au Soldat, river St. Lawrence. Formal investigation was held at Montreal on August 7, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.*—*Celia* alone to blame. Pilot D. P. Perrault, in full charge and control of ship at time of accident, has his license suspended for one month and is ordered to pay cost of investigation.
Dreadful, 131148, Vancouver. Lobnitz No. 1, 130895, Victoria.	On May 19 collided in Victoria harbour. Preliminary inquiry was held at Victoria on May 23 and 25, before Capt. John D. MacPherson, Wreck Commissioner for British Columbia, assisted by Captains W. Wingate and W. H. Porter, acting as nautical assessors. *Finding.*—Robert McDowell, engineer on watch on *Dreadful*, responsible for accident, by putting his engines ahead instead of astern as ordered. He is reprimanded and warned to be more careful in future. Court is lenient owing to the manly and straightforward manner in which he admitted his mistake.

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STATEMENT of investigations into wrecks and casualties, etc.—*Continued.*

Name of ship, Official No., and Registered Port.	Remarks.
Drill Plant No. 2, Ottawa, and tug Respond, 133768, Victoria.	On May 19 collided in Victoria harbour. Preliminary inquiry was held held at Victoria on June 27 and 29, before Capt. John D. MacPherson. Formal investigation ensued being held also at Victoria on October 19, before Capt. Charles Eddie, assisted by Captains J. T. Shenton and T. James, acting as nautical assessors. *Finding.*—Collision due to action of master of *Respond*, F. H. Cole, in attempting a risky manœuvre having a heavily laden scow alongside.
Drill Plant No. 2, and tug Germania, 131310,	On May 19 collided in Victoria harbour. Preliminary inquiry was held at Vancouver on July 3, before Capt. John D. MacPherson. The decision arrived at was that accident was due to error of judgment on part of master of *Germania*. Formal investigation not found necessary.
Frankmere, 131359, Liverpool.	On August 5 stranded on Bryon island, one of the Magdalen group, gulf St. Lawrence. Formal investigation was held at Halifax on September 11, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Comdr. E. Wyatt, R.N.R. and Capt. C. Adams, acting as nautical assessors. *Finding.*—Master, David Thomas Evans, is severely reprimanded and censured for injudicious navigation; but his certificate is not dealt with on account of his previous good record.
Gray, 124395, Workington.	On October 20 stranded off Calvert island, Queen Charlotte sound. Preliminary inquiry was held at Victoria on December 21, before Capt. John D. MacPherson. The decision arrived at was that no one was to blame, vessel striking an uncharted reef.
Heathcote, 12904, and Kilbergen (Transport), Sydney, N.S.	On July 25 collided seven miles West of cape Ray, Newfoundland. Formal investigation was held at Quebec on August 2 and 3, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.—Kilbergen* mostly to blame for collision and certificate of master, John S. Ledsome, is suspended for three months.
Harkness (Transport).	On July 23 stranded on Red island, St. Lawence river. Formal investigation was held at Montreal on August 29, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.—Pilot*, Adjutor Lachance, to blame for casualty and his license is cancelled.
Imperoyal, 135209, Sarnia, and Maisonneuve, 100658, Ottawa.	On June 5 collided near Contrecœur, river St. Lawrence. Formal investigation was held at Montreal on June 18 and 19, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.—Imperoyal* to blame for collision, navigating with improper lights. Pilot held in default for not seeing that only proper sailing lights be exhibited. He is reprimanded. Master of *Maisonneuve*, Jean Paquet, found culpable of negligence and not competent to command a vessel. His certificate is cancelled. Court recommend that *Maisonneuve* pays fine of $100 for having violated sec. 671, part VII, chap. 113, R.S.C.
Lord Antrim, 113518, Belfast.	On May 3, stranded near Fourchu, N.S. Formal investigation was held at Sydney on May 10, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains A. J. Morrison and J. D. MacKenzie, acting as nautical assessors. *Finding.*—No one to blame; ship struck a submerged object.
Letitia, 133033, Glasgow.	On August 1 stranded and lost near Portugese cove, Halifax harbour. Formal investigation was held at Halifax on August 13 and 14, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Commander E Wyatt, R.N.R. and Commander Charles White, and J. D. MacKenzie, R.N., acting as nautical assessors. *Finding.*—Stranding due to action of pilot, in accepting without verification bearings given by pilot in charge of cutter.
Maskinonge, 131422, Liverpool.	On April 28 stranded in St. John, N.B., harbour. Formal investigation was held at St. John on May 9, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Lieut.-Commander A. J. Mulcahy, R.N.V.R., and Capt. James Hayes, acting as nautical assessors. *Finding.*—No one to blame; vessel dragged her anchors.

STATEMENT of investigations into wrecks and casualties, etc.—*Continued.*

Name of ship, Official No., and Registered Port.	Remarks.
Middlesex (barge) 135569, Liverpool, Durn (barge), and Schr. Arthur,	On August 13 stranded in river St. Lawrence, whilst in tow of tugs *Myra* and *Long Sault*. Formal investigation was held at Montreal on August 27 and 28, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.*—Tug *Myra* chiefly to blame for accident, and master's certificate of Edmond Robinault is suspended for three months. *Long Sault* partly responsible, but to very little degree. Certificate Captain, Charles Pilon, is suspended for one month. Owners of each tug ordered by court to defray cost of investigation.
Mont Blanc (France) and Imo, (Norway).	On December 6 collided in Halifax harbour. Explosion which followed caused great devastation in the harbour and city and about fifteen hundred lives were lost, including one of the crew of *Mont Blanc* and six of *Imo*. Formal investigation was held at Halifax on December 13 to 21 and January 21 to 31, inclusive, before Hon. Arthur Drysdale, Justice of the Supreme Court of Nova Scotia, assisted by Captains L. A. Demers, Dominion Wreck Commissioner and Charles Hose, R.C.N., acting as nautical assessors. *Finding.—Mont Blanc* to blame, having violated Rules of the Road, and pilot McKay's license is cancelled. Court recommend to French authorities to cancel Captain Lemedec's certificate. Pilot Renner, in charge of an American tramp steamer, at time of accident, is censured.
Pilot, 107109, Victoria.	Not heard of since leaving Salina Cruz, Mexico, for Ocos, Guatemala, on February 1, 1918. Preliminary inquiry was held at Victoria on May 16 and 29, before Capt. John D. MacPherson. Cause of loss could not be ascertained.
Prince Rupert, 129743, Newcastle.	On March 22 stranded near Gem island. Formal investigation was held at Victoria on April 30, before Capt. John D. MacPherson, Dominion Wreck Commissioner, assisted by Captains Charles Clarke and S. W. Buckram, acting as nautical assessors. *Finding.*—No one to blame, stranding due to snow storm.
Premier, 98964, London.	On June 2 stranded and lost near Pollock shoal, Nova Scotia. Formal investigation was held at Halifax on June 11, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains R. C. Oliver and J. A. McDonald, acting as nautical assessors. *Finding.*—Master, G. Henebery, severely reprimanded for lack of judgment in failing to adopt seamanlike methods in attempting to free his ship; but on account of his previous good record his certificate is not dealt with. First officer, Geo. McLean, warned to exercise better care in future in keeping his log. Second engineer, Byron Irwin, warned to be careful to note movements of engines with accuracy, whilst he is on watch.
Point Hope (Tug), Ottawa.	On June 28 struck bridge in Victoria harbour Preliminary inquiry was held at Victoria on July 12, before Capt. John D. MacPherson. Decision arrived at: No one to blame, accident unavoidable under circumstances.
Princess Maquina, 133,769, Victoria.	On June 16 stranded near Kyuquot. Preliminary inquiry was held at Victoria on July 31 and August 2 and 3, before Capt. John D. MacPherson. Decision arrived at: No one to blame, vessel struck an uncharted rock.
Princess Mary, 126950, Victoria, and Henriette, 112254, Vancouver.	On September 25 collided in Vancouver harbour. Formal investigation was held at Victoria on October 18 and 23, before Capt. John D. MacPherson, assisted by Captains S. W. Buckram and D. S. Jones-Evans, acting as nautical assessors. *Finding.*—Both masters to blame for collision, for want of discretion, lack of patience, poor judgment and taking unnecessary risks. They are reprimanded and warned to be more careful in future. (Chs. Campbell, master of *Princess Mary;* Otto Buckly, master of *Henriette.*

STATEMENT of investigations into wrecks and casualties, etc.—*Continued.*

Name of ship, Official No., and Registered Port.	
Royal Transport, 135895, West Hartlepool, and Korona, 133736, Malta.	On June 11 collided in Quebec harbour. Formal investigation was held at Quebec on June 15, 16 and 21, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Commander E. G. O. Eliott, R.N.R., and Captain Charles Koenig, acting as nautical assessors. *Finding.—Royal Transport* solely to blame. Master, Wm. Cook, has his certificate suspended for one month. Pilot's license of Arthur Lachance is suspended for two years and he is fined $100 for contempt of court in not delivering certificate. One of the assessors, Commander Eliott, dissenting.
Singapore, 123729, London. British S.S.	On July 1 stranded near Little Metis, river St. Lawrence. Formal investigation was held at Montreal on July 6 before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.*—Master, Fred Wm. Hartwell, showed poor judgment in navigating his vessel and he is reprimanded very severely.
Stewart W. and barges "Twin-Sisters," "Minominee" and "Kildonian", whilst in tow of tug "Sin Mac".	On July 20 collided near Brockville, St. Lawrence river. Formal investigation was held at Montreal on September 5, 6 and 25, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.—Both Stewart W.* and *Sin Mac* found at fault; *Stewart W.* violated art. 29, 37 of the Rules of the Board, and the master, Ernest Tremblay, is severely reprimanded; *Sin Mac* violated art. 25, 29, 28 and 37, and pilot Leduc is also severely reprimanded.
Scandinavian, 109441, Glasgow.	On November 17 stranded at Grondines, St. Lawrence river. Formal investigation was held at Montreal on November 23 and 26 and December 1, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.*—Master, pilot and officers exonerated. Nature of obstacle which caused damage to vessel was not revealed or ascertained.
Stella Maris, 103767, Chatham, N.B.	On November 30 foundered at Pointe du Chêne, N.B., when being towed by the *Northumberland*. Formal investigation was held at Summerside on March 2, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains James H. Walsh and R. Campbell, acting as nautical assessors. *Finding.*—Captain and officers of *Northumberland* blameless for sinking of *Stella Maris*. Accident was due to lack of knowledge and indifference on part of crew of *Stella Maris*.
Tunesie (Belgian Relief ship), and Cabotia, 133825, Montreal.	On October 28 collided in Montreal harbour. Formal investigation was held at Montreal on October 30 and November 2, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Charles Lapierre and Francis Nash, acting as nautical assessors. *Finding.—Cabotia* to blame and master's certificate of Robert Laing is suspended for six months.
Turbinia, 112201, Hamilton.	Stranded in Niagara river on June 30; on Centre island, July 1, and in Toronto harbour on July 5. Formal investigation was held at Toronto on July 19, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains James B. Foote, and James McMaugh. *Finding.*—Grounding in Niagara river due to error of judgment on part of master, Arthur Jeffrey, in miscalculating force of current and wind. Stranding on Centre island due to master eliminating elementary factors in navigation. His certificate is suspended for one month. Master not in default for grounding in Toronto harbour.

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1917.

COASTING AND SEA-GOING WRECKS.

Date of Casualty.	Name of Ship. — Official Number.	Age of Ship.	Registered Port.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port Sailed From. — Port Bound To.	Place Where Casualty Happened.	Particulars of Casualty. Name of Master.	Lives Lost.	Loss. Total or Partial.
May 11..	Aranmore. 98579	27	Ottawa.....	Schr.. ... Iron Sail	502	Picton.. .... Charlottetown	Charlottetown.....	Collided with pier.. D. McDonald.	.....	Part.
June 14..	Ambition.. 112101	15	Lunenburg, N.S..	Schr..... Wood Sail	99	St. Johns, Nfld..... Exploits, Nfld.	Notre Dame bay, Nfld.	Stranded. ..... Chas. Rose.	. ..	Part. $495.
" 14..	Atlantic..... . . 122143	11	Lunenburg, N.S..	Schr..... Wood Steam	67	Halifax ..... Fourchu, C.B.	Bad Neighbor shoal, C.B.	Stranded .. .. E. J. Gilbert.	.....	Total. $10,000.
July 13..	Acadian..... 124258	9	Montreal	Schr..... Steel Steam	1457	Bilbao... .. .. Cardiff	5.72 w. 44 miles off Hornston Lighthouse.	Collided with *Emporte*. G. G. Green.	.....	Total.
Aug. 26..	Ardgair..... 136324	4	Greenock	Schr.. ... Steel Steam	3282·41	Montreal. ... . Sydney. N.S.	Amherst isl'ds, Magdalen islands.	Stranded.. ... . W. Mackintosh.	....	Slight damage.
Sept. 27..	Aliford. 130617	19	Victoria..	Tug.. .... Wood Steam	37	Blubber Bay.. ..... Ladysmith	½ miles N.E. Point of Nelson island, Jarvis inlet.	Burnt.. ..... S. J. Holmes.	.....	Total. $15,000.
Nov. 2..	Vicedo..... 122650	12	Ottawa.	2 pole masts. Wood Steam	47	Nanaimo..... Victoria.	Panther point, Wallace island, B.C.	Stranded..... Art. F. Yates.	.....	Part.
" 28..	Acadian..... 124258	9	Montreal.....	... . Steel Steam	1457	St. Pierre... ..... Halifax.	Sydney, N.S.....	Sprung a leak.....	.....	Part. $1,000.
Dec. 31..	Associate..... 131163	5	Lunenburg, N.S..	Schr..... Wood Sail	96	Burgeo, Nfld....	North Atlantic.	Life boat smashed and lights carried away.	. ..	Part.
Jan. 8..	Bessie A. Crooks..	3	Bridgetown, Bdoes	Schr..... Wood Sail	196	Pernambucao. ..... Barbadoes.	South America.....	Missing..... Capt. Walley.	....	Total.

April 22..	Benin..... 124067	10	Liverpool.. .. .	Schr..... Steel Steam	2814·85	Liverpool .... Montreal	Between cape Race and Anticosti.	Damaged by ice. . ..... W. Jones.	Part.	
Aug. 10..	British..... 75724	30	Barrington, N.S..	Schr..... Wood Sail	75·28	No. Ingonish, N.S.. Gloucester, Mass.	Doctor's cove, N.S...	Stranded..... F. Nickerson.	Part.	
" 24..	British Columbia.. 119063	11	Vancouver..... .	Schr..... Steel Steam	221	Seattle. .... Vancouver.	Vancouver harbour..	Foundered..... J. Murdock.	Part.	
Jan. 22..	Carrie N Nelly...	1	Shelburne, N.S...	Schr..... Wood Sail	85	Cape Broyle..... Gibraltar.	Lat. 41.27′ N. Long. 26.10′ W., No. Atlantic.	Damaged in gale ... . J. Evans.	Part. Ship, $500. Cargo, $1,250.	
Feb. 3 .	Cumberland County.	8	Parrsboro, N.S. ..	Schr..... Wood Sail	418·94	Gulfport, Miss..... Martinique.	Off Florida, Gulf of Mexico.	Stranded.. . ... B. Tower.	Total. $40,000,	
Mar. 5..	Catherine 112223	14	St. John, N.B....	Schr..... Wood Sail	126	Boston..... ..... Madeira.	Lat. 33.19′ Long 57 52″ No. Atlantic.	Fore gaff and spanker ..... gaff broken. C. A. Sparks.	Part. $100.	
April 10..	Cora May.. .. . 94758	28	St. John, N.B....	Schr.. ... Wood Sail	117	St John, N.B ..... Parrsboro, N.S.	Bay of Fundy, N.S.	Foundered..... M. Blenkhorn.	Total. $1,500.	
April 30..	Canada..... 111631	16	Lunenburg, N.S..	Schr..... Wood Sail	199·42	Sancher..... Baracoa, Cuba.	Sanjou, Dominican Republic.	Stranded..... ... . Carl Bassa.	Total.	
May 1 .	C. S. Jacques..... 129497	8	Montreal.	Schr..... Steel Steam	1590	Ronen..... ..... Tyne.	At sea...	Torpedoed..... 3 B. P. Powell.	Total.	
" 2..	Carl S..... 134054	3	Lunenburg, N.S..	Schr..... Wood Sail	81 96	Lunenburg..... ... Fishing.	Jeddore rock, N.S..	Stranded. .... Kenneth Silver.	Part. $100.	
" 15..	Cape Corso.. ... 117396	12	Greenock.....	Schr. ... Steel Steam	2510·24	Newport, Eng.... Montreal.	2 miles E. of cape Chat, river St. Lawrence.	Stranded..... .... A. J. M. Henderson.	Part. $31,000.	
June 5..	Catherine 112233	14	St. John, N.B....	Schr..... Wood Sail	196·20	Boston . ..... Turks island.	Turks island, North Atlantic.	Stranded .... C. A. Sparks.	Total.	
" 16..	Clematis..... .. 109887	19	North Shields ...	Schr..... Steel Steam	2160	St. Nazaire, France. Louisburg.	Framboise cove, N.S.	Stranded .... J. O. Williams.	Part. $100,000.	
" 29..	Cruizer. 104606	22	Halifax..... ..	Schr..... Steel Steam	24	Louisburg ..... Halifax.	8 miles east off Egg island, N.S.	Collided with *Eva*..... *June*. D. C. Harris.	Slight damage.	
Aug. 27..	Cyrene..... 85649	34	Lunenburg	Schr..... Wood Sail	95	Charlottetown . .. . Pictou.	Entrance to Pictou harbour, N.S.	Collided with *Arranmore*. F. V. Murphy.	Total. $3,000.	
" 26..	Cassiar..... 103472	27	Vancouver..	Sloop. ... Wood Steam	383	Vancouver..... Kingcome.	Pemphrase pass, B.C.	Stranded .... R. Wilson.	Part. $6,000.	
Oct. 15..	Camosun 121204	12	Vancouver.... .	Schr..... Steel Steam	793 72	Vancouver.... ..... "	North Bentinck arm, B.C.	Stranded ..... J. H. Browne.	Part. $11,000.	

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1917—*Continued.*

COASTING AND SEA-GOING WRECKS—*Continued.*

Date of Casualty.	Name of Ship. — Official Number.	Age of Ship.	Registered Port.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port Sailed From. — Port Bound To.	Place Where Casualty Happened.	Particulars of Casualty. Name of Master.	Lives Lost.	Loss. Total or Partial.
Nov. 11..	C. E. Tanner..... 103806	9	Pictou.....	..... Wood Steam	5·58	Halifax..... Liverpool, N.S.	North Atlantic.....	Stranded..... Jas. McLeod.	.....	Total.
Dec. 6..	Curaca..... 135178	5	London.....	F. & A... Steel Steam	4067	St. John, N.B..... Halifax.	Halifax harbour....	Submerged by explosion of *Mont Blanc.*	45	Part.
" 6..	Calonne..... 110121	19	London.....	Schr..... Steel Steam	2581	Southampton..... Sealed orders.	Halifax harbour...	Damaged by explosion of *Mont Blanc.* J. H. Telfer.	12	"
" 8..	Cadorus..... 126886	25	Washington.....	Schr..... Iron Steam	1802	Montreal..... New York.	Escuminac point, Gulf St. Lawrence	Stranded..... Jas. Eldridge.	.....	"
Jan. 23..	Dorothy Duff..... 117164	11	Sydney, N.S.....	Schr..... Wood Sail	152	.....	Lat. 39.20′ N., Long. 34.00′ W., North Atlantic.	Damaged in gale.... Geo. B. Dean.	.....	Part. Ship, $500. Cargo, $2,250.
" 24..	Dunure..... 78853	35	Sydney, N.S.....	Bkt..... Wood Sail	176	Santa Pola..... St. Johns, Nfld.	Lat. 31 N., Long. 15 W., North Atlantic.	Loss of sails and part of cargo. R. Owen.	.....	Part.
" 31..	Dundee..... 112208	11	Hamilton, Ont....	F. & A.. Steel Steam	1431	London..... Swansea.	.....	Torpedoed..... R. N. Anderson.	1	Total.
April 12..	Doris V. Myra.... 130463	6	Lunenburg, N.S..	Schr..... Wood Sail	99·05	Lunenburg..... Fishing.	75 miles southeast of Halifax, North Atlantic.	Collided with *Carpathia.* C. Myra.	.....	Total. Ship, $10,000. Cargo, $2,800.
" 22..	Durley Chine..... 132887	4	Ottawa.....	Schr..... Steel Steam	1158	Halifax..... Norfolk, Va.	72 miles S., 44 E. Mag., North Atlantic.	Collided with *Harlem.* J. F. Chapman.	.....	Total. $400,000.
May 15..	Dreadful..... 131148	5	Vancouver.....	Ketch.... Steel Steam	92	Victoria..... Esquimalt.	Esquimalt harbour..	Collided with *Lobnitz.* Capt. Barberi.	.....	Part.
" 16..	Dorothy Duff..... 117164	11	Sydney, N.S.....	Schr..... Wood Sail	152	.....	.....	Sunk..... Geo. B. Dean.	.....	Total.

June	6..	Daring..... 123375	10	Vancouver.....	..... Wood Steam	54·82	Vancouver..... "	False creek...	Stranded ..... Isaac Forsyth.		Part. $1,000.
"	15..	Deliverance..... 131204	3	Liverpool, N.S....	Schr..... Wood Steam	78	Halifax	Halifax harbour....	Collided with *Regin* .... and sank. H. H. Branner.		Total. $125,000.
"	23..	Davis McNab 130589	5	Halifax.....	..... Wood Gasolene	34	Halifax ..... "	" "	Damaged by fire..... W. W. Graham.		Part.
Dec.	6..	Douglas H. Thomas 101291	25	Sydney, N.S.....	F. & A... Steel Steam	98	Sydney..... Halifax.	" "	Damaged by explosion of *Mont Blanc.*	3	Part. $1,200.
"	10..	Douglas Adams.. 116540	12	Lunenburg, N.S..	Schr.... Wood Sail	99·23	Halifax .... Curling, Nfld.	Point Michaud, N.S.	Stranded ..... J. N. Petipas.		Total. Ship, $15,000, Cargo, $800.
"	11..	D. A. Gordon..... 129479	7	Montreal..	F. & A... Steel Steam	1434	Marseilles ... . Melilla.	....	Torpedoed.... ... J. A. McLeod.	1	Total.
Jan.	31..	Empress of Japan. 989111	26	London.	Schr. .... Steel Steam	3039	Hong Kong .... .. Vancouver.	Trail inlet, N.W. one mile.	Collided with *Belridge.* W. D. Hopecraft.		Part.
June	7..	Eva Marie.... .. 88370	4	Victoria.....	Sloop.... Steel Steam	60 05	Vancouver..... Quatsino.	Helmeker island.. .	Stranded .... S. Noel.		Total.
"	18..	Edgar W. Murdock	14	Rockport, Me. ...	Schr.... Wood Sail	121·05	Barbadoes..... St. John, N.B.	Old Proprietor shoal, N.B.	Stranded .... E. Z. Connisky.		Total. Ship, $100,000. Cargo, $200,000.
June	27..	Earl Grey 122009	9	Lunenburg, N.S..	Schr..... Wood Sail	96	Halifax.... ..... Cushing, Nfld.	Point Pleasant..... Shoal, N.S.	Stranded..... ... J. McLeod.		Part. $1,200.
Aug.	12..	Erin 121761	28	Vancouver.....	Tug .... Wood Steam	91·80	Vancouver .... Anacortes.	False narrows. .. Vancouver Hr.	Stranded ..... H. J. McLellan.		Part.
Feb.	8..	F. M. Toro..... 130728	5	Lunenburg, N.S..	Schr.. .. Wood Sail	99·66	Burin, Nfld..... Lunenburg.	Lat. 30°58′ N..... . Long. 36°00′W. No. Atlantic.	Abandoned..... . .. C. Conrad.		Total: Ship, $12,000; cargo, $350.
"	25..	F. H. Phippen.... 130292	7	Vancouver.....	Tow.... Wood Gasolene	10	Prince Rupert .... Pearry Passage.	Pearry passage.	Stranded ..... E. Swendsen.		Slight damage.
Aug.	9..	F. A. J. E..... 133898	6	Parrsboro, N.S. ..	Schr.. .. Wood Sail	356	New York. .... Norfolk.	Newport News, Va..	Collided with *Helen*..... V. J. Hertle.		Part.
"	14	Floridal..... 134099	3	Vancouver..	.... Wood Gasolene	11·04	Prince Rupert.....	6 miles W.S.W. of Triple island.	Foundered..... .... C. Knightall.		Total.
Oct.	21..	Frank Seavy..... 76742	28	Boston.....	Schr..... Wood Sail	336	Gaspe..... New York.	10 miles E. of Sambro Lt., No. Atlantic.	Masts and gear carried away. W. Kelrn.		Part. $9,000.
Dec.	6..	F. W. Roebling... 113782	.....	Halifax.....	Schr..... Wood Steam	78	Halifax harbour	Halifax harbour.....	Damaged by explosion of *Mont Blanc.* Chas. Wood.	1	Part. $8,000.

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COASTING AND SEA GOING WRECKS—*Continued.*

Date of Casualty.	Name of Ship. — Official Number.	Age of Ship.	Registered Port.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port Sailed From. Port Bound To.	Place Where Casualty Happened.	Particulars of Casualty. Name of Master.	Lives Lost.	Loss. Total or Partial.
Feb. 13..	Gladys & Lillian..	6	Halifax.....	Schr..... Wood Sail	103·84	Liverpool, N.S..... St. Thomas, W.I.	37°26′ N. Lat., 59°32′ W. Long., No. Atlantic.	Abandoned.. ..... A. Croft.	.....	Total.
June 9..	Glen Rosa 111982	15	Vancouver.....	Tug ..... Wood Steam	12	....	Prince Rupert Harbour.	Stranded..... E. McCoskrie.	.....	Total.
Aug. 8..	Geo. M. Warner.. 83437		Weymouth, N.S..	Schr... Wood Sail	94	Weymouth..... Yarmouth, N.S.	North Atlantic.	Missing..... A. J. Hayeock.	5	Total. $5,000.
" 16..	Glyndon..... 103752	20	Lunenburg.....	Schr..... Wood Sail	99·45	Sydney, N.S..... Summerside.	Tryon's shoal, P.E.I.	Stranded..... L. Razavet.	.....	Part.
Sept. 10..	Geo. Ewart..... 134836	4	Sydney, N.S... ..	Schr..... Wood Sail	148	Rencontre, Nfld.... Gibraltar.	North Atlantic. . ..	Collided with unknown vessel. Chs. Lake.	.....	Total.
Oct. 20..	Gray...	8	Workington, Eng.	Schr.. ... Steel Steam	280·20	Victoria.... .. .. Smith's Inlet.	Calvert island..	Stranded..... .. G. J. Dawes.	.....	Part.
Dec.	Geo. H. Orr	.....	American.....	.....	.. ..	Montreal. .... New York.	Savage harbour, P.E.I.	Stranded..... . .	.....	Part.
April 29..	Hazel L. Ritcey... 126102	9	Lunenburg, N.S..	Schr..... Wood Sail	92·44	Rose Blanche, Nfld.. Gloucester, U.S.A.	Mordgen rock, N.S..	Stranded..... E. Young.	.....	Part. Ship, $2,000 ; cargo, $2,000,
May 2..	Henry L. Marshall. 211240	1	Gloucester, U.S.A.	Schr..... Wood Gas.	42	Gloucester.... . . Liverpool, N.S.	Liverpool, N.S.... .	Stranded..... . M. Sears.	. .	Part. Ship, $3,500 ; cargo, $400.
Sept. 25..	Henrietta... 112251	43	Vancouver.....	Schr..... Iron Steam	518	Vancouver.....	Vancouver harbour..	Collided with *Princess Mary.* O. Buckely.	.....	Part.
Dec. 11..	Halifax. 95099	37	Halifax.....	Schr..... Steel Steam	1078	New York..... Bordeaux.	Sailed from Azores..	Missing... .... W. A. Clarke.	....	Total. $300,000.

May	3..	Icolite..... 134514	1	Sarnia, Ont....	Steel... .. Steam	1548·88	New York..... Montreal.	50 miles S.E. of Cap Rosaris, Gulf of St. Lawrence.	Damaged by ice. ... Geo. Findley.	.....	Part.
Oct.	27..	Iperia 110544	18	Montreal.....	Schr..... Steel Steam	2061	Blyth ..... Sealed orders.	East coast of England.	Collided with *Giralda*. A. J. Anderson.	.....	Part.
Dec.	17..	Ida M. Clark. 111687	15	Halifax.	Schr..... Wood Sail	99	Boston..... Liverpool, N.S.	Point Negro, N.S...	Stranded... ..... J. A. Lake.	.....	Part. $1,500.
Jan.	25..	Jennie E. Duff... 130467	6	Lunenburg, N.S..	Schr..... Wood Sail	1199·31	Grand Banks, Nfld.. St. Johns, Nfld.	Lisbon, Portugal....	Missing..... Jos. Mason.	.....	Total: Ship, $9,000; cargo, $500.
Feb.	10..	Joseph P. Mesquita.	6	Gloucester, U.S.A.	Schr..... Wood Sail	78	Boston. .... Fishing.	North Atlantic.....	Loss of sails and gear. P. F. Richard.	1	Part.
Oct.	11..	Jennie Myrtle.... 103414.	12	Lunenburg, N.S..	Schr ..... Wood. Sail...	99·03	Halifax..... .... Salmon bay Lab.	Entrance to Salmon bay.	Stranded..... .... Sam. Shaw.	.....	Total. Ship: $3,000. Cargo: $7,500.
Dec.	6..	J. A. McKee..... 125442	10	Sault Ste. Marie..	F. & A.. Steel. Steam.	1375	Sydney, N.S.. ..... Halifax.	Halifax harbour.....	Damaged by explosion of *Mont Blanc*, J. F. Chapman.	n. ...	Part. $125,000.
"	7..	Jane Cox..... 138201.	2	Shelburne, N.S....	Schr..... Wood. Sail.	94	Port Clyde, N.S.... Barbadoes.	Lat. 38.11′ N., Long. 62.39′ W., North Atlantic.	Loss of part of cargo, R. McAlpine.	.....	Part. $300.
"	10..	Joseph P. Masquita.	6	Gloucester, U.S.A.	Schr..... Wood. Sail.	78	Gloucester..... .. Fishing.	White Head harbour, N.S.	Stranded... ..... J. H. Cass.	..	Total. Ship: $15,000. Cargo: $2,500.
"	16..	J. B. Young..... 126584.	8	Lunenburg, N.S..	Schr..... Wood. Sail.	99·72	Lunenburg, N.S ... Barbadoes.	Lat. 39.30′ N., Long. 60.40′ W., North Atlantic.	Damaged in gale. . A. Himmelman.	.....	Part. $215.
Feb.	26..	King Josiah .... 125965.	9	Parrsboro, N.S....	Schr..... Wood. Sail.	147	Liverpool, N.S..... Barbadoes.	Lat. 35.40′ N., Long. 62.30′ W., North Atlantic.	Loss of sails and part of cargo. H. Hartling.	.....	Part.
Mar.	11..	Kwasind..... 104263.	23	Quebec.	F. & A. .. Steel.	1375	Bilbao . . .. West Hartlepool.	.....	Sunk .... F. Shayter.	12	Total.
June	11..	Korana ..... 137736.	16	Malta	Schr..... Steel. Steam.	2387	Malta ..... Montreal.	Off Quebec.....	Collided with *Royal Transport*. R. Rosekelly.	.....	Part.
July	25..	Kilbergen ..... 140259.	3	London...	Schr..... Steel, Steam.	2964	London..... .. .. Montreal.	Lat. 47.39′ N., Long. 59.30′ W., Cabot Strait.	Collided with *Heathcote*. J. S. Ledsome.	. ...	Part.
Aug.	3..	Katie H ..... 125998.	9	Montreal..... ..	Barge .... Wood.	370	Montreal..... .... Quebec.	Below Sorel.....	Collided with *Celia*.. L. Lalonde.		Part. $2,500.
Nov.	13..	Katie H..... .... 125998.	9	"	Barge .... Wood.	370	Escoumains..... Levis.	La Traverse ..... St. Lawrence River.	Foundered.. ..... L. Lalonde.	.....	Total. Ship: $9,000. Cargo: $500.
Jan.	19..	Lillian H... . .. 133894.	1	Parrsboro, N.S. .	Schr..... Wood.	476	Whitehaven ..... Barbadoes.	... .	Torpedoed. ... . E. D. Brown.	.....	Part.
April	14..	Leta J. Schwartz.. 130909.	5	Lunenburg, N.S..	Schr..... Wood. Sail.	95	Santa Pola..... Lunenburg..	Lat. 21.22′ N., Long. 52.43′ W., North Atlantic.	Damaged in gale.... H. Schwartz.	.....	Part.

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COASTING AND SEA GOING WRECKS—*Continued.*

Date of Casualty.	Name of Ship. Official Number.	Age of Ship.	Registered Port.	How Rigged. Iron or Wood. Steam or Sail,	Register Tonnage.	Port Sailed From. Port Bound To.	Place Where Casualty Happened.	Particulars of Casualty. Name of Master.	Lives Lost.	Loss. Total or Partial.
May 3..	Lord Antrim ..... 113518.	15	Belfast..... ..	Schr..... Steel. Steam.	2773	Dublin ... . Glasgow.	3 miles S.W. of Fourchu, C.B.	Stranded..... .... Jas. Aiken.	.....	Part.
July 26..	La Have Packet.. 88616.	33	Lunenburg, N.S..	Schr..... Wood. Sail.	67	Sydney, N.S..... Charlottetown, P.E.I.	Fifteen Points, P.E.I.	Stranded.. ..... T. G. Buffit.	.....	Part. $630.
" 27..	Lucerna ..... 99437.	25	Liverpool.....	3 masts... Steel. Steam.	2071	North Shields. ..... Montreal.	Cape St. Charles.... River St. Lawrence.	Stranded.. ... . J. Shotton.	....	Part.
Aug. 1..	Letitia..... .... 133033.	5	Glasgow.....	Schr..... Steel. Steam.	5763	Liverpool..... Halifax.	Portugese Cove..... Halifax harbour.	Stranded..... ... .. W. McNeil.	1	Total. $2,000,000.
" 10 ..	Leah D..... .... 100077.	26	St. John, N.B....	Schr..... Wood. Sail.	48	Economy, N.B..... St. John, N.B.	Half way between Cape Dor and Harborville, N.S.	Stranded..... . . E. Sabean.	. ..	Part. Ship: $600. Cargo: 300.
" 23..	Lena..... . .. 115850.	15	London.....	Schr..... Steel. Steam.	892	Tyne. . ... Louisburg.	Lat. 45.57′ N., Long. 59.91′ W., North Atlantic.	Stranded..... H. J. Charters.	.....	Part.
Dec. 6.	Lola R... ..... 131078.	5	Lunenburg, N.S..	Schr..... Wood. Sail.	13·34	Herring Cove, N.S.. Halifax.	Halifax harbour.....	Blown to pieces by explosion of *Mont Blanc*. John Laller.	....	Total, $500.
Feb. 3..	Manchester Citizen. 124299.	4	Manchester.....	Schr..... Steel. Steam.	2725	Manchester ..... Halifax.	Lat. 45·57′ N., Long. 48.47′ W., North Atlantic:	Collided with unknown vessel. C. H. Scott.	. ....	Part.
" 6 .	Mayola..... ... 126588.	7	Lunenburg, N.S..	Schr..... Wood. Sail.	119·39	St. John's, Nfld.... Gibraltar.	.....	Sunk.... ..... John Hamilton.	. ...	Total. Ship: $19,000. Cargo: $5,000.
Mar. 3 .	Maggie Belle ..... 116516.	13	" " ..	Brig.. .... Wood. Sail.	99·25	Santa Pola ..... St John's, Nfld.	Lat. 38·20′ N., Long. 32.00′ W., North Atlantic.	Foundered..... J. J. Connor.	.....	Total.

"	6..	Marion Helena.... 134407.	2	" " ..	Schr.. ... Wood. Sail.	91·15	Santa Pola..... Mahone Bay, N.S.	Gibraltar bay.....	Foundered ..... C. Burgoyne.	. ...	Total. Ship: $12,000. Cargo: $300.
"	15..	Mary & Mildred.. 130941.	5	" " ..	Schr..... Wood. Sail.	99·52	Cadiz..... St. John's, Nfld.	Lat. 38.20′ N., Long. 45.10′ W., North Atlantic.	Main boom and gaff carried away. H. Williams.	.....	Part.
April	9..	Mildred G. Myers. 121996.	10	Lunenburg, N.S..	Schr..... Wood. Sail.	55	White Head, N.S.. Halifax.	Halifax harbour.....	Stranded..... F. Myers.	.....	Part. $1,000.
April	18.	Maskinongé ..... 131422.	5	Liverpool..... ...	Schr ..... Steel. Steam.	2672	Louisburg, N.S. .... St. John, N.B.	St. John harbour....	Stranded..... B. R. Griffitts.	. ....	Part. $2,000.
April	23..	Mary & Mildred.. 130841.	5	Lunenburg, N.S..	Schr..... Wood. Sail.	99·52	Placentia, Nfld ..... St. John's "	St. Johns harbour, Nfld	Foundered ..... H. Williams.	.	Total.
May	6..	Mark A. Tobin... 134393.	3	" ..	Schr.. ... Wood Sail.	99·17	Lunenburg..... Halifax.	Off Sambro Island..	Stranded..... K. Iverson.	.....	Total. Ship: $12,000. Cargo: 15,000.
June	4..	Marmion.... .... 102622.	24	Glasgow.....	F. & A... Iron. Steam.	24	Tod Inlet..... Rivers Inlet.	Schooner Passage, B.C.	Stranded..... J. Hunter.	.... .	Part.
June	5..	Maisonneuve. .... 138224.	1	Montreal.....	.... Wood. Steam.	45·73	Montreal ..... Trois-Rivières.	2 miles opposite Contrecœur, Riv. St. Lawrence.	Collided with "Imperoyal". J. Paquette.	. . .	Part. $1,000.
July	7..	M. M. Gardener .. 130732.	5	Lunenburg, N.S..	Schr..... Wood. Sail.	100	St. Johns, Nfld..... Lunenburg.	Lunenburg harbour .	Stranded..... M. Tobin.	.....	Part. Ship: $500. Cargo: 200.
Aug.	26..	Minas Queen .... 133897.	1	Parrsboro, N.S. ..	Schr.. .. Wood. Sail.	492	Rockport .. . . . New York.	.....	Sunk..... Capt. Homer.	6	Total.
Sept.	4..	Melampe ..... 74550.	4	Vancouver.....	..... Iron. Steam.	1561	Vancouver..... No. Vancouver.	North Vancouver. . .	Collided with "Quatram". P. Farrell.	.....	Part.
Sept.	24..	Marion A. Silver.. 130829.	5	Lunenburg, N.S..	Schr.. .. Wood. Sail.	99·34	Grand Banks, Nfld.. "	Lat. 43, N. Long. 40, W. No. Atlantic.	Collided with "Margaret Lake". P. Bonfield.	.....	Total. Ship: $18,000. Cargo: 1,000.
Nov	23..	Mildred..... 122314.	10	Sydney, N.S.....	F. & A. . Wood. Sail.	166	St. Johns, Nfld..... Gibraltar.	North Atlantic.	Damaged in gale.... Chs. Welher.	.....	Part.
Nov.	24..	Matanzas..... 130822.	6	Lunenburg, N.S..	Schr..... Wood. Sail.	95·92	Lunenburg ..... Bridgetown, Bdoes.	....	Missing .... S. Oeckle.	7	Total.
Dec.	6..	Mont Blanc.....	18	St. Nazaire, France	.. . .. Steel. Steam.	2252	New York..... Bordeaux.	Halifax habour.	Collided with "Imo", and exploded. A. Lamedec.	....	Total. Ship: $1,000,000. Cargo: 4,000,000.
Dec.	22..	Matanzas... ..... 92888.	34	New York.....	..... Steel. Steam.	2006	New York..... Bordeaux.	Mars Head, N.S., North Atlantic.	Stranded..... S. M. Houston.	.....	Part. $75,000.
Jan.	17..	No. 6 Dredge. .. 138258.	.....	Lunenburg, N.S.	Dredge.. Iron. Sail.	370·10	Isaac Harbour..... Sydney, N.S.	Shag rock, N.S . . .	Foundered..... Capt. Hatfield.	9	Total.

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1917—*Continued.*

COASTING AND SEA GOING WRECKS—*Continued.*

Date of Casualty.	Name of Ship. — Official Number.	Age of Ship.	Registered Port.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port Sailed From. — Port Bound To.	Place Where Casualty Happened.	Particulars of Casualty. Name of Master.	Lives Lost.	Loss Total or Partial.
April 22..	Neepawah ..... 102579.	14	Hamilton	Schr..... Steel. Steam.	1190	Swansea..... Rouen.	.....	Sunk.. .. .. Fred Scott.	...	"
June 10..	Njord .. . . 134522.	31	Sydney, N.S ..	..... Wood. Steam.	254·45	North Sydney..... St. John's, Nfld.	40 miles E. & N. of St. Pierre-Miquelon.	Burnt..... Jos. Turner.	...	Part. $1,000.
July 8..	New England..... 85634.	34	St. Johns, Nfld...	Schr..... Wood. Sail.	58	Sydney, N.S.. .... Charlottetown, P.E.I.	Dog Island shoal, Lennox passage.	Stranded..... D. Munroe.	.....	Part.
Oct. 6..	Noreg.....	1	Yarmouth, N.S ..	Sloop..... Wood. Steam.	178·31	New York ..... Harbour Grace, Nfld.	Western Head light, Shotts, Nfld.	Stranded..... L. J. McKinnon	.. ..	Total.
Nov. 7..	Nanoose .... 122397.	9	Victoria, B.C.. ..	Tug .... Iron. Steam.	166	Vancouver.. .... .. Ladysmith.	Portier pass, gulf of Georgia.	Stranded..... Thos. Manion.	.....	Slight damage.
June 10 .	Orontes..... 105040.	22	Vancouver.....	Schr..... Iron. Steam.	76	Vancouver. . . . . Mulgrave, N.S.	Horse island, N.S ..	Stranded.... ... ... J. W. Reynolds.	.. ..	Part. $10,000.
July 16..	Oregon ..... 126064.	9	Charlottetown, P.E.I.	Schr..... Wood. Sail.	46	Canso, N.S ..... Shelburne, N.S.	Entrance to White head, N.S.	Stranded..... .... A. J. Pelrine.	.....	Total.
Jan. 21..	Prince John ..... 129472.	7	Prince Rupert, B.C.	Schr..... Steel Steam.	540	Prince Rupert .... "	Maple island, B.C...	Stranded.. ..... A. M. Davies.	....	Slight damage.
Jan. 26..	Prince John ..... 129472.	7	Prince Rupert .. . B.C.	Schr.. ... Steel. Steam.	540	Prince Rupert..... Juneau.	Wrangle narrows. ..	Stranded..... . . A. M. Davies.	.....	Part.
Jan. 28..	Perce 138192	7	Liverpool, N.S....	Schr..... Wood. Sail.	368·03	Halifax .... Santos.	Lat. 2·49' N. .. ... Long. 27·16' W., No. Atlantic.	Lost ... . C. J. Robert.	.....	Total.
Feb. 7..	Princess Patricia.. 115085	15	Victoria	Schr.. ... Steel. Steam.	535·42	Nanamo.. ... . Vancouver.	Point Grey.....	Stranded.. ..... J. W. P. Ritchie.	.....	Part.

Feb. 18..	Plymout..... 80801	38	Windsor, N.S....	Barge .... Wood.	1312	New York..... St. John, N.B.	New York..... ...	Collided with barge... .. *Barry.* S. M. Monarde.	Part $600.
Mar. 23..	Prince Rupert ... 129743	7	Newcastle	Schr.... . Steel Steam.	1626	Amyot, B.C.... ... Seatle, Wash.	Gem Inlet, B.C	Stranded. .. .. J. Mackenzie.	Part.
April 24..	Prince Albert. ... 99584	25	Prince Rupert	..... Steel. Steam.	587	Vancouver.. ..... Ocean Falls, B.C.	Margaret, bay, B.C.	Stranded.. .... W, S. Morehouse.	Part.
May 11..	Princess Sophia... 130620	5	Victoria.....	F. & A,... Steel. Steam.	1169	Skagway..... Alaska.	Wrangle narrows, B.C.	Stranded.. ... . L. P. Locke.	Part,
May 22..	Pharaon..... 121953	18	Vancouver.....	Schr..... Wood. Gas.	17·30	Prince Rupert .. ... Fishing.	Queen Charlotte island, B.C.	Foundered.... ... . D. Malone.	Total. Ship. $8,000. Cargo: $2,000.
June 2..	Premier.. 98964	26	London.	Schr..... Steel. Steam.	187·77	Halifax. ..... . Halifax.	Sambro, N.S.....	Stranded..... .... G, Hennekey.	Total.
June 16..	Princess Maquina. 133769	4	Victoria	Schr..... Steel. Steam.	978·60	Victoria..... ..... Quatsino.	Lat. 50·01'N., Long. 127·33·05' W., Pacific ocean.	Stranded.. .... E. Gilliam.	Slight damage.
July 20..	Petrel 121974	11	Victoria	..... Steel. Steam.	58	Nanaimo..... Victoria.	Fulford reef, Discovery island.	Stranded... ..... Hugh Fletcher.	Part.
Aug. 27..	Princess Mary 109860	29	Vancouver	Schr. ... Steel. Steam.	892	Vancouver..... .... Ocean Falls B.C.	Off Jane island, Finlayson channel.	Collided with *Jefferson.* C. C. Sainty.	Slight damage.
Sept. 25..	Princess Mary.... 126950	7	Victoria....	Schr.. ... Steel. Steam.	1345 64	Vancouver..... Victoria.	Vancouver harbour.	Collided with *Henriette.* C. Campbell.	Part.
Nov. 12..	Prince John 129442	7	Prince Rupert	Schr..... Steel. Steam.	535	Prince Rupert... . Aliford Bay.	Aliford bay, B.C....	Stranded.. .... A. M. Davies.	Part.
Nov. 13..	Prince George 129748	7	Newcastle	... . Steel. Steam.	1625	Prince Rupert ..... Vancouver.	Vancouver.... ...	Collided with Ferry boat.	Part.
Dec. 20..	Prince Albert..... 99584	25	Prince Rupert	Schr..... Steel. Steam.	587	Prince Rupert ..... Lockport.	Off Lockport.....	Stranded..... . ..... B. C. H. Nidden.	Slight damage.
Feb. 17..	Seth Jr..... 126039	6	Halifax.	Schr..... Wood. Sail.	199	St. Johns, Nfl..... Pernambuco.	15 miles S.S.W. off cape Race, Nfl.	Damaged in gale..... H. Keeping.	Part.
April 13..	Strathcona..... 110354	17	Hamilton...	Schr..... Steel. Steam.	1465	Tyne ..... Marseilles.	....	Torpedoed....	Total.
April 24..	Stella Maria.... . 117528	35	St. Johns, Nfl....	Schr..... Wood. Sail.	54	Halifax .... North Sydney.	Petrie reef, Sydney harbour.	Stranded.. .... A. W. Brennen.	Part. $300.
May 8..	Sam Slick. 107301	19	Windsor, N.S....	Schr..... Wood. Sail.	90	St. John, N.B..... Boston, Mass.	8 miles N.E. from Cape Ann, U.S.A.	Foundered..... ..... J. E. George.	Total. $3,500.

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1917—*Continued.*

COASTING AND SEA GOING WRECKS—*Continued.*

Date of Casualty.	Name of Ship. Official Number.	Age of Ship.	Registered Port.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port Sail From. — Port Bound To.	Place Where Casualty Happened.	Particulars of Casualty. Name of Master.	Lives Lost.	Loss. Total or Partial.
May 19..	Samual Marshall.. 107426	29	Brockville, Ont...	.... .. Wood. Steam.	540	Ashtabula .... Chicoutimi.	West cape, Saguenay river.	Stranded..... W. A. Tullock.	.....	Part. $4,000.
July 1..	Singapore 123729	11	London.....	Schr .... Steel. Steam.	2736	Belfast..... Quebec.	14 miles E. off Little Metis, river St. Lawrence.	Stranded..... F. W. Hatwell.	.....	Part.
July 26..	Sylph..... 756	23	St. Johns, Nfl.....	Schr..... Wood. Sail.	76·07	Sydney, N.S..... Summerside, P.E.I.	Hillsborough bay, Northumberland, Str.	Stranded.. ..... Jos. Troke.	.....	Part.
Nov. 17..	Scandinavian..... 109441	19	Glasgow.....	Schr..... Steel. Steam.	7729	Liverpool. ..... Montreal.	Cap à la Roche, riv. St. Lawrence.	Stranded..... J. M. Reith.	.....	Part.
Nov. 22	Spokane 117116	15	New York.....	Schr..... Steel. Steam.	1350	Seattle, Wash..... Ocean Falls, B.C.	Idol Point, Seaford channel, B.C.	Stranded..... A. McKay.	.....	Part.
Dec. 6..	St. Bernard..... 107570	16	Parrsboro, N.S....	Schr..... Wood Sail	123	... . Demerera.	Halifax harbour . ..	Blown to pieces by explosion of "*Mont Blanc*".	3	Total. $12,000.
Dec. 6..	Shianne 130958	6	Lunenburg, N.S..	Schr..... Wood Gas	21	Petit de Grat, N.S.. Port Hawkesbury, N.S.	Port Hawkesbury...	Jos. Evans. Stranded..... ..... A. Goyetche.		Part. $400.
Dec. 6..	Stella Maris..... 117528	35	St. Johns, Nfld....	Schr..... Wood Sail	54	Halifax Harbour.... "	Halifax harbour ...	Damaged by explosion of "*Mont Blanc*".	9	Part.
March 28.	Triumph..... 125067	10	Grimsby, B.C.....	Ketch.... Steel Steam	124	Halifax..... .. Fishing.	Lawrencetown head, N.S.	A. W. Brennen. Stranded.. ..... D. Myhre.		Total. $10,000.
April 8..	Thomas..... 131929	9	Shelburne, N.S.. .	Schr..... Wood Sail	115·09	Belleville, Nfld. .... Rose Blanche, Nfld.	... .	Sunk..... Capt. Keeping.		Total. Ship: $16,000. Cargo: $700.
April 15..	Thos. Mason 133755	13	St. John, N.B....	.... Wood Steam	21	St. John, N.B .... Black River, N.B.	Near Barber rock...	Stranded..... J. Longherey.	11	Part. $700.

May 23..	Tees..... 95929	24	Victoria, B.C.....	Schr..... Iron Steam	441	Victoria ..... Port Alice.	Arnold rock, B.C...	Stranded..... C. P. Kinney.		Slight damage.
July 15..	Thomas J. Drummond. 126863	7	Sault Ste. Marie, Ont.	2 masts... Steel Steam	1664	Levis..... Sydney, N.S.	Magdalen islands...	Stranded..... W. J. Davies.		"
August 4.	Tuscania.....	3	Glasgow.....	Schr..... Steel Steam	8621	Glasgow..... Halifax.	Lat. 44.46′ N., Long. 61.31′ W., No. Atlantic.	Stranded..... J. L. Henderson.		Part. $5,000.
Oct. 16..	Transfer No. 4 ... 134031	4	Victoria, B.C.....	Barge.... Steel Steam	895	Vancouver..... Ladysmith.	Point Grey.	Stranded..... J. Newman.		Part.
April 9..	Una..... 121699	12	Yarmouth, N.S...	Sloop..... Wood Sail	10·27	Lockeport, N.S..... Liverpool, N.S.	Off Western Shoal, N S.	Foundered..	2	Total.
May 19..	Uraguay.....	22	Charlottetown, P.E.I.	Schr..... Wood Sail	97	Halifax..... Demerara.	Lat. 36.37′ N., Long. 63.00′ W., No. Atlantic.	Damaged in gale.... W. Zinck.		Part.
Oct. 9..	Vidette 107869	15	Dawson	. ... Wood Steam	159	White Horse..... Lower LeBarge.	14 miles above lower LeBarge.	Foundered.. ..... J. D. Douglas.		Total.
Feb. 13..	W. R. Lord 134241	5	Prince Rupert ...	Sloop. ... Wood Gas	27·62	Prince Rupert .... "	Dead Tree point, B.C.	Stranded.. ..... J. Robbins.		Part.
Feb. 25..	Winona..... 122851	11	Hamilton	F. & A... Steel Steam	1327	Sunderland..... Havre.	North Atlantic.....	Stranded..... R. L. Anderson.		"
May 12..	W. M. Richard... 126598	6	Annapolis Royal, N.S.....	Schr..... Wood Sail	323	Mobile..... Pointe a Pitre, Guadeloupe.	Lat. 28.44′ N., Long. 77.10′ W., No. Atlantic.	Sprung a leak. ... Z. H. Richard.		"
May 14..	William Edwards.	..	Sydney, N.S.....	.... Steam	831	Sydney. ..... Newfoundland.	10 miles off cape Pine, Nfld.	Foundered..... John Dicks.		Total.
June 11..	Winnie..... 121838	11	St. John, N.B....	..... Wood Steam	17	Ker's Brook.. ..... Parrsboro.	2 miles S. off Sambro light, N.S.	Foundered..... J. E. George.		Total. $3,500.
Aug. 21..	William Gertrude. 125967	9	Parrsboro, N.S. ..	Schr..... Wood Sail	272	Preston..... .... West Africa.	.. ..	Sunk..... W. Roberts.		Total.
Aug. 27..	Waconda..... 102577	14	Hamilton, Ont....	F. & A... Steel Steam	996	Swansea... .. .... Rabat.	60 miles W. of Scilly isles.	Damaged in gale....	1	Part.
Sept. 18..	Willie B.. 73962	41	Halifax....	Schr..... Wood Sail	39	Halifax .. .. Liverpool, N.S.	Off port Medway....	Dismasted.. ..... R. H. Corkum.		"
Oct. 28..	Wm H. Murray .. 100887	24	St. John, N.B ..	.... Wood Steam	51	Halifax Harbour ... "	Halifax harbour.....	Collided with "*Bramble Leaf*". W. Sitband.	1	Total. $14,000.
Nov. 25..	War Leader.. ...	1	Washington	Schr..... Steel Steam	1395	Cleveland .... Chatham, N.B.	Quebec harbour.....	Stranded..... D. M. Foote.		Part.

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1917—*Continued.*

INLAND WATERS WRECKS.

Date of Casualty.	Name of Ship. — Official Number.	Age of Ship.	Registered Port.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port Sailed From. — Port Bound To.	Place Where Casualty Happened.	Particulars of Casualty. Name of Master.	Lives Lost.	Loss. Total or Partial.
June 1..	Assiniboia.. 125984	10	Montreal.....	Schr.. Steel Steam	2486	Port McNicoll .... "	Collingwood.....	Foundered..... J. McCarmel.	...	Part. $1,000
June 29..	A. E. Ames 114449	14	Newcastle...	Steel Steam	1019.83	Port Colborne..... Montreal.	22 miles S.W. from point Peter, lake Ontario.	Collided with *Keybell*. W. H. Montgomery.	.....	Part.
July 28..	A. McVittie..... 138491	27	Montreal...	Wood Steam	945·16	Montreal .... Oswego.	Croils island, lake Ontario.	Stranded..... A. Lalonde.	...	Slight damage.
Aug. 13..	Arthur..... .. 111927	43	Toronto	Schr . .. Wood Sail	326	Fairhaven..... Quebec.	Dorans island.....	Stranded..... J. H. Peacock.	.....	Part.
Sept. 14..	Avon.....	30	Ogdensburg.....	Wood Steam	1147	Oswego..... "	3 miles W. of Lachine, lake St. Louis.	Stranded .... J. Gallagher.	.....	Part. $5,000
Oct. 11..	A. McVittie..... 138401	27	Montreal...	Wood Steam	945 16	Montreal..... . Oswego.	East of Refugee island. River St. Lawrence.	Stranded..... .. A. Lalonde.	.....	Part.
Oct. 28..	Aloha..... 134264	29	Midland.....	Schr.....	517	Kingston..... .... "	Simcoe island. Lt. lake Ontario.	Stranded..... .. .	...	Part.
Dec. 22..	Alberta..... 122177	10	Port Arthur.....	Wood Steam	05	Port Arthur..... "	Thunder bay, lake Superior.	Foundered..... ... Chs. Giroux.	....	Total. Ship; $1,500 Cargo; $500
May 19..	Byron Whitaker.. 134145	27	Montreal.....	Wood Steam	959	Erie, Pa..... Dalhousie, Ont.	Wicked bay, lake Ontario.	Stranded	....	Slight.
Oct. 7..	Bertie Calkins... 126127	42	Montreal.....	Fore & Aft. Wood Sail	248	Oswego..... "	Belleville, Ont.. ...	Foundered . . .... T. L. Vandresen.	.....	Total. $1,000

May 1..	Case..... 126198	28	Windsor, Ont. ...	..... Wood Steam	1246·68	Sandwich, Ont.....	Lake Erie.....	Stranded..... W. W. Allen.	Total.
May 11.	Congercoal..... 126268	35	Toronto.....	..... Wood Steam	333	Toronto ..... Fairhaven.	Fairhaven.....	Burnt..... J. Lawrence.	Total. $1,500
May 17..	Cadillac..... 138230	25	Montreal.....	..... Steel Steam	732·20	Lorain, Ohio..... Montreal.	Island Perrot, lake St. Louis.	Stranded..... W. Beatty.	Slight.
July 14 .	Compton..... 130927	35	Montreal	..... Wood Steam	936·76	Conneaut..... Chicoutimi.	Soulanges canal.....	Stranded ..... R. Rowan.	Part. $5,500
Sept. 14..	City of Ottawa.. 122018	36	Montreal	..... Wood Steam	838	Hamilton..... Montreal.	Goose Neck island..	Stranded..... Capt. Baxter.	Slight.
June 15..	Fred Merner..... 120513	35	Ogdensburg.....	..... Wood Steam	966	Fairhaven..... Rochester.	Lachine canal.....	Collided with bank.... of canal. S. Lebeau.	Part.
Nov. 3..	F. H. Lemay.....	16	Plattsburg, N.Y..	..... Wood	91	New York..... Quebec.	Opposite Wayagamac island, St. Lawrence river.	Foundered..... R. F. Patenaude.	Total.
Aug. 8..	Geo. A. Marsh... 133750	35	Toronto.....	..... Wood Sail	220	Belleville..... Kingston.	Amherst island, lake Ontario.	Foundered..... J. W. S. Smith.	Total. $5,000
Oct. 4..	George H. Jones 130221	7	Owen Sound.....	Tug.. ... Wood Steam	48·20	Owen Sound	Near Parry Sound..	Burnt..... A. W. Hoph.	Total.
May 16..	Harry E. Packer.. 116815	35	Montreal.....	..... Wood Steam	810 12	Quebec.. ..... Toledo.	Montreal harbour...	Collided with tow... E. C. Sears.	Slight.
May 23..	Harry E. Packer.. 116815	35	Montreal.....	..... Wood Steam	810·12	Montreal..... Toledo.	Toledo harbour ...	Stranded..... E. C. Sears.	"
July 19.	Harry E. Packer.. 116815	35	Montreal	..... Wood Steam	810·12	Toledo..... Quebec.	Welland canal.. ..	Collided with unknown vessel. E. C. Sears.	Part.
Sept. 4..	Howard W..... 133821	17	Montreal.	..... Wood. Steam.	923·97	Montreal. ..... Lorain, Ohio.	Alexandria Bay narrows, St. Lawrence river.	Stranded..... H. Malette.	Part. $7,000.
Sept. 14..	Harry E. Packer.. 116815	35	"	..... Wood. Steam.	810·12	Fairhaven ..... Quebec.	Coteau lake, Ont ...	Stranded..... E. C. Sears.	Part. $5,000.
Sept. 20..	Hiawatha..... 96904	27	"	..... Wood. Steam.	518	Kingston..... Kingston.	8 miles off Yorkshire island, lake Ontario	Foundered..... 6	Total.
Nov. 27..	India..... 107735	18	"	..... Wood & iron. Steam.	572·82	Port Colborne. .... Montreal.	Lachine canal.	Stranded..... J. A. Lépine.	Part. Ship: $10,000. Cargo: $20,000.

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1917—*Concluded.*

INLAND WATER WRECKS—*Concluded.*

Date of Casualty.	Name of Ship. — Official Number.	Age of Ship.	Registered Port.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port Sailed From. — Port Bound To.	Place Where Casualty Happened.	Particulars of Casualty. Name of Master.	Lives Lost.	Loss. Total or Partial.
May 9..	John Plankinton..	.....	(Grand Trunk Ferry.	....	... .	Toledo. ..... Hancock.	Detroit river, Canadian waters.	Collided with ferry *Detroit* and foundered.	.....	Total. Ship: $80,000. Cargo: $20,000.
July 16.	James W. Follette 116816	36	Cobourg..	. . .... Wood. Steam.	590·08	Ogdensburg.., . Ashtabula	Welland canal	Stranded.. .... C. A. Maloney.	...	Part. $3,500.
Aug. 21..	James Reid..... 116398	42	Sarnia.....	Tug ..... Iron. Steam.	123	Sarnia..... . . Byng Inlet.	2 miles S½ E. of Byng inlet, Georgian bay.	Foundered..... F. T. Smith.	. .	Total.
Aug. 22..	John S. Thom 126388	27	Quebec.	.... Wood. Steam.	911·23	Ogdensburg.... .... Ashtabula.	½ mile N. E. of Devil's Nose, lake Ontario.	Damaged in gale.... W. J. Steele.	.....	Part.
May 8..	Keynor..... 133558	3	Newcastle.....	.... Steel. Steam.	1,090·14	Toledo . ... Montreal.	4 miles above Lachine canal.	Stranded.. ..... Jos. Martin.	.....	Part.
July 30..	Kildonian..... 92548	29	Montreal.....	Schr.. ... Wood. Sail.	499·06	Montreal..... .... Oswego.	2 miles W. of Brockville, river St. Lawrence.	Collided with *Stewart W.* D. Monette.	.....	Part. $6,000.
Nov. 25.	Keynor..... 133558	3	Newcastle.....	... . Steel. Steam.	1,090·14	Conneaut..... . ... Montreal.	Off McGee's shoal, lake St. Francis.	Stranded..... .. Jos. Martin.	.....	Slight damage.
May 11..	Lloyd S. Porter... 94927	24	Montreal.....	.... Wood. Steam.	379·45	Montreal..... Fairhaven.	North Fairhaven, lake Ontario.	Burnt ..... F. Patenaude.	....	Total. $20,000.
Nov. 3..	Lawrence C. Gift..	7	Albany, N.Y.....	..... Wood.	99	New York ..... Quebec.	Opposite Wayagamac island, river St. Lawrence.	Foundered..... .. L. C. Gift.	.....	Total.
Dec. 5..	Lehigh..... . .. 140424	37	.....	.... Iron. Steam.	1,035	Cleveland. ..... Montreal.	Welland canal	Collided with stone pier. M. Peterson.	.. ..	Part. $5,000.
Feb. 8..	Martha Stewart...	....	Toronto	... . Steel. Steam.	32	Toronto	Toronto harbour....	Foundered..... ..	.	Part. $1,000.

May 1..	Munroe C. Smith.. 93382	.....	Oswego.....	..... Steel. Steam.	3,016	Fairport..... ... Buffalo.	Passage island, lake Superior.	Stranded.. . ..... E. Stanley.	.....	Part. $10,000.
May 15..	Magnolia..... 103690	.....	Midland..	..... Wood. Steam.	190	Kingston.. .... Prescott.	Below Clayton, N.Y.	Stranded.. .... Robt. Graham.	.....	Part.
July 9..	Manitoba..... .. 94878	28	Montreal	..... Steel. Steam.	1,699	Port McNicoll..... Owen Sound.	Off Whitefish point, lake Superior.	Collided with *W. S. Mack.* J. McIntyre.	.....	Slight damage.
Aug. 13..	Middlesex.....	36	Chicago	Barge .... Wood.	587	Huron... ..... Montreal.	Dorans island.....	Stranded..... D. Demers.	.....	Part.
Oct. 27..	Mapleton..... 123926	28	Sunderland, Eng..	..... Steel. Steam.	1,140	Ashtabula..... . Québec.	Lake St. Louis.....	Stranded.. . .. . A. F. McLennan.	.....	Part. $1,000.
May 26..	Nepigon 130272	34	Buffalo..... .	..... Wood. Steam.	548	Upward bound.....	Welland canal	Collided with gates of lock No. 1. W. H. Brooks.	.....	Part.
June 9..	Nepigon..... 130272	31	"	..... Wood. Steam.	518	Montreal..... .. Huron.	Weavers point.....	Stranded.. ..... W. H. Brooks.	....	Part.
June 18..	Natironco..... 133746	25	Toronto.....	..... Steel. Steam.	541	Toledo.....	Detroit river.....	Collided with *Eastern States.* J. P. McLeod.	.....	Total.
Oct. 14 .	Phœnix..... .. 111571	17	"	Barge ... Wood. Steam.	54	....	Peel island, Ont.....	Stranded..	....	Part.
Aug. 31..	Rapids City .. 85525	33	"	..... Wood. Sail.	39	Bowmansville .... Toronto.	8 miles E.S.E. from Toronto, lake Ontario.	Foundered..... G. Arthurs.	....	Total. $2,000.
Oct. 22..	Richard W.. 133832	26	Montreal.....	..... Wood. Steam.	904·53	Montreal ..... Toledo.	Wolfe island, river St. Lawrence.	Stranded..... .. T. B. C. Raymond.	....	Part. $2,000.
Nov. 16..	Rufus P. Ranney..	10	Fairport..	..... Steel. Steam.	3,405	Buffalo. .. .. Depot Harbour.	Port Arthur... ...	Collided with dock. C. N. Baker.	.....	Part. $1,500.

APPENDIX No. 9.

MASTERS AND SEAMEN'S BRANCH.

Report of B. F. Burnett, Officer in Charge.

During the past fiscal year navigation schools were in operation at St. John, Halifax, North Sydney, Yarmouth, Quebec, and Kingston.

Marine lectures were delivered at Yarmouth, Collingwood, and Vancouver. The total expenditure on account of these services was $4,814.

Examinations for Masters' and Mates' Certificates were held at Halifax, Yarmouth, North Sydney, St. John, Charlottetown, Quebec, Vancouver, Victoria, Prince Rupert, Edmonton, Nelson, Toronto, Collingwood, Port Arthur, and West Selkirk.

Issued during the year: 11 masters', 14 mates', 35 second mates', seagoing certificates of competency, 109 masters' and 101 mates' coasting certificates, 30 masters' and 34 mates' inland waters certificates of competency, and 39 mates' temporary certificates.

Fees paid, $4,611.92; expenditure, $13,589.12.

PILOTAGE.

The Minister of Marine and Fisheries is the pilotage authority in the pilotage districts of Montreal and Quebec, and all matters of pilotage in those districts are controlled by the minister through a general superintendent at Quebec.

In the pilotage district of Montreal there are fifty pilots and thirteen apprentices, and in the pilotage district of Quebec there are sixty-two pilots and twenty-one apprentices. Pilots in these two districts receive all their earnings, less 5 per cent in the Montreal district and 7 per cent in the Quebec district, which is paid into their respective Decayed Pilots' Fund. The total gross earnings of the Montreal pilots for the twelve months ended December 31, 1917, amounted to $110,564.17, and the total gross earnings of the Quebec pilots during the same period amounted to $115,561.99. All expenses of these services are paid out of public funds, and during the twelve months ended March 31, 1918, amounted to $52,068.10.

Retired pilots of the Montreal and Quebec districts are regularly paid a yearly pension of $300 each out of their respective Decayed Pilots Funds, and certain retired pilots of the Quebec district are paid in addition a yearly Government pension of $300, those government pensions for the twelve months ended March 31, 1918, amounting to $8,475.

Of the thirty-nine other pilotage authorities constituted under the authority of the Governor in Council in pursuance of the provisions of the Canada Shipping Act, fourteen have sent in returns for 1917.

APPENDIX No. 10.

SIGNAL STATION, CITADEL, HALIFAX, N.S.

Record of Shipping from April 1, 1917, to March 31, 1918, by W. W. Davis, Captain, R.C.E., Superintendent of Signals:—

Total vessels reported	2,712
" arrived	2,711
" passed	1

APPENDIX No. 11.

SABLE ISLAND.

Mr. J. U. Blakeney, superintendent, reports that parts of the buildings are very badly in need of repairs, and if not attended to soon will be gone past all repair.

Boats on hand as last year: some of them require the attention of a skilled carpenter.

Live stock: 35 horses, 75 horned cattle, 4 hogs.

People on the island: 46, including 5 at the wireless station.

Cattle killed: 5; 4 consumed on island; total weight, 2,850 pounds; one sent ashore.

Pigs killed: 7; total weight, 1,500 pounds.

Number of times rounds were made: A.M., 53; P.M., 32; total, 85.

Number of boat drills: 12.

Rocket drills: 8.

Crops normal.

APPENDIX No. 12.

REPORTS OF AGENCIES.

The annual reports of the agents of this department are necessarily too voluminous for publication. Abstracts from these reports have accordingly been made.

HALIFAX AGENCY.

There has been a marked increase in the shipping of the port of Halifax during the last year, the arrivals numbering 2,711 as against 1,624 in 1916-17.

A small steamer to carry supplies to the Halifax lightship and neighboring light-stations, and for the placing and lifting of small buoys in various harbours, is needed.

During the fiscal year 1917-18 the following aids to navigation have been in operation: 258 lighthouses, 40 pole lights, 2 light vessels, 22 diaphones, 4 steam fog vessels, 57 hand horns, 6 mechanical fog bells, 23 combined gas and whistling buoys, 8 combined gas and bell buoys, 7 gas buoys, 17 automatic whistling buoys, 48 bell buoys, 3 submarine bells attached to buoys, 203 iron and steel buoys, 1,100 spar buoys, and 15 day beacons.

New aids to navigation have been established as follows: range lights at Bedford narrows, Halifax harbour; new fog alarm at Rockport; new wooden spar buoys, three at Advocate harbour, two in Inhabitants harbour, five in Little Lorembec, four in Bayside harbour, five in Port Clyde, two in Digby harbour, two in Barrington bay, one in Pennant bay, two gas buoys in Bedford narrows; one bell buoy at Petit-de-Grat island; one iron conical buoy in Halifax harbour; one automatic whistling buoy off Fourchu head.

Repairs and improvements were made to 32 lighthouses and fog alarm stations, 40 automatic and signal buoys, 18 automatic whistling buoys, and 44 bell buoys.

SYDNEY, N.S., SUB-AGENCY.

Arrangements were made for the opening of a free navigation school at Sydney. A new heater was installed in marine hospital at Louisburg, and bedding and supplies purchased.

Temporary lightkeepers were appointed at South bar and point Edward. Repairs were made to the heating system at Sydney marine hospital, and supplies bought.

Secured assistance of steamer *Stanley* in salving s.s. *Ennisbrooke* on shore, grain laden, for which the sum of $2,000 was paid to the Government. Recovered harbour buoys carried away by ice with aid of steamer *Alert*. Recovered and returned to position outer range lights at Glace bay.

PICTOU, N.S., SUB-AGENCY.

Outside buoys repaired, painted and placed in position by ss. *Brant* early in May, taken up in December, and replaced by spar buoys. Dominion steamers calling were coaled and supplied. Submerged wreck in entrance to harbour lighted and buoyed until removed; 205 steamers and 490 sailing vessels arrived.

ST. JOHN AGENCY.

This agency maintains 152 lightstations, 16 fog alarm plants, 17 gas and whistling buoys, 8 automatic whistling buoys, 31 bell buoys, 67 can and conical buoys, and 50 spar buoys.

There are three signal stations, two in the bay of Fundy at Partridge and Brier islands, and one at Escuminac, Northumberland straits.

New range lights were established at Shemogue to be in operation in the spring.

The usual repairs were made to the *Lurcher* lightship, and the ship put in first-class condition, and buildings and sheds at all the stations were kept in repair and painted when necessary.

The Partridge Island station, St. John, signalled 104 steamers and 25 sailing vessels.

CHARLOTTETOWN AGENCY.

Part of the marine wharf has been closed to vehicular traffic as it is in bad condition. During the year warehouses Nos. 2 and 3 were sold by tender and removed from the wharf; the proceeds of the sale were sent to the Receiver General.

The C.G.S. *Brant* and the oyster culture steamer *Ostrea* wintered at the wharf.

The agency maintains 53 lightstations, 5 combined gas and whistling buoys, 4 Courtney whistling buoys and 4 American pattern bell buoys.

The revenue collected from 31 government wharves amounted to $1,014.74, remitted $766.73.

MONTREAL AGENCY.

New range lights were constructed at Cape Madeleine village. Gentilly back light, destroyed by fire in the spring of 1917, was rebuilt. The pier at Ile de Grace back light was further protected. The St. Sulpice course front light was moved to a new site. Electric lights were placed in the Vaudreuil wharf beacon. New apparatus was installed at Ash, and Bloody Island lights.

The buoys in the ship channels were maintained in first-class condition. The wrecked steamer *Glacial* was removed and placed in a position where she will no longer obstruct navigation.

EXPENDITURE.

Agencies, rents and contingencies	$14,795 31
Construction of lights	29,887 68
Dominion steamers	69,240 18
Construction buoy service	1,812 48
Maintenance buoy service	40,558 58
Maintenance of lights	19,348 85
Lightkeepers' salaries	33,171 38
Wrecks	503 02
Maintenance and repairs to wharves	1,210 26
	$210,527 74

QUEBEC AGENCY.

This district extends from point Platon to Belle Isle, and includes the Saguenay river, lake St. John and Chaleur bay; the vessels under the immediate control of the agency are the ice breakers *Montcalm* and *Champlain*, the steamers *Druid, Eureka* and *Rouville*, and the lightships *Red Island* No. 3, *White Island* No. 5, *Prince Shoal* No. 7, and *Lower Traverse* No. 20, and for winter repairs and supplies the ice breaker *Lady Grey* and the steamers *Bellechasse* and *Princess*.

This agency also attends to the requirements and administration of the ferry service between River Ouelle wharf and the north shore of the river St. Lawrence during winter and summer. The agency employs between 250 and 325 men.

Fifty wharves are under the control of the agency, the net revenue from which in 1917-18 amounted to $6,391.42. The lighthouse, buoy, and fog alarm services were maintained as usual, except that owing to war conditions, the fog alarms were kept in operation somewhat longer; some of them on the Gaspé coast until late in January.

The total expenditure for the year, including all branches, amounted to $945,-724.41, an increase of $146,733.70 over last year's expenditure.

DOMINION LIGHTHOUSE DEPOT, PRESCOTT, ONT.

About 265 production orders were completed by the machine shops during the year, these included the manufacture of Diamond Vapour Burner parts, the preparing of reflector apparatus, steel structural towers and oil pumping outfits, lighthouse stairs, railings, trap doors, etc.

In the vapour testing, assembling, and erecting department all vapour parts made up were carefully tested, and lights prepared for shipment and tested under running conditions. Erectors from this department were sent to various lighthouses to make repairs and set up new apparatus, and to instruct lightkeepers in the proper handling of their lights. In the carpenter shop the necessary repairs were made to government steamers, lighthouse and fog alarm buildings, etc. In the painting shop all necessary painting to buoy lanterns, Prescott division buoys, and the C.G.S. *Grenville* was done by the workmen. The blacksmith shop made all the necessary forgings, boats, bands, shackles, etc. for the various departments, plant, and government steamers; in the brass foundry a number of castings were made for lighthouse and fog alarm apparatus, gas buoy lanterns, etc.; a number of new patterns were made in the pattern shop.

The photometric room made tests of vapour burners in connection with catoptric and dioptric apparatus, also mantle lamps, mantles, petroleum oils, blaugas and pintsch gas.

FORT WILLIAM, ONT., SUB-AGENCY.

The usual work in connection with the lighthouse and buoy service was carried on during the season, on April 26 the lightkeepers were sent to Thunder cape, Welcome, Battle and Slate islands, and on May 2 the first boats left for the east, and the first vessel arrived; on December 14 the last vessel left Fort William harbour, and on December 17 all lightkeepers were removed from their stations.

KENORA, ONT., SUB-AGENCY.

The opening of navigation on the lake of the Woods in the spring of 1917 was unusually late, lightstations were manned and supplied as soon as the lake was clear of ice.

The buoy service has been much extended during the last four years, in 1915 Shoal lake was buoyed, and in 1916 and 1917 Rainy lake, and targets were erected in Sioux rapids, Manitou rapids, and on Singletons island, which have been of great benefit to navigation.

The Sand Hills channel at the mouth of the Rainy river is filling up from the north side, and in a year or two dredging will be necessary to keep the channel open.

VICTORIA, B.C., AGENCY.

A large reinforced concrete building for the storage of carbide and coal oil has been built at the wharf of the new depot, in order that this material may be carried in stock at headquarters; additional roads and extension of drainage system were other improvements.

The bridge at Ivory island which had been washed away was rebuilt with concrete piers and log stringers, standard day beacons on concrete bases were erected at Genoa bay, Mist rock and Bull rock, Turtle head, False reef, and Cook point. The maintenance branch supplied all the necessary stores to light and fog alarm stations, and attended to all necessary repairs and to the painting of buoys, beacons, buildings, etc.

PRINCE RUPERT, B.C., SUB-AGENCY.

Two new day beacons were built during the year at the entrance to Alice arm, Observatory inlet, one on Hyde rock, and one on the rock to the north of Brook island.

A new acetylene gas beacon was established off Knox point, Binnie island; all the sixteen acetylene beacons in the district and can, conical, spar, and platform buoys were maintained in good order throughout the season.

APPENDIX No. 13.

HARBOUR COMMISSIONERS' REPORTS OF MONTREAL, QUEBEC, TORONTO, VANCOUVER, THREE RIVERS, BELLEVILLE, AND PICTOU.

The reports of the Harbour Commissioners of Montreal and Quebec are synopses of the original reports, which are published in pamphlet form for general distribution.

MONTREAL HARBOUR COMMISSION.

Board.—The personnel of the Montreal Harbour Commissioners' Board for the year 1917 was as follows: President W. G. Ross, Esq., Commissioners Farquhar Robertson, and A. E. Labelle, Esq., Secretary; M. P. Fennell, Jr., Esq., who replaced Major David Seath (deceased), Chief Engineer F. W. Cowie, Esq., C.E.

TRADE OF MONTREAL COMPARED WITH THAT OF THE FOUR LEADING AMERICAN ATLANTIC PORTS.

New York—	
Value of imports	$1,191,865,982
" exports	2,332,286,213
	$3,524,152,195
Port of Montreal—	
Value of imports	$194,924,348
" exports	382,741,463
	$577,665,811
Boston—	
Value of imports	$210,900,243
" exports	131,229,946
	$342,130,189
Philadelphia—	
Value of imports	$ 95,801,175
" exports	193,495,296
	$289,296,471
Baltimore—	
Value of imports	$ 27,808,916
" exports	180,703,374
	$208,512,290

Season of Navigation.—A statement of the conditions of navigation for the season of 1917, and the date of the first arrival and last departure will be found in the Port Wardens' statement, part of Appendix No. 14.

Shipping.—A statement giving the number, nationalities, and tonnage of sea-going vessels using the port during the season of 1917 will be found in the report of the port warden, part of Appendix No. 14.

Police Department.—The harbour police force in 1917 comprised five officers and fifty-nine men, all uniformed and armed, and was employed in regulating the traffic,

maintaining order, and protecting life and property between the Lachine canal and Sutherland pier, a distance of three and a half miles. No accident of even a minor nature occurred between these limits during the season of 1917 despite the free movement of railway and vehicular traffic. The services of eighteen of the harbour constables were continuously at the disposal of the various shipping companies during the season.

Railway Traffic Department.—During the year 1917, 215,294 cars were handled as compared with 234,439 in 1916. Directly to and from the sheds, 43,745 cars were handled as compared with 51,576 in 1916. This decrease is not due solely to the decline of overseas traffic but in part to the closing down of the hay compressing plant at shed No. 25 for practically the whole season, and reduction of traffic to and from certain industries previously occupied in the manufacture of munitions.

The length of the Harbour Commissioners' railway tracks at the end of 1917 was 52·347 miles, an increase of 3·235 miles over the number of miles in use at the end of 1916. No construction work or important improvements affecting railway traffic were completed during the year, with the exception of the completion of a mile of railway embankment eastward from section 75 in the neighbourhood of Longue Pointe church.

Engineering Department.—The Engineering Department of the Montreal Harbour Commission has charge of the work of harbour construction, maintenance, and operation; in order to keep abreast of the increasing trade of the port, the commission has acquired an extensive plant for all the construction work necessary, including dredging plant, tugs, derricks, and a shop for repairs, all of which are kept in first-class working order.

The following are the chief items of construction for the season: The continuation of the construction of New Victoria pier and Market basin. The continuation of the construction of bulkhead high level wharves on the river front, eastward from Victoria pier. General dredging for widening and deepening of basins and berths. Dredging of channels for the amelioration of St. Marys current. Paving and laying railway tracks on wharves. The continuation to completion of improvements resulting in the floating dock basin and site for the Canadian Vickers' shipbuilding and repair yard. The construction and improvement of harbour facilities such as hoists, flood gates, bridges, subways, and freight yards. Additions and improvements to Harbour Commissioners' construction plant. The completion of a market wharf for Montreal East. The erection of temporary offices for the United States Shipping Board, on Victoria pier. The erection of shed and brick fence at Harbour yard. The erection of offices in shed No. 2. The maintenance of berths and channels, of wharves, sheds, buildings, roadways, water service, cleaning of wharves and general repairs were carried on as usual. The improvement and extension of harbour railway terminals. Temporary sidings were constructed on the new Victoria pier. An industrial siding and trestle for the St. Lawrence sugar refinery. Improvements to track scale at Letourneux ave. An additional siding at the Harbour yard. New railway yard opposite dry dock. Double tracking of section from the dry dock to Racine pier. New yard and sidings at Longue Pointe.

Grain Elevator System.

This includes elevators, conveyor facilities, etc.: it was commenced in 1904 with an elevator having a capacity of 1,000,000 bushels, and in May, 1916, comprised two large elevators having a combined capacity of 6,662,000 bushels.

The operations of the elevators during the season of 1917 were marked by an increase of receipts by cars, whereas in 1916 75 per cent of the grain received at the elevators arrived by car, in 1917, 79 per cent arrived by car, 22,199 cars of grain were received during the season, and 2,159 cars were loaded and shipped out. The total number of bushels of grain handled by the Harbour Commissioners' elevator system during 1917 was 42,831,504, as against 51,548,720 in 1916.

Montreal Harbour as a Shipbuilding Centre.

Montreal harbour as a shipbuilding centre has the following permanent advantages:—

1. It is at the head of ocean navigation and the foot of the St. Lawrence Canal system.
2. It is the Canadian centre of finance and industry.
3. It has a splendid labour market.
4. It possesses manufacturing plants for all auxiliary parts required in shipbuilding and repair work.
5. The connection with the Harbour Commissioners port and railway terminals ensures prompt despatch and economy.

It is not unlikely that eventually shipyards will be established along the banks of the river between the Canadian Vickers plant and Pointe aux Trembles in a manner somewhat similar to the shipyards on the Clyde.

FINANCIAL STATEMENT.

For the year ended December 31, 1917, receipts on revenue account amounted to 1,850,646.93, an increase of $36,773.99 over the previous year.

The cost of operation, and maintenance, interest, etc. was $1,897,393.44, an increase over the previous year of $120,010.77, leaving a debit on revenue account for the year of $46,746.51. The interest charges which amounted to $892,751.85 show an increase of $14,394.28 on new loans due to the continued carrying out of improvement work. There were received from the Dominion Government loans of $295,000 on account of capital expenditure for improvement work, and $235,000 to retire public debentures which matured July 5, 1917.

Disbursements on capital account in 1917 amounted to $422,003.44.

GENERAL.

His Excellency the Duke of Devonshire, Governor General of Canada, made a special visit to Montreal to inspect the port on October 10, a number of gentlemen actively interested in the port of Montreal were invited to accompany the inspection party, besides inspecting the harbour, an hour was spent at the plant of the Canadian Vickers, Limited, Maisonneuve.

On October 30, Lieut.-Col. C. C. Ballantyne, Minister of Marine and Fisheries, accompanied by Mr. Alexander Johnston, Deputy Minister, made an inspection of the harbour, and also of the plant of the Canadian Vickers, Limited.

On November 8, Hon. J. D. Hazen, ex-Minister of Marine and Fisheries, and now Chief Justice of New Brunswick, was the guest of the Harbour Commissioners.

THREE RIVERS HARBOUR COMMISSION.

As compared with 1916 the finances of the Commission show a decided improvement during the year 1917, the revenue from the harbour amounted to $18,029.35, as against $10,783.04 for 1916, an increase of $7,246.31.

Shipyards have been established at Old Windmill point, where two ships each of 1,600 tons are being built and will soon be ready for launching.

The Canada Foundries Company have completed a wharf of 266 feet frontage adjoining their large workshop to permit of the export of their products and the obtaining of raw material by boat.

The Canada Steamship Lines Company placed part of its fleet in winter quarters in the St. Maurice river, and intend establishing workshops and shipyards on the south shore of the river for the construction and repair of boats for their fleet.

The Shawinigan Water and Power Company instead of having the electric transmission cables for their workshops on the south shore of the river and at Tetford Mines, laid in the bed of the harbour as formerly, have built on both shores two towers 375 feet in height for the installation of four cables. One of these towers is built on the north shore of the harbour and the other a few hundred feet distant from it. This will do away with an obstacle to ships anchoring in the harbour.

The wharf at cape Magdalen has been handed over to the Commissioners by the Department of Public Works, as this is within the harbour limits and has a population in its vicinity of about 2,000 souls, it will tend to contribute to the upkeep of the harbour.

In order to include the pulp works of the St. Maurice Paper Company which are at present just outside the harbour limits the Commission recommends that the charter of the harbour of Three Rivers should be amended to comprise within its limits the district of Three Rivers; the Commission further recommends that the Chairman and Commissioners should receive some indemnity for the time taken up in their meetings.

STATEMENT of number and tonnage of steamers and other vessels reported inward and outward of the port of Three Rivers, for the year 1917.

Ocean Traffic—Return of Vessels Inward.			Ocean Traffic—Return of Vessels Outward.		
Nationality.	No.	Tons.	Cleared for	No.	Tons.
British	19	62,634	Inland ports	17	56,468
			Great Britain	2	6,171
Total	19	62,634	Total	19	62,639
United States Traffic.			Inland Traffic.		
Canal boats	253	26,323	Schooners and barges	165	30,835
Sail barges	60	27,604	Tugs and steamboats	700	897,273
Total	313	53,927	Totals	865	928,108

RECAPITULATION.

Ocean traffic	19	62,634
United States traffic	313	53,927
Inland traffic	865	928,108
Grand total	1,197	1,044,674

MERCHANDISE.

Inward.		Outward.	
Soft coal	37,133 tons.	Rails	46,466 tons.
Hard coal	18,070 "	Lumber	26,228,000 feet.
Sulphur	4,599 "	Sand	31,500 tons.
Rosin	249 "	Pulpwood	11,717 cords.
Sand	1,756 "	Paper	3,757 tons.
Bricks	679,000	Laths	1,502,000 pieces.
Lumber	277,000 feet.	Hay	373 tons.
Pulpwood	785 cords.	Coal	45 tons.
Cordwood	409 "		
Hay	156 tons.		
Apples	1,716 bushes.		
Shingles	1,225,000 pieces.		

RECEIPTS AND DISBURSEMENTS FOR YEAR 1917.

Receipts.		Disbursements.	
Tonnage dues	$ 3,205 39	Current expenses	$ 1,467 02
Harbour dues: Inward	4,375 04	Salaries and commission	4,562 80
Harbour dues: Outward	7,198 16	Printing and stationery	150 00
Rent of wharves and moorage	3,050 76	Repairs and general harbour expenses	1,745 60
Commutation	200 00	Travelling expenses	3 50
		Interest on Debentures	9,525 00
Total receipts	$18,029 35	Total expenses on revenue	$17,454 70
Balance on December 31, 1916	580 50	Deposits in bank, and cash on hand, December 31, 1917	1,155 15
	$18,609 85		$18,609 85

PICTOU HARBOUR COMMISSIONERS' REPORT.

STATEMENT of Harbour Dues for the year ending 31st December, 1917:—

Balance on hand December 31, 1916	$100 00
Collections of harbour dues for year 1917	493 88
	$593 88
Disbursements for 1917—	
Paid salary of harbour master	$240 00
Paid harbour commissioners	253 88
Balance on hand	100 00
	$593 88

E. & O. E.

Total tonnage for 1917, 32,925 tons.

Pictou Harbour Commissioners' Account for year ending December 31, 1917:—

1916.					
December	30,	By balance	$1,197 41		
1917.					
December	31,	By harbour dues for year ending December 31, 1917, from Collector of Customs	253 88		
January	29,	To paid Mrs. W. A. Cooke, balance year's salary W. A. Cooke, H. M.	.....	$	40 00
April	19,	" H. B. Ross, secretary, half year	.....		50 00
May	1,	" ss. *Hiawatha* putting out harbour buoys.	.....		30 00
"	8,	" Wm. McLean, bushing channel	.....		12 00
		" E. C. McDonald, bushing E. River	.....		25 00
"	15,	" Jas. Carson & Son	.....		1 75
"	18,	" Gammon & Weir, repairs to wharf—New Glasgow	.....		550 00
June	29,	" Phil. Hall, painting buoys	.....		8 50
November	8,	" E. C. McDonald, balance account	.....		5 00
"	9,	" Repairs to New Glasgow wharf	.....		36 13
"	13,	" Alex. McMillan, work at wharf	.....		61 40
		" Ross Chapman, chain for buoy	.....		4 00
		" ss. *Hiawatha*, taking in buoys	.....		30 00

Pictou Harbour Commissioners' Account for year ending December 31, 1917:—*Con.*

1917.					
December	30,	To paid H. B. Ross, secretary	.....		$ 50 00
	"	Walter Talbot, hire of scow and pile driver	.....		56 00
	"	Wm. McLean, balance of account	.....		6 00
	"	Captain D. McKenzie, replacing bushes, E. River	.....		5 00
	"	J. W. McRoy, solicitor	.....		20 00
		Balance	.....		460 81
			$1,451 29		$1,451 29
		By balance	$460 81		

Pictou, N.S., December 31, 1917.

D. SUTHERLAND, *Chairman.*

REPORT OF BELLEVILLE HARBOUR COMMISSIONERS.

HARBOUR MASTER'S REPORT.

Imports—			
11,677 tons of coal	$1,167 70		
305 " of merchandise	30 50		
		$1,198 20	
Exports—			
1,352 tons of merchandise	$135 20		
764 " of cheese	76 40		
		211 60	
Storage—			
To storage in warehouse		120 00	
		$1,529 80	
Disbursements, sundry expenses		167 20	
Balance		$1,362 60	

1917.				
January	1.	To balance in bank	$ 323 99	
June	14.	To harbour dues	67 70	
July	20.	"	67 30	
August	20.	"	274 60	
September	20.	"	276 20	
October	23.	"	437 30	
November	20.	"	188 00	
December	3.	"	51 50	
			$1,686 59	
March	21.	By auditor's fees		$ 5 00
"	31.	" secretary's salary, 1916		50 00
May	10.	" " " 1917		50 00
October	2.	" interest on debentures		600 00
"	30.	" " on overdraft		0 50
December	31.	" harbour master's salary (13 months)		650 00
		" balance on deposit		331 09
			$1,686 59	$1,686 59

Statement of Sinking Fund to December 31, 1917:—

To credit of sinking fund as per statement of 1916	$7,223 54
December 31, 1917, to interest to date	213 39
	$7,436 93

TORONTO HARBOUR COMMISSION.

The harbour was closed from the 11th December to the 28th March, 107 days in all, two days less than last season; the first vessel to arrive was the *Macassa* from Hamilton on March 30, and the last tug the *Home Rule* on December 16; the arrivals numbered 2,168, 508 less than last year.

Amounts of harbour dues collected during the season were as follows:—

Merchandise,	74,002 tons at 3 cents	$2,220 06
Coal,	148,271 " 3 "	4,448 14
Stone,	8,873⅓ " 5 "	443 66
Fruit,	4,801 " 15 "	720 15
Lumber,	5,000 feet at 3 "	0 15
Horses, vehicles, etc.,	468 at 10 cents	46 80
		$7,878 96

Total amount of harbour dues collected	$7,878 96
" " collected, police court fines	30 00
" " " for storage	416 13
" " " " berthing vessels	1,052 63
	$9,377 72

Can buoys were placed round Lighthouse point on April 24, Long Branch July 27, Exhibition motor boats course August 30, Eastern channel August 1, Inner harbour June 13.

The lights on eastern entrance were lighted on March 30, Western channel on March 31, discontinued Eastern entrance December 25, Western channel December 25.

The vessels wintering at the port were:—

Steam barges	17
" ships	8
" ferries	13
" tugs	22
" yachts	3
Sail	3
Tow barges	11
Total	77

With a gross tonnage of 44,107.

Dredging was carried on during the latter part of the season at the mouths of the city sewers, Elias Rogers coal docks, Imperial Oil Company, Weaver Coal Company, and approach to the corporation yards: owing to the early formation of ice in the harbour dredging operations had to be discontinued at several points.

Life chains were placed for the entire lengths of both the piers in the Western channel.

A storm signal mast was erected at the foot of Yonge street for the display of cautionary signals.

A white range light on the old Queens wharf, built in 1856, was destroyed by fire on September 1.

The schooner *Rapid City* was sunk off Scarboro bluffs on September 1; no loss of life.

The season from April 1 to December 10 (practically the close of navigation) was unusually free from storms on the Great Lakes, especially on lake Ontario, where the force of a gale was only reached on thirteen occasions; the heaviest gale of the season occurred on December 9.

VANCOUVER HARBOUR COMMISSION.

Shipbuilding.

During the past season shipbuilding has been very active, a number of wooden auxiliary schooners having been built, and steel vessels ranging from 4,700 to 8,800 tons. The *Alaska*, a vessel of 8,800 tons, was launched from one of the British Columbian yards last January, and is the first of nine steamers of similar tonnage now being built.

Granville Island.

This industrial area being built on the mud flats in False creek is now nearing completion. Twenty-nine lots have been leased, and the industries already located there include a white lead manufacturing company, machine shops, foundries, and engineering works, and this made ground has proved of great benefit to the business interests of Vancouver.

Government Wharf.

The volume of business dealt with at the government wharf during the months of January, February and March has been most gratifying, and has exceeded expectation; the shed, a structure 676 feet by 78 feet, was found quite inadequate to the demands made upon it, in consequence a new shed 843 feet by 97 feet is now under construction.

During the year the total tonnage of freight passing over the wharf was 65,679; a very extensive trade is at present being carried on in the transhipment of Oriental oils; in order to facilitate the transfer of the oils to tank cars, the commissioners have under consideration a project for installing storage tanks and pumps.

Shipping Returns.

The Customs returns for the year show the classification of shipping inwards and outwards at this port to be as follows:—

			Tonnage.
Foreign	vessels	inwards, 1,449	1,890,873
"	"	outward, 1,369	1,392,141
Coastwise	"	inwards, 9,993	3,549,997
"	"	outward, 10,206	3,806,496

Summarized Statement of operations for year ending March 31, 1918:—

Operating Receipts.		*Operating Expenditures.*	
Wharfage, storage, etc.	$16,156 28	Government wharf expenses	$ 8,400 83
Rentals of water lots	12,965 62	Granville Island	823 84
Harbour dues, Port Wardens' fees, etc.	34,890 71	Terminal Scheme — Preliminary and sundry expenses	1,592 48
Granville Island revenue	12,222 48	Interest on debentures	15,000 00
Crown grants	2,943 80	Administration and miscellaneous expenses	24,940 72
Interest	778 97		
		Total operating expenses	$50,757 87
		Surplus for year from operations	29,199 99
	$79,957 86		$79,957 86

QUEBEC HARBOUR COMMISSION.

Quebec Bridge.

The completion of the Quebec bridge over the St. Lawrence river on the 20th September, 1917, was of the utmost importance to the port of Quebec, as it places Quebec and district in direct communication by rail with the south shore of the St. Lawrence and with the United States, and makes it a distributing centre for a number of railways hitherto confined to the south shore; the docks and shipping facilities at Quebec can now be used to better advantage.

Chief Engineer's Report.

The new frontage on the quay wharf, river St. Charles, has been practically completed, the total frontage in the basin on the north side of the Louise embankment having a depth of 35 feet at low tide, is now 4,250 feet.

A new landing shed, 1,000 feet by 104 feet, on the north face of the Louise embankment will be completed in the early summer of 1918 with 1,000 feet of four-belt dock front grain loading galleries, two feeding two-belt galleries from gain elevator No. 2, and four travelling grain loaders, the contract for another fireproof landing shed 775 feet by 75 feet was awarded last June, the foundations have been completed, and erection of the steel work and installing of machinery will probably be finished during 1918.

A 1,000,000-bushel storage annex to the commissioners' elevator No. 2 has been completed, and a bagging outfit installed in connection with it.

Some 3,400 feet of permanent railway line for serving the north quay front were laid down, and 1,000 feet of track for carrying Gantry cranes.

The dredging consisted chiefly in the grading down to 35 feet at low tide of the basin to the north of the Louise embankment.

All properties of the commission were kept in good repair.

Wharfinger's Report.

The traffic in connection with the St. Charles locks and wharves was: inward, 323 vessels, 661,332 tons register; outward, 92 vessels, 333,859 tons register; lower port steamers, 96.

Damaged vessels using the dock during the season were: ss. *Korana*, collided with ss. *Royal Transport* off pier No. 1, repaired at shed No. 27, and proceeded to sea: the ss. *Royal Transport*, repaired at Levis dry dock and proceeded to Montreal; the ss. *Kelbergen*, in collision with ss. *Heathcote* off Cape Race, repaired at shed No. 27; the steam barge *Albert Y Gowen*, sunk in the basin, floated, and sent to Levis for repairs.

Harbour Master's Report.

Port of Quebec—Record of Shipping Arrivals, 1917:—

	Number of Vessels.	Gross Tonnage.
Coasting vessels from seawards.. .. ..tons.	142	120,983
" " Montreal and lake boats.. "	229	355,496
Ocean steamships—inwards.. .. .. "	152	961,133
" " —outwards from Montreal.. .. "	158	727,262
	681	2,164,874

The unusual large amount of tonnage from Montreal is due to government shipments.

As compared with the season of 1916, when the record was 592 ships—gross tonnage 2,081,198, there is an increase of 89 ships and 83,676 tons.

Revenue and Expenditure.

The revenue of the Quebec Harbour Commission for the calendar year 1917 was $267,812.68, as compared with $282,327.46 for 1916, a decrease of $14,514.78; the expenditure for 1917 was $321,434.76, leaving a deficit on the year's operations of $53,622.08.

APPENDIX No. 14.

PORT WARDENS' REPORTS FOR THE YEAR ENDING DECEMBER 31, 1917.

Returns have been received from sixteen port wardens, nine from Nova Scotia, one from New Brunswick, two from Quebec, and four from British Columbia.

The total amount of fees collected by port wardens was $62,593.85.

A large number of both Canadian and American lake steamers passed out for ocean service before the close of navigation, which was on the 8th of December, 1917; but owing to the severity of the fall weather many lake vessels and overseas trawlers were obliged to winter at Montreal and ports between there and Quebec. The only serious casualty was that of the ss. *Scandinavian,* which struck bottom at Cap à la Roche.

The number of foreign-going steamers which reported at the Montreal Port Warden's office was 510, with total of 1,851,042 tons. The number which reported last year was 558 vessels with total of 1,926,929 tons, a decrease of 48 vessels and 75,887 tons.

Sixty vessels, with total of 44,258 tons, entered from lower ports, and 71 vessels, with a total of 131,736 tons, cleared for lower ports.

The amount of grain shipped was 35,313,955 bushels wheat, 15,062 bushels peas, 2,406,650 bushels barley, 18,126,478 bushels oats, 1,908,220 bushels corn and 344,281 bushels rye.

APPENDIX No. 15.

REPORTS OF SUBSIDIZED WRECKING COMPANIES.

Quebec Salvage and Wrecking Company.

Assistance was rendered to vessels as follows: March 19 to April 20, ss. *Carib* (American) towed from Murray bay to Quebec; April 23 to May 3, ss.*Benin* towed from Cape Gaspé to Montreal; May 15 to May 23, ss. *Cape Corso* towed from Cap Chat to Montreal; June 11 to 22, stood by ss. *Royal Transport* in collision until dry-docked; June 21 to July 9, floated ss. *Clematis* ashore off St. Esprit island, and towed her to Halifax; July 1 to 16, stood by ss. *Singapore*, ashore off Little Metis, until dry-docked at Montreal; July 16 to August 7, unsuccessfully tried to get off Norwegian steamer *Kristianiafjord,* ashore at Fresh Water point off cape Race; August 8 to August 29, towed ss. *Frankmere* off southeast point Bryon island and convoyed her to Halifax; August 29 to September 6, ss. *Ardgair* ashore off Amherst island, brought off and towed to Halifax; November 26, floated American steamer *Warleader* ashore off Grand Trunk wharf, Quebec; November 24 to December 5, supplied American steamer *Edmonton,* undergoing repairs, with two portable boilers.

British Columbia Salvage Company, Limited.

Salvage operations conducted as follows: April 1 to April 23, ss. *Prince Rupert* ashore at Gem island; August 27 to September 8, ss. *Cassiar* ashore at Trivett island; October 21 to 27, ss. *Gray* ashore at Safety cove; November 19 to 27, ss. *Mariposa* ashore at Straits island, Sumner strait; November 28 to December 19, ss. *Spokane* ashore at Idol point; March 10 to March 31, ss. *Admiral Evans* ashore Hawk's inlet, Alaska.

APPENDIX No. 16.

RETURNS OF SHIPPING MASTERS FOR THE YEAR ENDING DECEMBER 31, 1917.

NOTE.—The Collector of Customs acts as shipping master where no other shipping master is appointed.

Province.	Seamen Shipped.	Seamen Discharged.	Amount.
			$ cts.
Quebec	2,971	2,052	2,740 30
New Brunswick	817	332	532 50
Nova Scotia	7,691	6,537	5,977 70
Prince Edward Island	66	44	44 40
British Columbia	5,453	5,180	4,311 50
Total	16,998	14,145	13,606 40

LIST OF VESSELS

LISTE DES NAVIRES

[No. 22—1919.]—A

LIST OF SHIPPING

ISSUED BY THE

DEPARTMENT OF MARINE AND FISHERIES

BEING A

LIST OF VESSELS ON THE REGISTRY BOOKS OF THE DOMINION OF CANADA

ON THE

31st DECEMBER

1918

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
J. DE LABROQUERIE TACHÉ
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1919

LISTE DES NAVIRES

PUBLIEÉ PAR LE

MINISTÈRE DE LA MARINE ET DE PÊCHERIES

OU

LISTE DES NAVIRES INSCRITS SUR LES REGISTRES MARITIMES DU CANADA

AU

31 DÉCEMBRE

1918

IMPRIMÉE PAR ORDRE DU PARLEMENT

OTTAWA
J. DE LABROQUERIE TACHÉ
IMPRIMEUR DE SA TRÈS EXCELLENTE MAJESTÉ LE ROI
1919

To Lt.-Col. the Hon. C. C. BALLANTYNE,

Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith the twenty-eighth List of Shipping issued by this Department.

A. JOHNSTON,
Deputy Minister of Marine and Fisheries.

Department of Marine and Fisheries,
Ottawa, 1918

A l'honorable Lt-Col. C. C. BALLANTYNE,

Ministre de la Marine et des Pêcheries.

MONSIEUR,—J'ai l'honneur de vous soumettre la vingt-huitième liste des navires publiée par ce Département.

A. JOHNSTON,
Sous-ministre de la Marine et des Pêcheries.

Ministre de la Marine et des Pêcheries,
Ottawa, 1918.

RULES OF THE ROAD

FOR

PREVENTING COLLISIONS AT SEA AND ON THE GREAT LAKES

Issued by the Department of Marine and Fisheries, under the provisions of Part XIV of the Canada Shipping Act, Chapter 113, Revised Statutes of Canada, 1906

RÈGLEMENTS

POUR

PRÉVENIR LES ABORDAGES EN MER ET SUR LES GRANDS LACS

Publiés par le ministère de la Marine et des Pêcheries, en vertu des dispositions de la partie XIV de la loi de la marine marchande du Canada, chapitre 113, des Statuts revisés du Canada, 1906

INTERNATIONAL RULES OF THE ROAD

IN FORCE IN ALL NAVIGABLE WATERS WITHIN CANADA OR WITHIN THE JURISDICTION OF THE PARLIAMENT THEREOF, EXCEPT THE WATERS OF LAKES SUPERIOR AND HURON, GEORGIAN BAY, LAKES ERIE AND ONTARIO, THEIR CONNECTING AND TRIBUTARY WATERS, AND THE ST. LAWRENCE RIVER AS FAR EAST AS THE LOWER EXIT OF THE LACHINE CANAL AND THE VICTORIA BRIDGE AT MONTREAL.

ORDERS IN COUNCIL.

AT THE GOVERNMENT HOUSE AT OTTAWA.

TUESDAY, the 9th day of February, 1897.

PRESENT:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

Whereas, by the fourteenth section of the Act intituled "An Act respecting navigation of Canadian Waters", being chapter 79 of the Revised Statutes of Canada, it is enacted, that if Her Majesty, by Order in Council, annuls or modifies any of the regulations for preventing collisions on navigable waters which, by order of Her Majesty in Council of the fourteenth day of August, 1879, were substituted for those theretofore in force for like purposes in the United Kingdom, or makes new regulations in addition thereto, or in substitution therefor, the Governor in Council may from time to time make corresponding changes, as respects Canadian waters, in the regulations contained in the second section of the Act hereinbefore quoted:

And whereas, by an order of Her Majesty in Council, dated the 27th day of November, 1896, the existing regulations for preventing collisions at sea were annulled, and new regulations submitted therefor:

His Excellency, under the provisions of the fourteenth section of the said Act, chapter 79 of the Revised Statutes, and by and with the advice of the Queen's Privy Council for Canada, is pleased to order that the following Rules and Regulations, which are in conformity with the regulations approved by the order of Her Majesty in Council of the 27th of November, 1896, be substituted for the existing second section of the said Act, chapter 79 of the Revised Statutes; and that the said new Rules and Regulations shall come into operation on and from the first day of July, 1897:

And His Excellency doth further order that the Minister of Marine and Fisheries do bring the provisions of the sections thus amended to the notice of the owners and masters of Canadian vessels.

SESSIONAL PAPER No. 22

RÈGLEMENTS INTERNATIONAUX POUR PRÉVENIR LES ABORDAGES

EN VIGUEUR DANS TOUTES LES EAUX NAVIGABLES EN CANADA OU SOUS LA JURIDICTION DU PARLEMENT CANADIEN, SAUF LES EAUX DES LACS SUPÉRIEUR ET HURON, LA BAIE GEORGIENNE, LES LACS ÉRIÉ ET ONTARIO, LEURS EAUX TRIBUTAIRES ET LE FLEUVE SAINT-LAURENT, AUSSI LOIN À L'EST QUE LA SORTIE DU CANAL LACHINE ET LE PONT VICTORIA À MONTRÉAL.

ARRÊTÉS EN CONSEIL.

HÔTEL DU GOUVERNEMENT À OTTAWA.

MARDI, le 9e jour de février 1897.

PRÉSENT :

SON EXCELLENCE LE GOUVERNEUR GÉNÉRAL EN CONSEIL.

Considérant que par le quatorzième article de l'acte, intitulé " Acte concernant la navigation dans les eaux canadiennes ", étant le chapitre 79 des Statuts revisés du Canada, il est statué que si Sa Majesté, suspend ou annule, par un arrêté en conseil, l'opération de certaines dispositions des règles pour prévenir les abordages sur les eaux navigables, qui, par un arrêté de Sa Majesté en conseil portant la date du quatorzième jour d'août 1879, avaient été substituées à celles jusque-là en vigueur au même effet dans le Royaume-Uni, ou établit de nouvelles règles par voie d'addition ou de substitution aux dites règles, le Gouverneur en conseil pourra, au besoin, faire des changements correspondants, relativement aux eaux canadiennes, aux règles contenues dans l'article deux du présent acte.

Et considérant que par un arrêté de Sa Majesté en conseil, en date du 27e jour de novembre 1896, les règlements actuels pour prévenir les abordages en mer ont été annulés, et remplacés par de nouveaux règlements,—

Il plaît à Son Excellence, en vertu des dispositions du quatorzième article du dit acte, chapitre 79 des Statuts revisés, et par et avec l'avis du Conseil privé de la Reine pour le Canada, d'ordonner que les règles et règlements suivants, qui sont en conformité des règlements approuvés par l'arrêté de Sa Majesté en conseil du 27 novembre 1896, soient substitués au présent deuxième article dudit acte, chapitre 79 des Statuts revisés; et que les dits nouveaux règlements et règles deviennent en vigueur à compter du premier jour de juillet 1897;

Et Son Excellence ordonne de plus que le ministre de la Marine et des Pêcheries fasse connaître aux propriétaires et capitaines de vaisseaux canadiens les dispositions de l'article qui sont ainsi modifiées.

REGULATIONS FOR PREVENTING COLLISIONS AND FOR DISTRESS SIGNALS.

The following rules with respect to lights for signals, distress signals, steering and sailing, and rafts, shall apply to all rivers, lakes and other navigable waters within Canada, or within the jurisdiction of the Parliament thereof, that is to say:—

Preliminary.

In the following rules every steam vessel which is under sail and not under steam is to be considered a sailing vessel, and every vessel under steam, whether under sail or not, is to be considered a steam vessel.

The word "steam vessel" shall include any vessel propelled by machinery.

A vessel is "under way" within the meaning of these rules, when she is not at anchor, or made fast to the shore or aground.

Rules concerning lights, etc.

The word "visible" in these rules, when applied to lights, shall mean visible on a dark night with clear atmosphere.

ARTICLE 1. The rules concerning lights shall be complied with in all weathers from sunset to sunrise, and during such time no other lights which may be mistaken for the prescribed lights shall be exhibited.

ARTICLE 2. A Steam vessel when under way shall carry:—

(*a*) On or in front of the foremast, or if a vessel without a foremast, then in the forepart of the vessel, at a height above the hull of not less than 20 feet, and if the breadth of the vessel exceeds 20 feet, then at a height above the hull not less than such breadth, so, however, that the light need not be carried at a greater height above the hull than 40 feet, a bright white light, so constructed as to show an unbroken light over an arc of the horizon of 20 points of the compass, so fixed as to throw the light 10 points on each side of the vessel, viz., from right ahead to 2 points abaft the beam on either side, and of such a character as to be visible at a distance of at least 5 miles.

(*b*) On the starboard side a green light, so constructed as to show an unbroken light over an arc of the horizon of 10 points of the compass, so fixed as to throw the light from right ahead to 2 points abaft the beam on the starboard side, and of such a character as to be visible at a distance of at least 2 miles.

(*c*) On the port side, a red light so constructed as to show an unbroken light over an arc of the horizon of 10 points of the compass, so fixed as to throw the light from right ahead to 2 points abaft the beam on the port side, and of such a character as to be visible at a distance of at least 2 miles.

(*d*) The said green and red side lights shall be fitted with inboard screens projecting at least 3 feet forward from the light, so as to prevent these lights from being seen across the bow.

(*e*) A steam vessel when under way may carry an additional white light similar in construction to the light mentioned in subdivision (*a*). These two lights shall be so placed in line with the keel that one shall be at least 15 feet higher than the other, and in such a position with reference to each other that the lower light shall be forward of the upper one. The vertical distance between these lights shall be less than the horizontal distance.

ARTICLE 3. A steam vessel when towing another vessel shall, in addition to her side-lights, carry two bright white lights in a vertical line one over the other, not less

SESSIONAL PAPER No. 22

RÈGLEMENTS POUR PRÉVENIR LES ABORDAGES ET CONCERNANT LES SIGNAUX DE DÉTRESSE.

Les règlements suivants concernant les feux, les signaux en temps de brume, les signaux de détresse, la route à tenir, et les trains de bois, s'appliqueront à tous les fleuves, rivières, lacs et autres eaux navigables du Canada, ou tombant sous la juridiction de son parlement, savoir:—

Disposition préliminaire.

Dans les règles qui suivent, tout navire à vapeur, qui ne marche qu'à l'aide de ses voiles est considéré comme un navire à voiles; et tout navire à vapeur dont la machine est en action est considéré comme navire à vapeur, qu'il se serve de ses voiles ou ne s'en serve pas.

L'expression "navire à vapeur" comprend tout navire mû par des machines.

Un navire est en "marche" dans le sens des présents règlements, lorsqu'il n'est pas à l'ancre, ou amarré au rivage ou échoué.

Règle concernant les feux, etc.

L'expression "visible" employée dans les présents règlements, au sujet des feux, signifie visible par une nuit sombre, mais sans brume.

ARTICLE 1. Les règlements concernant les feux seront suivis par tous les temps entre le coucher et le lever du soleil, et durant ce temps il ne sera exhibé aucun autre feu qui pourrait être pris par erreur pour un feu réglementaire.

ARTICLE 2. Un navire à vapeur, lorsqu'il est en marche, portera les feux suivants:—

(*a*) Sur ou en avant du mât de misaine, ou si c'est un navire sans mât de misaine, alors à l'avant du navire, à une hauteur de pas moins de 20 pieds au-dessus de la coque, et si le navire a plus de 20 pieds de largeur, alors à une hauteur au-dessus de la coque au moins égale à cette largeur, de façon toutefois qu'il ne soit pas besoin de porter le feu à plus de 40 pieds au-dessus de la coque, un feu blanc placé de manière à fournir un rayonnement uniforme et non interrompu dans tout le parcours d'un arc horizontal de 20 quarts de compas,—établi de façon à projeter la lumière de 10 quarts de chaque côté du navire, c'est-à-dire, depuis l'avant jusqu'à 2 quarts en arrière du travers de chaque bord, et d'une portée telle qu'il puisse être visible à 5 milles au moins de distance;

(*b*) A tribord, un feu vert, établi de façon à projeter une lumière uniforme et non interrompue sur un arc horizontal de 10 quarts de compas,—placé de manière à projeter la lumière depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord, et d'une portée telle qu'il puisse être visible à deux milles au moins de distance;

(*c*) A bâbord, un feu rouge établi de façon à projeter une lumière uniforme et non interrompue sur un arc horizontal de 10 quarts de compas,—placé de manière à projeter la lumière depuis l'avant jusqu'à 2 quarts sur l'arrière du travers à bâbord, et d'une portée telle qu'il puisse être visible à 2 milles au moins de distance;

(*d*) Ces feux de côté vert et rouge doivent être munis, en dedans du bord, d'écrans dirigés de l'arrière à l'avant et s'étendant à 3 pieds au moins en avant de la lumière, afin que le feu vert ne puisse pas être aperçu de bâbord avant, et le feu rouge de tribord avant;

(*e*) Un navire à vapeur lorsqu'il est en marche peut porter un feu blanc supplémentaire semblable dans la forme au feu mentionné dans la subdivision (*a*). Ces deux feux seront placés en ligne avec la quille de telle façon qu'un feu sera au moins 15 pieds plus haut que l'autre, et dans une position telle relativement l'un à l'autre que le feu d'en bas soit en avant de celui d'en haut. La distance verticale entre ces deux feux sera moindre que la distance horizontale.

ARTICLE 3. Un navire à vapeur, lorsqu'il remorque un autre navire, doit, indépendamment de ses feux de côté, porter deux feux blancs placés verticalement l'un au-

than 6 feet apart, and when towing more than one vessel shall carry an additional bright white light 6 feet above or below such lights, if the length of the tow, measuring from the stern of the towing vessel to the stern of the last vessel towed, exceeds 600 feet. Each of these lights shall be of the same construction and character, and shall be carried in the same position as the white light mentioned in article 2 (*a*), except the additional light, which may be carried at a height of not less than 14 feet above the hull.

Such steam vessel may carry a small white light abaft the funnel or aftermast for the vessel towed to steer by, but such light shall not be visible forward of the beam.

Article 4. (*a*) A vessel which from any accident is not under command shall carry at the same height as the white light mentioned in article 2 (*a*), where they can best be seen, and, if a steam vessel, in lieu of that light, two red lights, in a vertical line one over the other, not less than 6 feet apart, and of such a character as to be visible all round the horizon at a distance of at least 2 miles; and shall by day carry in a vertical line one over the other, not less than 6 feet apart, where they can best be seen, two black balls or shapes each 2 feet in diameter.

(*b*) A vessel employed in laying or in picking up a telegraph cable shall carry in the same position as the white light mentioned in article 2 (*a*), and if a steam vessel, in lieu of that light, three lights in a vertical line one over the other, not less than 6 feet apart. The highest and lowest of these lights shall be red, and the middle light shall be white, and they shall be of such a character as to be visible all round the horizon, at a distance of at least 2 miles. By day she shall carry in a vertical line one over the other, not less than 6 feet apart, where they can best be seen, three shapes not less than 2 feet in diameter, of which the highest and lowest shall be globular in shape and red in colour, and the middle one diamond in shape and white.

(*c*) The vessel referred to in this article when not making way through the water, shall not carry side-lights, but when making way shall carry them.

(*d*) The lights and shapes required to be shown by this article are to be taken by other vessels as signals that the vessel showing them is not under command, and cannot therefore get out of the way.

These signals are not signals of vessels in distress and requiring assistance. Such signals are contained in article 31.

Article 5. A sailing vessel under way, and any vessel being towed, shall carry the same lights as are prescribed by article 2 for a steam vessel under way, with the exception of the white lights mentioned therein, which they shall never carry.

Article 6. Whenever, as in the case of small vessels under way during bad weather, the green and red side-lights cannot be fixed, these lights shall be kept at hand lighted and ready for use; and shall, on the approach of or to other vessels, be exhibited on their respective sides in sufficient time to prevent collision in such manner as to make them most visible, and so that the green light shall not be seen on the port side nor the red light on the starboard side, nor, if practicable, more than 2 points abaft the beam on their respective sides.

To make the use of these portable lights more certain and easy, the lanterns containing them shall each be painted outside with the colour of the light they respectively contain, and shall be provided with proper screens.

Article 7. Steam vessels of less than 40, and vessels under oars or sails of less than 20, tons gross tonnage, respectively, and rowing boats, when under way, shall not be obliged to carry the lights mentioned in article 2 (*a*), (*b*) and (*c*), but if they do not carry them, they shall be provided with the following lights:—

1. Steam vessels of less than 40 tons shall carry:

dessus de l'autre, à pas moins de 6 pieds de distance, et lorsqu'il remorque plus d'un navire il portera un feu brillant supplémentaire placé 6 pieds au-dessus ou au-dessous desdits feux, si la longueur de la remorque mesurée depuis l'arrière du remorqueur jusqu'à l'arrière du dernier navire remorqué excède 600 pieds. Chacun de ces feux doit être de la même construction et de la même portée et placé dans la même position que le feu blanc mentionné à l'article 2 (*a*), sauf le feu supplémentaire qui peut être porté à une hauteur d'au moins 14 pieds au-dessus de la coque.

Ce navire à vapeur peut porter un petit feu blanc en arrière de la cheminée ou de l'arrière-mât pour servir de guide au navire remorqué, mais ce feu ne doit pas être visible en avant du bau.

Article 4 (*a*). Un navire qui, à raison de quelque accident, n'obéit pas à la manœuvre, portera à la même hauteur que le feu blanc mentionné à l'article 2 (*a*), à l'endroit le plus visible, et, si c'est un navire à vapeur, au lieu de ce feu, deux feux rouges placés verticalement l'un au-dessus de l'autre à pas moins de 6 pieds de distance, et d'une nature à pouvoir être visibles tout autour de l'horizon à une distance d'au moins 2 milles; et durant le jour il portera placées verticalement l'une au-dessus de l'autre à 6 pieds au moins de distance, là où elles seront le plus visibles, deux boules ou formes noires de 2 pieds de diamètre chacune.

(*b*) Un navire employé à poser ou relever un câble télégraphique, portera, dans la même position que le feu blanc mentionné à l'article 2 (*a*), et si c'est un navire à vapeur, à la place de ce feu, trois feux placés verticalement l'un au-dessus de l'autre. Le plus haut et le plus bas de ces feux seront rouges, et celui du milieu sera blanc, et ils seront d'une nature telle à pouvoir être visibles tout autour de l'horizon, à une distance d'au moins deux milles. Le jour il portera sur une ligne verticale et l'une au-dessus de l'autre là où elles seront le plus visibles, trois formes d'au moins 2 pieds de diamètre, dont la plus haute et la plus basse seront rondes et de couleur rouge, et celle du milieu en forme de losange et blanche.

(*c*) Le navire ci-dessus, lorsqu'il est stationnaire, ne portera pas de feux de côté, mais lorsqu'il sera en marche il devra les porter.

(*d*) Ces feux et boules mentionnés au présent article seront regardés par les autres navires comme étant un sigal que le navire qui les porte n'obéit plus à la manœuvre, et ne peut, par conséquent, s'écarter de leur route.

Ces signaux ne sont pas des signaux de navires en détresse et ayant besoin de secours. De tels signaux sont contenus à l'article 31.

Article 5. Un navire à voiles en marche, et tout navire à la remorque, doit porter les mêmes feux que ceux prescrits par l'article 2 pour les navires à vapeur en marche, à l'exception des feux blancs, dont il ne doit jamais faire usage.

Article 6. Lorsqu'un bâtiment à voiles est d'assez faibles dimensions pour que ses feux vert et rouge ne puissent pas être fixés d'une manière permanente, par un mauvais temps, ces feux doivent néanmoins être tenus allumés sur le pont à leurs bords respectifs, et prêts à servir; et ils seront montrés à tout navire dont il s'approchera ou qui s'en approchera, chacun de leur côté, assez à temps pour prévenir l'abordage, de manière qu'ils soient autant en vue que possible, et présentés de telle sorte que le feu vert ne puisse être aperçu du côté de bâbord, ni le feu rouge du côté de tribord, ni, si la chose est praticable, à plus de deux quarts en arrière du travers de leurs bords respectifs.

Pour rendre ces prescriptions d'une application plus certaine et plus facile, les fanaux seront peints extérieurement de la couleur du feu qu'ils contiennent, et doivent être pourvus d'écrans convenables.

Article 7. Les navires à vapeur de moins de 40 tonneaux, et les vaisseaux à rames ou à voiles de moins de 20 tonneaux de tonnage brut, respectivement, et les chaloupes à rames, en marche, ne seront pas obligés de porter les feux mentionnés à l'article 2 (*a*), (*b*) et (*c*), mais s'ils ne les portent pas, il seront munis des feux suivants:—

1. Les navires à vapeur jaugeant moins de 40 tonneaux porteront—

(*a*) In the forepart of the vessel, or on or in front of the funnel, where it can best be seen, and at a height above the gunwale of not less than 9 feet, a bright white light constructed and fixed as prescribed in article 2 (*a*), and of such a character as to be visible at a distance of at least 2 miles.

(*b*) Green and red side-lights constructed and fixed as prescribed in article 2 (*b*) and (*c*), and of such a character as to be visible at a distance of at least one mile, or a combined lantern showing a green light and a red light from right head to 2 points abaft the beam on their respective sides. Such lantern shall be carried not less than 3 feet below the white light.

2. Small steamboats, such as are carried by sea-going vessels, may carry the white light at a less height than 9 feet above the gunwale, but it shall be carried above the combined lantern, mentioned in subdivision 1 (*b*).

3. Vessels under oars or sails, of less than 20 tons, shall have ready at hand a lantern with a green glass on one side and a red glass on the other, which, on the approach of or to the other vessels, shall be exhibited in sufficient time to prevent collision, so that the green light shall not be seen on the port side nor the red light on the starboard side.

4. Rowing boats, whether under oars or sail, shall have ready at hand a lantern showing a white light, which shall be temporarily exhibited in sufficient time to prevent collision.

The vessels referred to in this article shall not be obliged to carry the lights prescribed by article 4 (*a*) and article 11, last paragraph.

ARTICLE 8. Pilot vessels, when engaged on their station on pilotage duty, shall not show the lights required for other vessels, but shall carry a white light at the masthead, visible all round the horizon, and shall also exhibit a flare-up light or flare-up lights at short intervals, which shall never exceed 15 minutes. On the near approach of or to other vessels they shall have their side-lights lighted, ready for use, and shall flash or show them at short intervals, to indicate the direction in which they are heading, but the green light shall not be shown on the port side, nor the red light on the starboard side.

A pilot vessel of such a class as to be obliged to go alongside of a vessel to put a pilot on board, may show a white light instead of carrying it at the masthead, and may, instead of the coloured lights above mentioned, have at hand ready for use a lantern with a green glass on the one side and a red glass on the other, to be used as prescribed above.

Pilot vessels, when not engaged on their station on pilotage duty, shall carry lights similar to those of other vessels of their tonnage.

ARTICLE 9.[1]

ARTICLE 10. A vessel which is being overtaken by another shall show from her stern to such last-mentioned vessel a white light or a flare-up light.

The white light required to be shown by this article may be fixed and carried in a lantern, but in such case the lantern shall be so constructed, fitted and screened that it shall throw an unbroken light over an arc of the horizon of 12 points of the compass, viz., for 6 points from right aft on each side of the vessel so as to be visible at a distance of at least one mile. Such light shall be carried as nearly as practicable on the same level as the side-lights.

ARTICLE 11. A vessel under 150 feet in length, when at anchor, shall carry forward where it can best be seen, but at a height not exceeding 20 feet above the hull, a white light in a lantern so constructed as to show a clear, uniform, and unbroken light visible all round the horizon at a distance of at least one mile.

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[1]Amended by Order in Council of June 28, 1909, (see p. 18).

(*a*) A l'avant du navire, ou sur ou en avant de la cheminée, à l'endroit où il sera le plus en vue, et à une hauteur au-dessus du plat-bord d'au moins 9 pieds, un feu brillant blanc construit et fixé tel que prescrit à l'article 2 (*a*), et de nature à être visible d'une distance d'au moins 2 milles.

(*b*) Des feux de côté vert et rouge tels que prescrits à l'article 2 (*b*) et (*c*), et de nature à être visibles à une distance d'au moins 1 mille, ou un fanal combiné exhibant un feu vert et un feu rouge depuis l'avant jusqu'à deux quarts en arrière du travers de leurs bords respectifs. Ce fanal sera porté à au moins 3 pieds plus bas que le feu blanc.

2. Les petites chaloupes à vapeur que portent les navires de long cours pourront porter le feu blanc à une moindre hauteur que 9 pieds au-dessus du plat-bord, mais il sera porté au-dessus du fanal combiné mentionné au paragraphe 1 (*b*).

3. Les bâtiments à rames ou à voiles, jaugeant moins de 20 tonneaux tiendront toujours prêt un fanal ayant d'un côté un verre de couleur verte, et de l'autre côté un verre de couleur rouge, et à l'approche d'un autre bâtiment ce fanal sera montré en temps opportun pour prévenir l'abordage, en ayant soin que le feu vert ne puisse être aperçu de bâbord, ni le feu rouge de tribord.

4. Les chaloupes à rames, qu'elles marchent à la rame ou à la voile, tiendront toujours prêt un fanal montrant un feu blanc qui sera temporairement exhibé en temps suffisant pour prévenir l'abordage.

Les vaisseaux mentionnés dans le présent article ne seront pas obligés de porter les feux prescrits par l'article 4 (*a*) et l'article 11, dernier paragraphe.

ARTICLE 8. Les bateaux-pilotes, lorsqu'ils sont occupés au service du pilotage dans leurs circonscriptions, ne porteront pas les mêmes feux que ceux exigés pour les autres bâtiments, mais ils porteront en tête du mât un feu blanc visible de tous les points de l'horizon, et montreront de plus un feu ou des feux intermittents à de courts intervalles qui ne devront pas être de plus de 15 minutes. A l'approche ou en approchant de tout navire, ils allumeront leurs feux de côtés, prêts à servir, et les exhiberont à de courts intervalles, pour indiquer la direction dans laquelle ils marchent, mais le feu vert ne sera pas montré du côté de bâbord, ni le feu rouge du côté de tribord.

Un bateau-pilote d'une classe qui l'oblige de se rendre le long d'un navire pour mettre un pilote à bord, peut montrer un feu blanc au lieu de le porter en tête du mât, et peut, au lieu des feux de couleur mentionnés ci-dessus, tenir toujours prêt à servir, un fanal ayant un verre vert d'un côté et un verre rouge de l'autre, pour être employé tel que prescrit ci-dessus.

Les bateaux-pilotes qui ne seront pas occupés au service de pilotage dans leurs circonscriptions, porteront des feux semblables à ceux des autres navires de leur tonnage.

ARTICLE 9. (1).

ARTICLE 10. Lorsqu'un navire est prêt d'être atteint par un autre, il doit de sa poupe montrer à ce dernier un feu blanc ou un feu intermittent.

Le feu blanc que le présent article exige de montrer peut être fixé et porté dans un fanal, mais dans ce cas, le fanal sera construit, agencé et muni d'écrans de façon à projeter une lumière non interrompue sur un arc horizontal de 12 quarts de compas, savoir: pour 6 quarts depuis l'avant de chaque côté du vaisseau, et d'une portée telle qu'il puisse être visible à une distance d'au moins un mille. Ce feu sera porté autant que possible sur le même niveau que les feux de côté.

ARTICLE 11. Un navire de moins de 150 pieds de longueur, lorsqu'il est à l'ancre, portera à l'avant, à l'endroit le plus en vue, mais à une hauteur n'excédant pas 20 pieds au-dessus de la coque, un feu blanc dans un fanal construit de façon à projeter une lumière claire, uniforme et non interrompue visible de tous les points de l'horizon à une distance d'au moins 1 mille.

(1) Amendé par Arrêté en Conseil du 28 juin 1909.

A vessel of 150 feet or upwards in length, when at anchor, shall carry in the forward part of the vessel, at a height of not less than 20 and not exceeding 40 feet above the hull, one such light, and at or near the stern of the vessel, and at such a height that it shall be not less than 15 feet lower than the forward light, another such light.

The length of a vessel shall be deemed to be the length appearing in her certificate of registry.

A vessel aground in or near a fairway shall carry the above light or lights, and the two red lights prescribed by article 4 (*a*).

ARTICLE 12. Every vessel may, if necessary in order to attract attention, in addition to the lights which she is by these rules required to carry, show a flare-up light or use any detonating signal that cannot be mistaken for a distress signal.

ARTICLE 13. Nothing in these rules shall interfere with the operation of any special rules made by the Government of any nation with respect to additional station and signal lights for two or more ships of war or for vessels sailing under convoy, or with the exhibition of recognition signals adopted by ship-owners, which have been authorized by their respective governments and duly registered and published.

ARTICLE 14. A steam vessel proceeding under sail only, but having her funnel up, shall carry in daytime forward, where it can best be seen, one black ball or shape 2 feet in diameter.

Sound signals for fog, etc.

ARTICLE 15. All signals prescribed by this article for vessels under way shall be given:

1. By "steam vessels," on the whistle or siren.

2. By "sailing vessels and vessels towed," on the fog horn.

The words "prolonged blast" used in this article shall mean a blast of from 4 to 6 seconds' duration.

A steam vessel shall be provided with an efficient whistle or siren, sounded by steam or some substitute for steam, so placed that the sound may not be intercepted by any obstruction, and with an efficient fog horn, to be sounded by mechanical means, and also with an efficient bell.* A sailing vessel of 20 tons gross tonnage or upwards shall be provided with a similar fog horn and bell. In fog, mist, falling snow, or heavy rainstorms, whether by day or night, the signals described in this article shall be used as follows, viz.:—

(*a*) A steam vessel having way upon her, shall sound, at intervals of not more than 2 minutes, a prolonged blast.

(*b*) A steam vessel under way, but stopped and having no way upon her, shall sound at intervals of not more than 2 minutes, two prolonged blasts, with an interval of about one second between them.

(*c*) A sailing vessel under way shall sound, at intervals of not more than one minute, when on the starboard tack one blast, when on the port tack two blasts in succession, and when with the wind abaft the beam three blasts in succession.

(*d*) A vessel when at anchor, shall, at intervals of not more than one minute, ring the bell rapidly for about 5 seconds.

(*e*) A vessel, when towing, a vessel employed in laying or in picking up a telegraph cable, and a vessel under way, which is unable to get out of the way of an approaching vessel through being not under command, or unable to manœuvre as required by these

* In all cases where the Rules require a bell to be used a drum may be substituted on board Turkish vessels, or a gong where such articles are used on board small sea-going vessels.

Un navire de 150 pieds ou plus de longueur, lorsqu'il est à l'ancre, portera à l'avant, à une hauteur d'au moins 20 et ne dépassant pas 40 pieds au-dessus de la coque, un semblable feu; et à la poupe ou près de la poupe, et à une hauteur qui ne sera pas moins que 15 pieds plus bas que le feu d'avant, un autre feu semblable.

La longueur du navire sera censée être celle indiquée sur son certificat d'enregistrement.

Un navire échoué dans ou près d'une passe, portera le feu ou les feux ci-dessus, et les deux feux rouges prescrits par l'article 4 (*a*).

Article 12. Chaque navire peut, si c'est nécessaire, pour attirer l'attention, en sus des feux que les présents règlements l'obligent de porter, montrer un feu intermittent, ou employer tout signal résonnant qui ne peut être pris erronément pour un signal de détresse.

Article 13. Rien de contenu dans les présents règlements n'interviendra dans l'opération de toutes règles spéciales établies par le gouvernement d'une nation quelconque au sujet de feux supplémentaires de station et de signal pour deux navires de guerre ou plus, ou pour des vaisseaux à voiles naviguant de conserve, ou dans les signaux particuliers adoptés par les propriétaires de navires et qui sont autorisés par leurs gouvernements respectifs et dûment enregistrés et publiés.

Article 14. Un navire à vapeur marchant à la voile seulement, mais ayant sa cheminée debout, portera à l'avant, pendant le jour, à l'endroit le plus en vue, une boule ou forme noire de 2 pieds de diamètre.

Signaux phoniques pour temps de brume, etc.

Article 15. Tous les signaux prescrits par le présent article pour les navires en marche, seront donnés—

1. Par les "navires à vapeur" par le sifflet ou la sirène;
2. Par les "navires à voiles et les navires remorqués" par le cornet de brume.

Les mots "coup prolongé" employés dans le présent article signifient un coup de 4 à 6 secondes.

Un navire à vapeur doit être pourvu d'un sifflet à vapeur ou de quelque autre moyen efficace de faire entendre un signal produit par la vapeur ou quelque substitut à la vapeur, lequel sera placé de manière à ce que le son ne puisse être intercepté par aucune obstruction et d'un cor de brume actionné par un appareil mécanique, et aussi d'une forte cloche; un navire à voiles d'un tonnage brut de 20 tonneaux ou plus doit être pourvu d'un fort cornet actionné par un soufflet ou autre appareil mécanique, et aussi d'une forte cloche; en temps de brume, de brouillard ou de neige, soit de jour, soit de nuit, les navires feront usage des signaux décrits dans le présent article, comme suit, savoir:—

(*a*) Un navire à vapeur en marche donnera, à des intervalles de pas plus de 2 minutes, un coup prolongé;

(*b*) Un navire à vapeur en marche, mais arrêté et sans mouvement, sonnera à des intervalles de deux minutes au plus, 2 coups prolongés, avec un intervalle d'environ une seconde entre chacun;

(*c*) Un navire à voiles en marche donnera, au moyen de son cornet, à des intervalles de pas plus d'une minute, s'il est amuré sur tribord, un coup, s'il est amuré sur bâbord, deux coups de suite, et s'il est vent arrière, trois coups de suite;

(*d*) Un navire à l'ancre, à des intervalles de pas plus d'une minute, sonnera rapidement la cloche pendant à peu près cinq secondes.

(*e*) Un navire qui en remorque un autre employé à poser ou relever un câble télégraphique, et un navire en marche, qui est incapable de s'écarter du chemin d'un navire qui approche parce qu'il n'obéit pas à la manœuvre, ou qu'il est incapable de manœuvrer tel que requis par les présents règlements, sonnera, au lieu des signaux

rules shall, instead of the signals prescribed in subdivisions (*a*) and (*c*) of this article, at intervals of not more than 2 minutes, sound three blasts in succession, viz.: one prolonged blast, followed by two short blasts. A vessel towed may give this signal and she shall not give any other.

Sailing vessels and boats of less than 20 tons gross tonnage shall not be obliged to give the above mentioned signals, but if they do not, they shall make some other efficient sound-signal at intervals of not more than one minute.

Speed of ships to be moderate in fog, etc.

ARTICLE 16. Every vessel shall, in a fog, mist, falling snow, or heavy rainstorms, go at moderate speed, having careful regard to the existing circumstances and conditions.

A steam vessel hearing, apparently forward of her beam, the fog-signal of a vessel the position of which is not ascertained, shall, so far as the circumstances of the case admit, stop her engines, and then navigate with caution until danger of collision is over.

STEERING AND SAILING RULES.

Preliminary—Risk of collision.

Risk of collision can, when circumstances permit, be ascertained by carefully watching the compass bearing of an approaching vessel. If the bearing does not appreciably change, such risk shall be deemed to exist.

ARTICLE 17. When two sailing vessels are approaching one another so as to involve risk of collision, one of them shall keep out of the way of the other, as follows, viz.:—

(*a*) A vessel which is running free shall keep out of the way of a vessel which is close hauled.

(*b*) A vessel which is close hauled on the port tack shall keep out of the way of a vessel which is close hauled on the starboard tack.

(*c*) When both are running free, with the wind on different sides, the vessel which has the wind on the port side shall keep out of the way of the other.

(*d*) When both are running free, with the wind on the same side, the vessel which is to the windward shall keep out of the way of the vessel which is to leeward.

(*e*) A vessel which has the wind aft shall keep out of the way of the other vessel.

ARTICLE 18. When two steam vessels are meeting end on, or nearly end on, so as to involve risks of collision, each shall alter her course to starboard so that each may pass on the port side of the other.

This article only applies to cases where vessels are meeting end on, or nearly end on, in such a manner as to involve risk of collision, and does not apply to two vessels which must, if both keep on their respective courses, pass clear of each other.

The only cases to which it does apply are when each of the two vessels is end on, or nearly end on, to the other; in other words, to cases in which, by day, each vessel sees the masts of the other in a line, or nearly in a line, with her own; and, by night, to cases in which each vessel is in such a position as to see both the side-lights of the other.

It does not apply, by day, to cases in which a vessel sees another ahead crossing her own course; or by night, to cases where the red light of one vessel is opposed to the red light of the other, or where the green light of one vessel is opposed to the green

NOTE.—When, in consequence of thick weather or other causes, such vessel finds herself so close that collision cannot be avoided by the action of the giving-way vessel alone, she also shall take such action as will best aid to avert collision.

(*See* articles 27 and 29.)

prescrits dans les subdivisions (*a*) et (*c*) du présent article, à des intervalles de pas plus de 2 minutes, sonnera trois coups successifs, savoir: un coup prolongé suivi de deux coups brefs. Un navire remorqué peut donner ce signal et n'en donnera pas d'autre.

Les navires à voiles et les bateaux jaugeant moins que 20 tonneaux de tonnage brut, ne seront pas obligés de donner les signaux ci-dessus mentionnés, mais s'ils ne le font pas, ils donneront quelque autre signal sonore à des intervalles de pas plus d'une minute.

En temps de brume la vitesse des navires sera modérée, etc.

ARTICLE 16. Tout navire doit, en temps de brume, de brouillard, de neige, ou de pluie, aller à une vitesse modérée, tenant compte des circonstances et conditions du moment.

Un navire à vapeur qui entend, apparemment en avant de son travers, le signal de brume d'un vaisseau dont la position est incertaine, doit, selon les circonstances, arrêter ses machines, et ensuite naviguer avec prudence jusqu'à ce que tout danger d'abordage soit passé.

RÈGLES DE NAVIGATION POUR PRÉVENIR LES ABORDAGES.

Notions préliminaires—Risques d'abordage.

On peut s'assurer des risques d'abordage, lorsque les circonstances le permettent, en guettant soigneusement l'orientation d'un navire qui approche. Si l'orientation ne change pas sensiblement, ce risque est censé exister.

ARTICLE 17. Lorsque deux navires à voiles s'approchent l'un de l'autre de manière qu'il y ait risque d'abordage, l'un d'eux doit s'écarter du chemin de l'autre comme il suit, savoir:—

(*a*) Celui qui a du largue doit s'écarter de la route du navire naviguant au plus près.

(*b*) Celui qui est au plus près et a les amures à bâbord, doit s'écarter de la route du navire au plus près dont les amures sont à tribord.

(*c*) Si tous deux courent largue et ont le vent de côtés différents celui qui a le vent à bâbord doit s'écarter de la route de l'autre;

(*d*) Si tous deux courent largue et ont le vent du même bord, celui qui est au vent doit se tenir hors de la route de celui qui est sous le vent;

(*e*) Celui qui est vent arrière doit s'écarter de la route de l'autre navire.

ARTICLE 18. Si deux navires sous vapeur se rencontrent courant l'un vers l'autre, directement ou à peu près, et qu'il y ait risque d'abordage, tous deux doivent venir sur tribord pour passer à bâbord l'un de l'autre.

Cet article ne s'applique que dans les cas où les navires courent l'un vers l'autre, directement ou à peu près, et où il y a risque d'abordage, mais ne s'applique pas à deux navires qui doivent, en conservant chacun leur allure, s'éviter l'un l'autre;

Les seuls cas auxquels il s'applique sont lorsque chacun des deux navires court vers l'autre, directement ou à peu près, ou, en d'autres termes, lorsque, de jour, chaque navire voit les mâts de l'autre en ligne droite, ou à peu près, avec les siens propres; et, de nuit, lorsque chaque navire est dans une position telle qu'il peut voir les deux feux de côté de l'autre;

Il ne s'applique pas lorsque, de jour, un navire en voit un autre croiser sa route en avant, ou, de nuit, lorsque le feu rouge d'un navire est opposé au feu rouge de

NOTE.—Si, en raison de gros temps ou autres causes, ce navire se trouve tellement rapproché que l'abordage ne peut être évité par la seule action du navire qui cède la route, alors il agira de la meilleure manière possible pour éviter l'abordage.

(*Voir* articles 27 et 29.)

light of the other, or where a red light without a green light, or a green light without a red light is seen ahead, or where both green and red lights are seen anywhere but ahead.

ARTICLE 19. When two steam vessels are crossing so as to involve risk of collision, the vessel which has the other on her own starboard side shall keep out of the way of the other.

ARTICLE 20. When a steam vessel and a sailing vessel are proceeding in such directions as to involve risk of collision, the steam vessel shall keep out of the way of the sailing vessel.

ARTICLE 21. Where by any of these rules one or two vessels is to keep out of the way, the other shall keep her course and speed.

ARTICLE 22. Every vessel which is directed by these rules to keep out of the way of another vessel shall, if the circumstances of the case admit, avoid crossing ahead of the other.

ARTICLE 23. Every steam vessel which is directed by these rules to keep out of the way of another vessel shall, on approaching her, if necessary, slacken her speed or stop or reverse.

ARTICLE 24. Notwithstanding anything, contained in these rules, every vessel, overtaking any other, shall keep out of the way of the overtaken vessel.

Every vessel coming up with another vessel from any direction more than 2 points abaft her beam, i.e., in such a position, in reference to the vessel which she is overtaking, that at night she would be unable to see either of that vessel's side-lights, shall be deemed to be an overtaking vessel; and no subsequent alteration of the bearing between the two vessels shall make the overtaking vessel a crossing vessel within the meaning of these rules, or relieve her of the duty of keeping clear of the overtaken vessel until she is finally past and clear.

As by day the overtaking vessel cannot always know with certainty whether she is forward of or abaft this direction from the other vessel, she should, if in doubt, assume that she is an overtaking vessel and keep out of the way.

ARTICLE 25. In narrow channels every steam vessel shall, when it is safe and practicable, keep to that side of the fairway or mid-channel which lies on the starboard side of such vessel.

ARTICLE 26. Sailing vessels under way shall keep out of the way of sailing vessels or boats fishing with nets, or lines, or trawls. This rule shall not give to any vessel or boat engaged in fishing the right of obstructing a fairway used by vessels other than fishing vessels or boats.

ARTICLE 27. In obeying and construing these rules, due regard shall be had to all dangers of navigation and collision, and to any special circumstances which may render a departure from the above rules necessary in order to avoid immediate danger.

Sound signals for vessels in sight of one another.

ARTICLE 28. The words "short blast" used in this article shall mean a blast of about one second's duration.

When vessels are in sight of one another, a steam vessel under way, in taking any course authorized or required by these rules, shall indicate that course by the following signals on her whistle or siren, viz.:—

One short blast to mean: "I am directing my course to starboard."

Two short blasts to mean: "I am directing my course to port."

Three short blasts to mean: "My engines are going full speed astern."

l'autre, ou lorsque le feu vert de l'un est opposé au feu vert de l'autre, ou lorsque l'un d'eux voit en avant un feu rouge sans voir le feu vert, ou un feu vert sans voir le feu rouge, ni lorsque les deux feux verts et rouges sont visibles partout ailleurs qu'en avant.

ARTICLE 19. Si deux navires sous vapeur font des routes qui se croisent et les exposent à s'aborder, celui qui voit l'autre par tribord doit manœuvrer de manière à ne pas gêner la route de ce dernier.

ARTICLE 20. Si deux navires, l'un à voiles, l'autre sous vapeur, font des routes qui les exposent à s'aborder, le navire sous vapeur doit manœuvrer de manière à ne pas gêner la route du navire à voiles.

ARTICLE 21. Lorsque, d'après les règles qui précèdent, l'un des deux navires doit s'écarter de la route de l'autre, celui-ci poursuivra sa route sans ralentir sa vitesse.

ARTICLE 22. Tout navire qui, d'après les présents, doit céder la route à un autre navire, doit, si les circonstances le permettent, éviter de croiser la route de l'autre.

ARTICLE 23. Tout navire à vapeur qui, d'après les présents règlements, doit céder la route à un autre navire, doit en l'approchant, si c'est nécessaire, ralentir sa vitesse, ou stopper ou faire machine en arrière.

ARTICLE 24. Nonobstant tout ce qui est contenu aux présents règlements, chaque navire qui en atteint un autre, doit s'écarter du navire atteint.

Chaque navire atteignant un autre navire d'une direction quelconque plus que deux quarts en arrière de son travers, *i.e.*, dans une position telle, relativement au navire atteint, que pendant la nuit le premier navire serait incapable de voir aucun des feux de côté du dernier navire, sera censé être un navire atteignant, et nul changement subséquent dans l'orientation entre les deux navires ne rendra un navire atteignant un navire croisant dans le sens des présents règlements, ni ne l'exemptera du devoir de s'écarter de la route du navire atteint, tant que le premier ne sera pas passé et libre.

Vu que pendant le jour le navire atteignant ne peut pas toujours savoir avec certitude s'il est en avant ou en arrière de cette direction d'après l'autre navire, il doit, dans le doute, présumer qu'il est un navire atteignant, et s'écarter de la route.

ARTICLE 25. Dans les passages ou chenaux étroits, tout navire à vapeur doit, si la chose est sûre et praticable, se tenir du côté du passage ou du milieu du chenal qui se trouve à tribord de ce navire.

ARTICLE 26. Les bâtiments à voiles en marche s'écarteront de la route des vaisseaux ou bateaux à voiles pêchant avec des rets, ou des lignes, ou des lignes dormantes. Cette présente règle ne donnera pas à tout vaisseau ou bateau engagé à pêcher, le droit d'obstruer un passage fréquenté par d'autres vaisseaux que des vaisseaux ou bateaux de pêche.

ARTICLE 27. En se conformant aux règles qui précèdent et les interprétant, il faut tenir compte de tous les dangers de la navigation, et avoir égard à toutes les circonstances particulières qui peuvent rendre nécessaire une dérogation à ces règles, afin de parer à un péril immédiat.

Signaux par sons pour les navires en vue l'un de l'autre.

ARTICLE 28. Les mots "coup bref" employés dans le présent article, signifient un coup d'environ une seconde.

Lorsque des navires sont en vue les uns des autres, un navire à vapeur en marche, en prenant toute direction autorisée ou requise par les présents règlements, indiquera cette direction au moyen des signaux suivants, sur sifflet ou sirène, savoir:—

Un coup bref signifie: "Je me dirige à tribord."

Deux coups brefs signifient: "Je me dirige à bâbord."

Trois coups brefs signifient: "Je recule à toute vitesse."

No vessel under any circumstances to neglect proper precautions.

ARTICLE 29. Nothing in these rules shall exonerate any vessel, or the owner, or master, or crew thereof, from the consequences of any neglect to carry lights or signals, or of any neglect to keep a proper look-out, or of the neglect of any precaution which may be required by the ordinary practice of seamen, or by the special circumstances of the case.

Reservation of rules for harbours and inland navigation.

ARTICLE 30. Nothing in these rules shall interfere with the operation of a special rule, duly made by local authority, relative to the navigation of any harbour, river, or inland waters.

Distress signals.

ARTICLE 31. When a vessel is in distress and requires assistance from other vessels or from the shore, the following shall be the signal to be used or displayed by her, either together or separately, viz.:—

In daytime—

1. A gun or other explosive signal fired at intervals of about a minute;
2. The International Code signal of distress indicated by N.C.;
3. The distant signal, consisting of a square flag, having either above or below it a ball or anything resembling a ball;
4. A continuous sounding with any fog-signal apparatus.

At night—

1. A gun or other explosive signal fired at intervals of about a minute;
2. Flames on the vessel (as from a burning tar-barrel, oil-barrel, etc.);
3. Rockets or shells, throwing stars of any colour or description, fired one at a time, at short intervals;
4. A continuous sounding with any fog-signal apparatus.

Rafts and Harbour of Sorel.

ARTICLE 32. Rafts, while drifting or at anchor on any of the waters of Canada, shall have a bright fire kept burning on them from sunset to sunrise. Whenever any raft is going in the same direction as another which is ahead, the one shall be so navigated as not to come within 20 yards of the other, and every vessel meeting or overtaking a raft shall keep out of the way thereof.

Rafts shall be so navigated and anchored as not to cause any unnecessary impediment or obstruction to vessels navigating the same waters.

ARTICLE 33. Unless it is otherwise directed by the Harbour Commissioners of Montreal, ships and vessels entering or leaving the harbour of Sorel shall take the port side, anything in the preceding articles to the contrary notwithstanding.

ARTICLE 34. The rules of navigation contained in articles 32 and 33 shall be subject to the provisions contained in articles 27 and 29.

JOHN J. McGEE,
Clerk of the Privy Council.

Nul navire ne doit, sous aucun prétexte, négliger les précautions nécessaires.

ARTICLE 29. Rien dans ces règles ne saurait affranchir un navire, quel qu'il soit, son propriétaire, son capitaine ou son équipage, des conséquences d'une omission de porter des feux ou signaux, d'un défaut de surveillance convenable, ou enfin d'une négligence quelconque des précautions commandées par la pratique ordinaire de la navigation ou par les circonstances particulières de la situation.

Réserve à l'égard des règles pour les ports et la navigation intérieure.

ARTICLE 30. Rien dans ces règles n'entravera l'opération d'une règle spéciale, régulièrement établie par une autorité locale, au sujet de la navigation d'un port, d'un fleuve, d'une rivière, ou d'eux intérieures.

Signaux de détresse.

ARTICLE 31. Lorsqu'un navire est en détresse et a besoin du secours d'autres navires, ou de la terre, les signaux suivants seront employés et déployés par ce navire, soit ensemble soit séparément, savoir:—

Pendant le jour:—

1. Un canon ou autre signal explosif, tiré à des intervalles d'environ une minute;
2. Le signal de détresse indiqué par N.C. dans le Code international de signaux;
3. Le signal éloigné, composé d'un pavillon carré, ayant, soit en haut ou en bas, une boule ou quelque chose ressemblant à une boule:
4. Un son continu produit par un appareil de signal de brume.

Pendant la nuit:—

1. Un canon ou autre signal explosif tiré à des intervalles d'environ une minute;
2. Des flammes sur le navire (telles que produites par des barils de goudron, ou d'huile, etc.);
3. Des fusées ou obus, jetant des étoiles de toute couleur ou description, tirés un à la fois, à de courts intervalles;
4. Un son continu par un appareil de signal de brume.

Trains de bois—Port de Sorel.

ARTICLE 32. Les trains de bois en dérive ou à l'ancre dans les eaux du Canada doivent tenir allumé un feu brillant depuis le coucher jusqu'au lever du soleil; tout train de bois qui suit la même route qu'un autre qui le précède doit naviguer de manière à se tenir à vingt verges de distance de l'autre, et tout bâtiment qui rencontre ou passe un train de bois doit manœuvrer de manière à ne pas gêner la route de ce train de bois.

Les trains de bois doivent naviguer et mouiller de manière à ne pas gêner inutilement la route des navires qui fréquentent les mêmes eaux.

ARTICLE 33. A moins qu'il n'en soit autrement ordonné par les Commissaires du Havre de Montréal, les navires et bâtiments entrant dans le port de Sorel ou en sortant, doivent naviguer à bâbord, nonobstant tout article ci-dessus à ce contraire.

ARTICLE 34. Les règles de navigation exprimées dans les articles 32 et 33 sont sujettes aux dispositions contenues dans les articles 27 et 29.

JOHN J. McGEE,
Greffier du Conseil privé.

AT THE GOVERNMENT HOUSE AT OTTAWA.

Monday, the 28th day of June, 1909.

PRESENT:

His Excellency the Administrator in Council.

Whereas by an order of His Majesty in Council, dated the 4th day of April, 1906, His Majesty was pleased to amend article 9, regarding lights and signals of fishing vessels and boats, of the regulations for the prevention of collisions at sea and as to signals of distress;

And whereas, it is desirable that such provisions of the said article 9 as are applicable should be incorporated in the regulations for preventing collisions in Canadian waters;

Therefore His Excellency in Council is pleased, under the provisions of Part XIV of the Canada Shipping Act, chapter 113, Revised Statutes of Canada, 1906, to order and direct that article number 9 of the regulations for preventing collisions, as established by Order in Council of the 9th day of February, 1897, shall be and the same is hereby rescinded, and the annexed article number 9, containing those provisions of the Imperial regulations in that regard as are applicable to Canadian waters, substituted therefor;

And His Excellency in Council is further pleased to order and declare, with a view to removing any doubt as to the waters in which the regulations for preventing collisions and as to signals of distress, annexed to the Order in Council of the 9th February, 1897, and as herein amended are in operation, that the said regulations shall apply to all the navigable waters within Canada or within the jurisdiction of the Parliament thereof, except the waters of Lakes Superior and Huron, Georgian bay, Lakes Erie and Ontario, their connecting and tributary waters, and the St. Lawrence river as far east as the lower exit of the Lachine canal and the Victoria bridge at Montreal.

RODOLPHE BOUDREAU,
Clerk of the Privy Council.

REGULATIONS FOR PREVENTING COLLISIONS OF SHIPS.

Article 9. Fishing vessels and fishing boats, when under way and when not required by this article to carry or show the lights hereinafter specified shall carry or show the lights prescribed for vessels of their tonnage under way.

(*a*) Open boats, by which it is to be understood boats not protected from the entry of sea water by means of a continuous deck, when engaged in any fishing at night with outlying tackle extending not more than 150 feet horizontally from the boat into the seaway, shall carry one all-round white light.

Open boats when fishing at night, with outlying tackle extending more than 150 feet horizontally from the boat into the seaway, shall carry one all-round white light, and in addition, on approaching or being approached by other vessels, shall show a second white light at least 3 feet below the first light and at a horizontal distance of at least 5 feet away from it in the direction in which the outlying tackle is attached.

(*b*) Vessels and boats, except open boats as defined in subdivision (*a*), when fishing with drift-nets, shall, so long as the nets are wholly or partly in the water, carry two white lights where they can best be seen. Such lights shall be placed so

HÔTEL DU GOUVERNEMENT À OTTAWA.

LUNDI, le 28e jour de juin 1909.

PRÉSENT :

SON EXCELLENCE L'ADMINISTRATEUR EN CONSEIL.

Attendu que par un arrêté de Sa Majesté en conseil daté le 4e jour d'avril 1906, il a plu à Sa Majesté de modifier l'article 9 relatif aux feux et signaux que doivent porter les vaisseaux et bateaux de pêche, des règlements établis pour prévenir les abordages en mer et concernant les signaux de détresse;

Et attendu qu'il est opportun que les dites dispositions du dit article 9 qui sont applicables soient incorporées dans les règlements pour prévenir les abordages dans les eaux canadiennes,—

A ces causes, il plaît à Son Excellence en conseil, en vertu des dispositions de la partie XIV de la loi de la marine marchande au Canada, chapitre 113 des Statuts revisés du Canada, 1906, de décréter et ordonner que l'article 9 des règlements pour prévenir les abordages en mer, tels qu'établis par arrêté en conseil du 9 février 1897, soit et il est par le présent rescindé, et il est remplacé par l'article 9 ci-annexé, contenant les dispositions des règlements impériaux à ce sujet qui sont applicables aux eaux canadiennes;

Il plaît en outre à Son Excellence en conseil de décréter et déclarer, dans le but de lever tout doute quant aux eaux dans lesquelles sont en vigueur les règlements pour prévenir les abordages et concernant les signaux de détresse, annexés à l'arrêté en conseil du 9 février 1897, que les dits règlements s'appliquent à toutes les eaux navigables en Canada ou sous la juridiction du parlement canadien, sauf les eaux des lacs Supérieur et Huron, la baie Georgienne, les lacs Erié et Ontario, leurs eaux tributaires, et le fleuve Saint-Laurent aussi loin à l'est que la sortie du canal Lachine et le pont Victoria, à Montréal.

RODOLPHE BOUDREAU,
Greffier du Conseil privé.

RÈGLEMENTS POUR PRÉVENIR LES ABORDAGES DES NAVIRES.

ARTICLE 9. Les vaisseaux de pêche et bateaux de pêche, lorsqu'ils sont en marche, et qu'ils ne sont pas obligés par le présent article de porter ou montrer les feux ci-après spécifiés, porteront ou montreront les feux prescrits pour les vaisseaux de leur tonnage en marche.

(*a*) Les bateaux non pontés, par lesquels on entend les bateaux qui ne sont pas protégés contre l'entrée de l'eau au moyen d'un pont continu, lorsque la nuit ils sont occupés à pêcher avec des engins tendus à pas plus de 150 pieds horizontalement en mer, porteront un feu blanc visible de tous les points de l'horizon.

Les bateaux non pontés, lorsque la nuit ils pêchent avec des engins tendus à plus de 150 pieds horizontalement en mer, porteront un feu blanc visible de tous les points de l'horizon, et de plus, en approchant d'autres vaisseaux, ou que d'autres vaisseaux s'en approchent, montreront un deuxième feu blanc placé au moins 3 pieds plus bas que le premier feu, et à une distance horizontale d'au moins 5 pieds dans la direction dans laquelle est attaché l'engin de pêche tendu.

(*b*) Les vaisseaux et bateaux, sauf les bateaux non pontés définis à la subdivision (*a*), pêchant aux filets traînants, porteront, tant que les filets sont complètement ou partiellement dans l'eau, deux feux blancs, là où ils peuvent être le mieux vus. Ces feux doivent être placés de manière que la distance verticale entre eux ne soit pas de

that the vertical distance between them shall be not less than 6 feet and not more than 15 feet, and so that the horizontal distance between them, measured in a line with the keel, shall be not less than 5 feet and not more than 10 feet. The lower of these two lights shall be in the direction of the nets, and both of them shall be of such a character as to show all round the horizon, and to be visible at a distance of not less than 3 miles.

(*c*) Vessels and boats, except boats as defined in subdivision (*a*), when line-fishing, with their lines out and attached to or hauling their lines, and when not at anchor or stationary, within the meaning of subdivision (*g*), shall carry the same lights as vessels fishing with drift-nets. When shooting lines or fishing with towing lines, they shall carry the lights prescribed for a steam or sailing vessel under way, respectively.

(*d*) Oyster dredges and other vessels fishing with dredge nets, shall—

1. If steam vessels, carry in the same position as the white light mentioned in article 2 (*a*), a tri-coloured lantern so constructed and fixed as to show a white light from right ahead to 2 points on each bow, and a green light and a red light over an arc of the horizon from 2 points on each bow to 2 points abaft the beam on the starboard and port sides, respectively; and not less than 6 nor more than 12 feet below the tri-coloured lantern a white light in a lantern, so constructed as to show a clear uniform and unbroken light all round the horizon.

2. If sailing vessels, shall carry a white light in a lantern, so constructed as to show a clear uniform and unbroken light all round the horizon, and shall also, on the approach of or to other vessels, show where it can best be seen a white flare-up light or torch in sufficient time to prevent collision.

All lights mentioned in subdivision (*d*) 1 and 2 shall be visible at a distance of at least 2 miles.

(*e*) Fishing vessels and fishing boats may at any time use a flare-up light in addition to the lights which they are by this article required to carry and show, and they may also use working lights.

(*f*) Every fishing vessel and every fishing boat under 150 feet in length, when at anchor, shall exhibit a white light visible all round the horizon at a distance of at least one mile.

Every fishing vessel of 150 feet in length or upwards, when at anchor, shall exhibit a white light visible all round the horizon at a distance of at least one mile, and shall exhibit a second light as provided for vessels of such length by article 11.

Should any such vessel, whether under 150 feet in length or of 150 feet in length or upwards, be attached to a net or other fishing gear, she shall on the approach of other vessels show an additional white light at least 3 feet below the anchor light, and at a horizontal distance of at least 5 feet away from it in the direction of the net or gear.

(*g*) If a vessel or boat when fishing becomes stationary in consequence of her gear getting fast to a rock or other obstruction, she shall in daytime haul down the day signal required by subdivision (*i*); at night show the light or lights prescribed for a vessel at anchor; and during fog, mist, falling snow, or heavy rainstorms, make the signal prescribed for a vessel at anchor. (See the last paragraph of article 15.)

(*h*) In fog, mist, falling snow, or heavy rainstorms, drift-net vessels attached to their nets, and vessels when dredging, or when line-fishing with their lines out, shall, if of 20 tons gross tonnage or upwards, respectively, at intervals of not more than one minute, make a blast; if steam vessels with the whistle or siren, and if sailing vessels, with the fog-horn; each blast to be followed by ringing the bell. Fishing vessels and

moins de 6 pieds ni de plus de 15 pieds, et de manière que la distance horizontale qui les sépare, mesurée en ligne avec la quille du navire, ne soit pas de moins de 5 pieds ni de plus de 10 pieds. Le plus bas de ces deux feux sera dans la direction des filets, et tous les deux doivent avoir une portée telle et placés dans des fanaux d'une construction telle qu'ils soient visibles de tous les points de l'horizon à une distance d'au moins 3 milles.

(*c*) Les vaisseaux et bateaux, sauf les bateaux non pontés tels que définis à la subdivision (*a*), pêchant à la ligne avec leurs lignes tendues et attachés à leurs lignes ou les retirant, et lorsqu'ils ne sont pas ancrés ou stationnaires dans le sens de la subdivision (*g*), porteront les mêmes feux que les vaisseaux pêchant aux filets traînants. Lorsqu'ils jettent leurs lignes ou pêchent avec des lignes traînantes, ils porteront les feux prescrits pour les vaisseaux à vapeur ou à voiles en marche respectivement.

(*d*) Les dragues aux huîtres et autres vaisseaux pêchant à la drague—

1. S'ils sont à vapeur, porteront dans la même position que le feu blanc mentionné à l'article 2 (*a*) un fanal tricolore, construit et fixé de manière à montrer un feu blanc depuis l'avant jusqu'aux quarts de chaque côté, et un feu vert et un feu rouge sur un arc horizontal de deux quarts de chaque côté jusqu'à deux quarts sur l'arrière du travers à tribord et bâbord respectivement; et pas moins de 6 ni plus de 12 pieds au-dessous du fanal tricolore un feu blanc dans un fanal construit de manière à projeter une lumière uniforme et non interrompue visible de tous les points de l'horizon.

2. S'ils sont à voiles, ils porteront un feu blanc dans un fanal, construit de manière à projeter une lumière uniforme et non interrompue tout autour de l'horizon, et à l'approche d'autres vaisseaux, ou en les approchant, ils montreront aussi, là où il sera le mieux aperçu, un feu blanc à éclats ou une torche en temps suffisant pour éviter l'abordage.

Tous les feux mentionnés à la subdivision (*d*) 1 et 2 seront visibles à une distance d'au moins 2 milles.

(*e*) Les vaisseaux et bateaux de pêche pourront en tout temps employer un feu à éclats en sus des feux que le présent article les oblige de porter et montrer, et ils pourront aussi se servir de feux portatifs.

(*f*) Chaque vaisseau de pêche et chaque bateau de moins de 150 pieds de longueur, à l'ancre, devra montrer un feu blanc visible de tous les points de l'horizon à une distance d'un mille au moins.

Chaque vaisseau de pêche de 150 pieds de longueur ou plus, à l'ancre, montrera un feu blanc visible de tous les points de l'horizon, à une distance d'au moins un mille, et montrera un deuxième feu tel que prescrit pour les vaisseaux de cette longueur par l'article 11.

Si un tel vaisseau, qu'il ait moins de 150 pieds de longueur, ou ait 150 pieds de longueur ou plus, est attaché à un filet ou autre engin de pêche, il montrera, à l'approche d'autres vaisseaux, un autre feu blanc placé 3 pieds au moins plus bas que le feu de mouillage, et à une distance horizontale d'au moins 5 pieds dans la direction du filet ou engin.

(*g*) Si un vaisseau qui fait la pêche devient stationnaire par suite de ce que son engin de pêche s'est accroché à une roche ou à quelque autre obstacle, le jour il descendra la marque prescrite par la subdivision (*i*), la nuit il montrera le feu ou les feux prescrits pour un vaisseau à l'ancre; et dans les temps de brume, de brouillard, de neige ou de grosses pluies il fera le signal prescrit pour un vaisseau à l'ancre. (Voir le dernier paragraphe de l'article 15.)

(*h*) Dans les temps de brume, de brouillard, de neige ou de grosses pluies, les vaisseaux à filets traînants attachés à leurs filets, et les vaisseaux pêchant à la traînée, ou à la ligne avec leurs lignes tendues, devront, s'ils sont de 20 tonneaux de tonnage brut ou plus, respectivement, à des intervalles d'une minute au plus, sonner le sifflet ou la sirène, s'ils sont à vapeur, ou faire résonner le cornet s'ils sont à voiles; chaque son

boats of less than 20 tons gross tonnage shall not be obliged to give the above-mentioned signals; but if they do not, they shall make some other efficient sound signal at intervals of not more than one minute.

(*i*) All vessels or boats fishing with nets or lines, when under way, shall in daytime indicate their occupation to an approaching vessel by displaying a basket or other efficient signal where it can best be seen. If vessels or boats at anchor have their gear out, they shall, on the approach of other vessels, show the same signal on the side on which those vessels can pass.

The vessels required by this article to carry or show the lights hereinbefore specified shall not be obliged to carry the lights prescribed by article 4 (*a*), and the last paragraph of article 11.

sera suivi d'un coup de cloche. Les vaisseaux de pêche et les bateaux de moins de 20 tonneaux de tonnage brut ne seront pas obligés de donner les signaux ci-dessus, mais sinon, ils feront d'autres signaux à des intervalles d'au moins une minute.

(*i*) Tous les bateaux ou bateaux pêchant aux filets ou lignes ou dragues, en marche, le jour indiqueront leur occupation à un vaisseau approchant, en déployant un panier ou autre bon signal où il sera le mieux aperçu. Si des vaisseaux ou bateaux à l'ancre ont leurs engins tendus, ils montreront à l'approche d'autres vaisseaux le même signal du côté où peuvent passer ces vaisseaux.

Les vaisseaux que le présent article oblige de porter ou de montrer les feux ci-dessus décrits, ne seront pas obligés de porter les feux prescrits par l'article 40 (*a*) et le dernier paragraphe de l'article 11.

RULES OF THE ROAD FOR THE GREAT LAKES

INCLUDING GEORGIAN BAY, THEIR CONNECTING AND TRIBUTARY WATERS, AND THE ST. LAWRENCE RIVER AS FAR EAST AS THE LOWER EXIT OF THE LACHINE CANAL AND THE VICTORIA BRIDGE AT MONTREAL.

ORDER IN COUNCIL

AT THE GOVERNMENT HOUSE AT OTTAWA.

FRIDAY, the 4th day of February, 1916.

PRESENT:

HIS ROYAL HIGHNESS THE GOVERNOR GENERAL IN COUNCIL.

Whereas it is considered necessary to revise the rules of the road for the Great Lakes including Georgian Bay, their connecting and tributary waters, etc., adopted by Order in Council of the 20th April, 1905, as owing to the increased use in recent years of motor boats and other small craft on the inland waters, the present rules have become inadequate to meet present conditions.

And whereas the present rules differ from the United States rules of the road for the same waters, and one of the principal objects of the revision is to harmonize the Canadian rules with the United States rules, which object has been accomplished in the revised rules hereto annexed.

And whereas the adoption of the said revised rules is desired by Canadian shipping interests on the Great Lakes.

Therefore His Royal Highness the Governor General in Council, in pursuance of the provisions of section 913 of the Canada Shipping Act, chapter 113 of the Revised Statutes of Canada, 1906, is pleased to order as follows:—

The annexed Revised Rules are hereby adopted as the Rules of the Road for navigating the Great Lakes including Georgian Bay, their connecting and tributary waters and the St. Lawrence river as far east as the lower exit of the Lachine canal and the Victoria bridge at Montreal, the same to take effect on and after the 1st day of March, 1916, and all other rules or regulations adopted by Order in Council governing the navigation of the said waters, and all Orders in Council previously passed adopting such rules or regulations are hereby repealed.

RODOLPHE BOUDREAU,
Clerk of the Privy Council.

RÈGLEMENTS POUR PRÉVENIR LES ABORDAGES SUR LES GRANDS LACS

SUR LES EAUX DE LA BAIE GEORGIENNE, SUR CELLES LES RELIANT OU EN ÉTANT TRIBUTAIRES, ET SUR LE FLEUVE SAINT-LAURENT, JUSQU'À LA LIMITE ORIENTALE DÉTERMINÉE PAR LA PORTE D'AVAL DE L'ECLUSE INFÉRIEURE DU CANAL LACHINE ET LE PONT VICTORIA, À MONTRÉAL.

ARRÊTÉ EN CONSEIL

HÔTEL DU GOUVERNEMENT À OTTAWA.

VENDREDI, le 4e jour de février 1916.

PRÉSENT :

SON ALTESSE ROYALE LE GOUVERNEUR GÉNÉRAL EN CONSEIL.

Attendu qu'il est jugé nécessaire de reviser les règlements régissant la navigation sur les Grands lacs (y compris la baie Georgienne), ainsi que la navigation sur les eaux qui les relient et les eaux tributaires, etc., adoptés par un arrêté en conseil du 20 avril 1915, car à cause de l'augmentation en ces dernières années du nombre de bateaux à moteur et d'autre batellerie sur les eaux de l'intérieur, les présents règlements sont inadéquats dans les conditions actuelles.

Et attendu que les présents règlements diffèrent de ceux des Etats-Unis sur les mêmes eaux et qu'un des buts principaux de la révision est de rendre les règlements canadiens conformes à ceux des Etats-Unis, ce qui est fait dans les règlements revisés ci-annexés.

Et attendu que les intéressés dans la marine marchande sur les Grands lacs désirent l'adoption des dits règlements revisés.

Par conséquent, il plaît à Son Altesse Royale le Gouverneur en conseil, en vertu des dispositions de l'article 913 de la loi de la marine marchande au Canada, chapitre 113 des Statuts revisés du Canada, 1906, de décréter par ces présentes ce qui suit:—

Sont par ces présentes adoptés les règlements revisés ci-annexés concernant la navigation sur les Grands lacs (y compris la baie Georgienne), ainsi que la navigation sur les eaux qui les relient et les eaux tributaires, et le fleuve Saint-Laurent jusqu'à la limite orientale déterminée par la porte d'aval de l'écluse inférieure du canal Lachine et le pont Victoria, à Montréal. Ces règlements seront en vigueur à dater du premier jour de mars 1916, et tous les autres règlements adoptés par arrêté en conseil concernant la navigation des dites eaux, et tous les arrêtés en conseil antérieurs promulguant de tels règlements sont par ces présentes rescindés.

RODOLPHE BOUDREAU,
Greffier du Conseil privé.

RULES FOR NAVIGATING THE GREAT LAKES,

Including Georgian Bay, their connecting and tributary waters and the St. Lawrence River as far East as the lower exit of the Lachine Canal and the Victoria Bridge at Montreal.

Preliminary.

In the following rules every steam vessel which is under sail and not under steam shall be considered a sail vessel; and every steam vessel which is under steam, whether under sail or not, shall be considered a steam vessel.

The words *steam vessel* and *steamer* shall include any vessel propelled by machinery.

A vessel is *under way* within the meaning of these rules, when she is not at anchor, or made fast to the shore or aground.

LIGHTS.

RULE 1. The lights mentioned in the following rules and no others shall be carried in all weathers from sunset to sunrise. The word visible in these rules when applied to lights shall mean visible on a dark night with a clear atmosphere.

RULE 2. Except in the cases hereinafter expressly provided for, a steam vessel when under way shall carry:—

(*a*) On or in front of the foremast, or if a vessel without a foremast, then in the forepart of the vessel, at a height above the hull of not less than twenty feet, and if the beam of the vessel exceeds twenty feet, then at a height above the hull not less than such beam, so, however, that such height need not exceed forty feet, a bright white light so constructed as to show an unbroken light over an arc of the horizon of twenty points of the compass, so fixed as to throw the light ten points on each side of the vessel, namely, from right ahead to two points abaft the beam on either side, and of such character as to be visible at a distance of at least five miles.

(*b*) On the starboard side, a green light, so constructed as to throw an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side, and of such a character as to be visible at a distance of at least two miles.

(*c*) On the port side, a red light, so constructed as to show an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the port side, and of such a character as to be visible at a distance of at least two miles.

(*d*) The said green and red lights shall be fitted with inboard screens projecting at least three feet forward from the light, so as to prevent these lights from being seen across the bow.

(*e*) A steamer of over one hundred and fifty feet register length shall also carry when under way an additional bright light similar in construction to that mentioned in subdivision (*a*), so fixed as to throw the light all around the horizon and of such character as to be visible at a distance of at least three miles. Such additional light shall be placed in line with the keel at least fifteen feet higher from the deck and more than seventy-five feet abaft the light mentioned in subdivision (*a*).

RULE 3. A steam vessel having a tow other than a raft shall in addition to the forward bright light mentioned in subdivision (*a*) of rule two carry in a vertical line not less than six feet above or below that light a second bright light of the same con-

SESSIONAL PAPER No. 22

RÈGLEMENTS CONCERNANT LA NAVIGATION SUR LES GRANDS LACS,

Sur les eaux de la baie Georgienne, sur celles les reliant ou en étant tributaires, et sur le fleuve Saint-Laurent, jusqu'à la limite orientale déterminée par la porte d'aval de l'écluse inférieure du canal Lachine et le pont Victoria, à Montréal.

Dispositions préliminaires.

Pour l'application des articles du présent règlement, tout navire à vapeur faisant route uniquement à la voile, doit être considéré comme étant un navire à voiles; et tout navire à vapeur dont la machine est sous pression, doit être considéré comme navire à vapeur, qu'il se serve ou non de ses voiles.

L'expression "navire à vapeur" comprend tout navire mû par des machines.

Un navire "fait route" dans le sens du présent règlement, lorsqu'il n'est pas au mouillage, ou amarré au rivage, ou échoué.

FEUX.

Article 1. Les feux dont il est fait mention dans les articles suivants du présent règlement, sont les seuls qui doivent être montrés depuis le coucher du soleil jusqu'au moment où il se lève.

L'expression "visible" employée dans le présent règlement au sujet des feux, signifie visible par une nuit noire et ciel clair.

Article 2. Excepté dans les cas expressément déterminés ci-après, tout navire à vapeur faisant route doit porter:—

(*a*) Au mât de misaine ou en avant de ce mât, ou bien, si le navire n'a pas de mât de misaine, sur la partie avant du navire, à une hauteur au-dessus du plat-bord qui ne soit pas inférieur à vingt pieds, et si la largeur du navire dépasse vingt pieds à une hauteur au-dessus du plat-bord au moins égale à cette largeur sans qu'il soit néanmoins nécessaire que cette hauteur au-dessus du plat-bord dépasse quarante pieds, un feu blanc brillant, disposé de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de vingt quarts ou rumbs de compas, soit 10 quarts de chaque côté du navire, c'est-à-dire depuis l'avant jusqu'à 2 quarts sur l'arrière du travers de chaque bord. Ce feu doit être visible d'une distance d'au moins cinq milles.

(*b*) A tribord: un feu vert établi de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumbs du compas, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord. Ce feu doit être visible d'une distance d'au moins deux milles.

(*c*) A bâbord: un feu rouge établi de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumbs du compas, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à bâbord. Ce feu doit être visible d'une distance d'au moins deux milles.

(*d*) Ces feux de côté, vert et rouge, doivent être mis sur des boîtes ouvertes, ou écrans, placés de chaque côté du navire, dépassant le feu d'au moins trois pieds vers la proue, et construits de manière que le feu vert ne puisse être aperçu de bâbord avant et le feu rouge de tribord avant.

(*e*) Tout navire à vapeur de plus de cent cinquante pieds de longueur faisant route doit porter un feu additionnel blanc, semblable à celui mentionné au paragraphe (*a*) disposé de manière à projeter tout autour de l'horizon une lumière claire à une distance d'au moins trois milles. Ce feu additionnel doit être placé dans le plan de la quille à quinze pieds au moins au-dessus du pont et à une distance de plus de soixante et quinze pieds en arrière du feu mentionné au paragraphe (*a*).

Article 3. Tout navire à vapeur qui remorque autre chose qu'un train de bois flotté, doit porter en outre du feu blanc brillant de l'avant, mentionné au paragraphe (*a*) de l'article deux, un deuxième feu blanc brillant semblable au feu susdit, mon-

struction and character and fixed and carried in the same manner as the forward bright light mentioned in said subdivision (*a*) of rule two. Such steamer shall also carry a small bright light abaft the funnel or aftermast for the tow to steer by, but such light shall not be visible forward of the beam.

RULE 4. A steam vessel having a raft in tow shall, instead of the forward lights mentioned in rule three, carry on or in front of the foremast, or if a vessel without a foremast then in the forepart of the vessel, at a height above the hull of not less than twenty feet, and if the beam of the vessel exceeds twenty feet, then at a height above the hull not less than such beam, so however, that such height need not exceed forty feet, two bright lights in a horizonal line athwartships and not less than eight feet apart, each so fixed as to throw the light all around the horizon and of such character as to be visible at a distance of at least five miles. Such steamer shall also carry the small bright steering light aft, of the character and fixed as required in rule three.

RULE 5. A sailing vessel under way and any vessel being towed shall carry the side-lights mentioned in rule two.

A vessel in tow shall also carry a small bright light aft, but such light shall not be visible forward of the beam.

RULE 6. Whenever, as in the case of small vessels under way during bad weather, the green and red side-lights can not be fixed, these lights shall be kept at hand lighted and ready for use, and shall, on the approach of or to other vessels, be exhibited on their respective sides in sufficient time to prevent collision, in such manner as to make them most visible, and so that the green light shall not be seen on the port side, nor the red light on the starboard side, nor, if practicable, more than two points abaft the beam on their respective sides. To make the use of these portable lights more certain and easy, they shall be painted outside with the colour of the light they respectively contain, and shall be provided with suitable screens.

RULE 7. A vessel under one hundred and fifty feet register length, when at anchor, shall carry forward, where it can best be seen, but at a height not exceeding twenty feet above the hull, a white light in a lantern constructed so as to show a clear, uniform, and unbroken light, visible all around the horizon, at a distance of at least one mile.

A vessel of one hundred and fifty feet or upward in register length, when at anchor, shall carry in the forward part of the vessel, at a height of not less than twenty and not exceeding forty feet above the hull, one such light, and at or near the stern of the vessel, and at such a height that it shall not be less than fifteen feet lower than the forward light, another such light.

RULE 8. Open boats shall not be obliged to carry the side-lights required for other vessels, but shall, if they do not carry such lights, carry a lantern having a green slide on one side and a red slide on the other side; and on the approach of or to other vessels, such lantern shall be exhibited in sufficient time to prevent collision, and in such a manner that the green light shall not be on the port side, nor the red light on the starboard side. Open boats, when at anchor or stationary, shall exhibit a bright white light. They shall not, however, be prevented from using a flare-up in addition if considered expedient.

tionné au paragraphe (*a*) de l'article deux, et disposé verticalement à une distance de six pieds au moins au-dessus ou au-dessous de ce premier feu. Tel navire à vapeur doit aussi porter un petit feu blanc brillant en arrière de la cheminée ou du mât d'artimon, pour permettre au navire remorqué de gouverner, mais ce feu ne doit pas être visible en avant du maître-bau.

Article 4. Tout navire à vapeur qui remorque un train de bois flotté, doit, au lieu des feux de l'avant mentionnés à l'article 3, porter au mât de misaine ou en avant de ce mât, ou bien si le navire n'a pas de mât de misaine, sur la partie avant du navire, à une hauteur au-dessus du plat-bord qui ne soit pas inférieure à vingt pieds, et si la largeur du navire dépasse vingt pieds à une hauteur au-dessus du plat-bord au moins égale à cette largeur, sans qu'il soit nécessaire que cette hauteur au-dessus du plat-bord dépasse quarante pieds, deux feux blancs brillants horizontaux, disposés en travers du navire, à une distance d'au moins huit pieds l'un de l'autre et de manière à projeter tout autour de l'horizon une lumière claire ininterrompue, à une distance d'au moins cinq milles. Tel navire à vapeur doit aussi porter le petit feu blanc brillant du mât d'artimon, mentionné à la fin de l'article 3.

Article 5. Tout voilier faisant route doit porter les feux de côté mentionnés à l'article 2; et, tout navire remorqué doit aussi porter ces mêmes feux.

Tout navire remorqué doit en outre porter à l'arrière un petit feu blanc brillant, feu qui ne doit pas être visible en avant du maître-bau.

Article 6. Lorsqu'un navire faisant route par gros temps a des dimensions trop petites pour que ses feux de côté, vert et rouge, puissent être fixés de manière permanente, ces feux doivent, néanmoins, être tenus allumés sur le pont, chacun sur le côté réglementaire, afin que l'on puisse s'en servir instantanément. Ils doivent être montrés chacun, selon le besoin, et du bon côté, à tout bâtiment qui s'approcherait du navire qui les porte, ou dont ce dernier s'approcherait, et ce, assez à temps pour prévenir un abordage. Cette manœuvre doit être faite de telle manière que les feux de côté soient aussi visibles que possible, et présentés de telle sorte que le feu vert ne puisse être aperçu du côté de bâbord, ni le feu rouge du côté de tribord, si la chose est praticable, à plus de deux quarts en arrière du travers de chacun des côtés du navire. Pour rendre l'application de cet article du règlement plus facile et plus certaine, les fanaux doivent être peints extérieurement de la couleur du feu qu'ils contiennent, et ils doivent, de plus être pourvus d'écrans convenables.

Article 7. Un navire de moins de cent cinquante pieds de longueur, lorsqu'il est au mouillage, doit porter à l'avant dans l'endroit où il peut être le plus apparent, mais à une hauteur n'excédant pas vingt pieds au-dessus du plat-bord, un feu blanc dans un fanal disposé de manière à projeter tout autour de l'horizon une lumière claire, uniforme et non interrompue à une distance d'au moins un mille.

Un navire de cent cinquante pieds ou plus de longueur, lorsqu'il est au mouillage, doit porter à la partie avant à une hauteur au-dessus du plat-bord de vingt pieds au moins, et de quarante pieds au plus, un feu semblable à celui mentionné plus haut, et à l'arrière ou près de l'arrière un second feu pareil qui doit être à une hauteur telle qu'il ne se trouve pas à moins de 15 pieds plus bas que celui de l'avant.

Article 8. Les embarcations ouvertes ne sont pas obligées de porter les feux de côté que l'on exige des navires, mais elles doivent, si elles ne les portent pas, porter un fanal émettant une lumière verte d'un côté et rouge de l'autre; fanal qui doit être présenté assez à temps pour éviter tout abordage et de telle sorte que le feu vert ne puisse être aperçu du côté de bâbord ni le feu rouge du côté de tribord. Les embarcations ouvertes, doivent, lorsqu'elles sont au mouillage ou stationnaires, montrer un feu blanc brillant. On ne les empêche pas cependant de montrer par surcroît un feu intermittent, si cela est opportun.

RULE 9. Sailing vessels shall at all times, on the approach of any steamer during the nighttime, show a lighted torch upon that quarter to which such steamer shall be approaching.

Lights for tugs under 30 tons register (net) whose principal business is harbour towing.

RULE 10. Tugs under 30 tons register (net) whose principal business is harbour towing, shall carry the red and green side-lights carried by other steamers; and, at the foremast head, or, if the steamer has no foremast, then on top of the pilot house, a white light so constructed as to show a uniform and unbroken light over an arc of the horizon of 20 points of the compass, and so fixed as to throw the light 10 points on each side of the vessel, namely, from right ahead to 2 points abaft the beam on either side, and of such a character as to be visible at a distance of at least 3 miles; and *when towing, except when towing a raft*, shall carry an additional white light of same character and construction as the headlight, and hung not less than 3 feet vertically above or below the headlight.

When towing a raft, the two headlights shall be carried in a horizontal line athwartships not less than 4 feet apart, each so fixed as to throw the light all around the horizon, and of such a character as to be visible at a distance of at least 3 miles.

Lights to be carried by ferryboats.

RULE 11. Ferryboats propelled by steam or machinery shall carry the white light or lights and the coloured side-lights required by these rules to be carried on steam vessels, except that *double-end ferryboats* shall carry a central range of clear, bright, white lights, showing all around the horizon, placed at equal altitudes forward and aft, also on the starboard side a green light, and on the port side a red light, of such a character as to be visible on a dark night with a clear atmosphere at a distance of at least 2 miles, and so constructed as to show a uniform and unbroken light over an arc of the horizon of 10 points of the compass, and so fixed as to throw the light from right ahead to 2 points abaft the beam on their respective sides.

The green and red lights shall be fitted with inboard screens projecting at least 3 feet forward from the lights, so as to prevent them from being seen across the bow.

Lights for canal boats in tow of steam vessels.

RULE 12. Canal boats when in tow of steam vessels shall carry lights as follows:—

Canal boats when *towed astern of steam vessels and towed singly or tandem* shall each carry a green light on the starboard side, a red light on the port side, and a small bright white light aft.

When canal boats are *towed at a hawser in one or more tiers*, two or more abreast, the boat on the starboard side of each tier shall carry a green light on her starboard side, and the boat on the port side of each tier shall carry a red light on her port side, and each of the outside boats in the last tier shall also carry a small bright light aft.

When a canal boat is *towed alongside* and on the starboard side of a steamer, the boat towed shall carry a green light on the starboard side; and when towed on the port side of a steamer, the boat towed shall carry a red light on the port side.

ARTICLE 9. Les voiliers doivent en tout temps, durant la nuit, lorsqu'un navire à vapeur s'approche d'eux, montrer une torche allumée du côté où se trouve le vapeur qui approche.

Feux des remorqueurs ayant un tonnage net de moins de 30 tonneaux et principalement employés à faire du remorquage dans les ports.

ARTICLE 10. Les remorqueurs ayant un tonnage net de moins de 30 tonneaux et principalement employés à faire du remorquage dans les ports, doivent porter les feux de côté vert et rouge que portent les autres vapeurs, et, en tête du mât de misaine ou bien si ce remorqueur à vapeur n'a pas de mât de misaine, sur le haut du kiosque du pilote, un feu blanc brillant, disposé de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 20 quarts ou rumbs du compas, soit 10 quarts de chaque côté du navire, c'est-à-dire, depuis l'avant jusqu'à 2 quarts sur l'arrière du travers de chaque bord. Ce feu doit être visible à une distance d'au moins 3 milles. Lorsqu'un remorqueur fait du *remorquage autre que celui d'un train de bois flotté,* il doit porter un feu blanc additionnel semblable au feu de tête de mât et suspendu verticalement à une distance d'au moins trois pieds au-dessus ou au-dessous du feu de tête de mât.

Lorsqu'un remorqueur *remorque un train de bois flotté,* les deux feux de tête de mât, doivent être disposés horizontalement en travers du navire, à une distance d'au moins quatre pieds l'un de l'autre, de manière à projeter tout autour de l'horizon, une lumière claire, uniforme et ininterrompue à une distance d'au moins trois milles.

Feux que doivent porter les bacs.

ARTICLE 11. Les bacs dont la progression est obtenue par l'emploi de la vapeur ou de machines, doivent porter le ou les feux blancs et les feux de couleur des côtés que ce règlement exige des navires à vapeur; et *les bacs à proue double,* c'est-à-dire, dont la poupe est remplacée par une seconde proue, doivent porter dans le plan de leur ligne médiane longitudinale ou axe, un alignement de feux blancs brillants disposés de manière à projeter tout autour de l'horizon une lumière claire. Ces feux doivent être portés à une même hauteur à l'avant et à l'arrière du bac qui, de plus, doit porter sur ses côtés un feu vert à tribord et un feu rouge à bâbord. Ces derniers feux devront être visibles par nuit noire et ciel clair à une distance d'au moins deux milles. Ils doivent être disposés de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumbs du compas, c'est-à-dire depuis l'avant jusqu'à 2 quarts sur l'arrière du travers de chaque bord.

Ces feux de côté, vert et rouge, doivent être mis sur des boîtes ouvertes, ou écrans, dépassant le feu d'au moins trois pieds vers la proue, et construits de manière que le feu vert ne puisse pas être aperçu de bâbord avant et le feu rouge de tribord avant.

Feux que doivent porter les bateaux naviguant sur les canaux, lorsqu'ils sont remorqués par des navires à vapeur.

ARTICLE 12. Les bateaux naviguant sur les canaux doivent, lorsqu'ils sont *remorqués un à la fois ou en tandem à l'arrière de navires à vapeur,* porter un feu vert du côté de tribord, un feu rouge du côté de bâbord et un petit feu blanc brillant à l'arrière.

Lorsque des bateaux naviguant sur les canaux sont *remorqués à l'aide d'une haussière sur plusieurs rangées,* de deux bateaux ou plus de front, le bateau se trouvant à tribord de chaque rangée doit porter un feu de côté vert à tribord, et le bateau se trouvant à bâbord de chaque rangée doit porter un feu de côté rouge à bâbord; cependant que chacun des bateaux se trouvant aux extrémités de la dernière rangée doit, en outre, porter à l'arrière un petit feu blanc brillant.

When *two canal boats are towed alongside of a steamer,* one on the starboard and one on the port side, the starboard boat shall carry a green light on the starboard side and the port boat shall carry a red light on the port side.

The *coloured side-lights* referred to in these rules for canal boat in tow of steam vessels shall be fitted with inboard screens, so as to prevent them from being seen across the bow, and of such a character as to be visible on a dark night, with a clear atmosphere, at a distance of at least 2 miles, and so constructed as to show a uniform and unbroken light over an arc of the horizon of 10 points of the compass, and so fixed as to throw the light from right ahead to 2 points abaft the beam on either side. The minimum size of glass globes shall not be less than 6 inches in diameter and 5 inches high in the clear.

The *small bright white light aft* required to be carried on canal boats in tow shall not be visible forward of the beam.

Lights for water craft propelled by hand power, horse power, or by the current of the river.

RULE 13. *Any vessel propelled by hand power, horse-power, or by the current of the river,* navigating any bay, harbour, or river, or which shall be anchored or moored in or near the channel or fairway of any bay, harbour, or river, except rafts and rowing boats under oars, shall carry one white light forward not less than 8 feet above the surface of the water, which light shall be carried, from sunset to sunrise, in a lantern so fixed and constructed as to show a clear, uniform, and unbroken light, visible all around the horizon, and of such intensity as to be visible on a dark night with a clear atmosphere at a distance of at least 1 mile.

Rowing boats under oars shall have ready at hand a lantern showing a white light which shall be temporarily exhibited in sufficient time to prevent collision.

Lights for rafts.

RULE 14. Rafts propelled by hand power, horse-power, or by the current of the river, or in tow, or which shall be anchored or moored in or near a channel or fairway of other vessels, shall carry lights as follows:—

Rafts of one crib and not more than two in length shall carry one white light. Rafts of three or more cribs in length and one crib in width shall carry one white light at end of the raft. Rafts or more than one crib abreast shall carry one white light on each outside corner of the raft, making four lights in all.

Bag or boom rafts navigating or anchored in the fairway of any bay, harbour, or river shall carry a bright white light at each end of the raft, and one of such lights on each side midway between the forward and after ends.

The *white light* required by these rules for rafts shall be carried, from sunset to sunrise, in a lantern so fixed and constructed as to show a clear, uniform, and unbroken

Lorsqu'un bateau naviguant sur les canaux est *remorqué le long du bord* d'un vapeur du côté de tribord, ce bateau remorqué doit porter un feu de côté vert à tribord. Quand le bateau remorqué le long du bord d'un vapeur se trouve du côté de bâbord de ce vapeur, ce bateau remorqué doit porter un feu de côté rouge à bâbord.

Lorsque deux bateaux naviguant sur les canaux sont *remorqués le long des bords* d'un vapeur, l'un du côté de tribord et l'autre du côté de bâbord, le bateau à tribord doit porter un feu de côté vert à tribord et le bateau à bâbord un feu de côté rouge à bâbord.

Les feux de côté de couleur, dont il est question dans ce règlement lorsqu'il s'agit de bateaux naviguant sur des canaux, mais qui sont remorqués par des vapeurs, doivent être pourvus de boîtes ouvertes ou écrans construits de telle sorte que le feu vert ne puisse être aperçu de bâbord avant, et le feu rouge de tribord avant. Ces feux de côté doivent être établis de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumbs du compas, c'est-à-dire, depuis l'avant jusqu'à deux quarts sur l'arrière du travers de chaque bord. Ils doivent, en outre, être visibles à une distance d'au moins deux milles, par nuit noire et ciel clair. Les globes des fanaux contenant ces feux ne doivent pas avoir moins de 6 pouces de diamètre et être découverts sur une hauteur d'au moins 5 pouces.

Quant *au petit feux blanc brillant* de l'arrière que doivent porter les bateaux naviguant sur les canaux, lorsqu'ils sont remorqués, il ne doit pas être aperçu en avant du maître-bau.

Feux que doivent porter les bâtiments dont la progression est due à la force humaine, à celle de chevaux ou au courant d'un cours d'eau.

Article 13. *Tout navire dont la progression est due à la force humaine, à celle de chevaux ou au courant d'un cours d'eau,* qui navigue dans une baie, dans un port ou sur un cours d'eau, ou qui est mouillé ou amarré dans ou près d'un chenal ou passe, d'une baie, d'un port ou d'un cours d'eau, exception étant faite quant aux trains de bois flotté et aux embarcations marchant à l'aviron, doit montrer à l'avant, depuis le coucher du soleil jusqu'au moment où il se lève, un feu blanc brillant, porté dans un fanal établi à une distance d'au moins 8 pieds au-dessus de la surface de l'eau, de manière à projeter tout autour de l'horizon une lumière claire à une distance d'au moins 1 mille, par nuit noire et ciel clair.

Les embarcations marchant à l'aviron doivent toujours avoir prêt un fanal garni. pour feu blanc, qui, au besoin, doit être montré assez à temps pour prévenir tout abordage.

Feux que doivent porter les trains de bois flotté.

Article 14. Les trains de bois flotté dont la progression est due à la force humaine, à celle de chevaux ou au courant d'un cours d'eau, ou qui sont remorqués, ou mouillés, ou amarrés dans ou près d'une passe ou chenal fréquenté par des navires, doivent porter les feux suivants:—

Les trains de bois flotté longs d'une part (crib) ou de deux parts au plus, doivent porter un feu blanc. Les trains de bois flotté longs de trois parts ou plus et de la largeur d'une part doivent porter un feu blanc à chacune des extrémités du train. Quant aux trains de bois flotté ayant une largeur supérieure à celle d'une part, dans le sens de leur progression, ils doivent porter un feu blanc à chacun de leurs angles extérieurs, c'est-à-dire, quatre feux en tout.

Les trains de bois flotté contenus dans une panne (boom) et qui se déplacent ou sont mouillés dans la passe d'une baie, dans un port, ou sur une rivière, doivent porter un feu blanc brillant à chacune de leurs extrémités, et un feu semblable sur chacun de leurs côtés, à mi-distance entre la tête et la queue de chaque train.

Tout *feu blanc* dont cet article du règlement exige la présence sur les trains de bois flotté, depuis le coucher du soleil jusqu'au moment où il se lève, doit être émis par

light, visible all around the horizon, and of such intensity as to be visible on a dark night with a clear atmosphere at a distance of at least 1 mile; which lights shall be suspended from poles of such height that the light shall be not less than 8 feet above the surface of the water.

Lights and day marks for vessels not under command.

RULE 15. A vessel which from any accident is not under command shall carry at the same height as the white light mentioned in rule 2 (*a*), where they can best be seen, and, if a steam vessel, in lieu of that light, 2 red lights, in a vertical line, one over the other, not less than 6 feet apart, and of such a character as to be visible all around the horizon at a distance of at least 2 miles; and shall by day carry in a vertical line one over the other not less than six feet apart, where they can best be seen, 2 black balls or shapes each 2 feet in diameter.

Rules prohibiting the carrying of unauthorized lights on steam vessels.

RULE 16. No master or pilot of any steam vessel shall authorize or permit to be carried, any light, electric, or otherwise, not required by these rules, on the outside structure of the cabin or hull of the vessel that in any way will interfere with distinguishing the signal lights.

Rule relating to the use of Search-Lights.

RULE 17. No master or pilot of any steam vessel shall flash or cause to be flashed the rays of the searchlight into the pilot house of any passing vessel.

FOG SIGNALS.

RULE 18. A steam vessel shall be provided with an efficient whistle, sounded by steam or by some substitute for steam, placed before the funnel not less than eight feet from the deck, or in such other place where the sound will not be intercepted by an obstruction and of such character as to be heard in ordinary weather at a distance of at least two miles, and with an efficient bell, and it is hereby made the duty of inspectors of steam vessels when inspecting the same to see that each steamer is furnished with such whistle and bell. A sailing vessel shall be provided with an efficient fog-horn and with an efficient bell.

Whenever there is thick weather by reason of fog, mist, falling snow, heavy rainstorms, or other causes, whether by day or by night, fog signals shall be used as follows:—

(*a*) A steam vessel under way, excepting only a steam vessel with raft in tow, shall sound at intervals of not more than one minute three distinct blasts of her whistle.

(*b*) Every vessel in tow of another vessel shall, at intervals of one minute, sound four bells on a good and efficient and properly placed bell as follows: By striking the bell twice in quick succession, followed by a little longer interval, and then again striking twice in quick succession (in the manner in which four bells is struck in indicating time).

(*c*) A steamer with a raft in tow shall sound at intervals of not more than one minute a screeching or Modoc whistle for from three to five seconds.

un fanal suspendu à une perche, de telle manière que le feu se trouve à une distance d'au moins 8 pieds au-dessus de l'eau, le fanal devant être établi de manière à projeter tout autour de l'horizon une lumière claire et ininterrompue, à une distance d'au moins 1 mille, par nuit noire et ciel clair.

Feux et voyants pour navires ne gouvernant pas.

ARTICLE 15. Tout navire qui par suite d'un accident ne gouverne pas, doit porter à la même hauteur que le feu blanc mentionné à l'article 2 (*a*) à l'endroit le plus apparent et si c'est un navire à vapeur au lieu dudit feu, deux feux rouges verticaux disposés l'un au-dessus de l'autre à une distance d'au moins 6 pieds, de manière à projeter une lumière visible tout autour de l'horizon à une distance d'au moins deux milles; et durant le jour il doit porter deux formes ou ballons noirs verticaux, de 2 pieds de diamètre chacun, à l'endroit le plus apparent et à une distance d'au moins 6 pieds l'un au-dessus de l'autre.

Il est défendu de porter sur les navires à vapeur des feux non autorisés.

ARTICLE 16. Nul capitaine ou pilote d'un navire à vapeur ne doit autoriser ou permettre de porter à l'extérieur des cabines ou de la coque de son bâtiment, un feu électrique ou autre non autorisé par ce règlement, et qui pourrait de quelque façon empêcher de bien reconnaître les feux de signaux du bord.

Article concernant l'emploi des projecteurs.

ARTICLE 17. Nul capitaine ou pilote d'un navire à vapeur ne doit projeter ou faire projeter les rayons d'un projecteur lumineux sur le kiosque du pilote d'un navire qu'il rencontre.

SIGNAUX DE BRUME.

ARTICLE 18. Tout navire à vapeur doit être pourvu d'un bon sifflet à vapeur, ou d'un bon dispositif analogue, établi en avant de la cheminée à une distance d'au moins huit pieds au-dessus du pont, ou à tel autre endroit du bâtiment où les ondes sonores émises ne soient pas interceptées par des obstacles; la construction de ce sifflet doit être telle que par temps ordinaire le son qu'il émet puisse être entendu à une distance d'au moins deux milles. Tout vapeur doit, en outre, être pourvu d'une bonne cloche. Par les présentes il est enjoint aux inspecteurs des bateaux à vapeur de se rendre compte, au cours de leurs inspections, de la présence à bord de tout navire: du sifflet et de la cloche susmentionnés. Tout voilier doit être pourvu d'un bon cornet à bouquin et d'une bonne cloche.

Lorsque de jour ou de nuit le temps est gros, par suite de brume, de brouillard, de neige, de forte pluie, ou de toute autre cause, on doit faire les signaux suivants:—

(*a*) Tout navire à vapeur faisant route, doit, sauf s'il remorque un train de bois flotté, donner à intervalles ne dépassant pas une minute, trois sons distincts de son sifflet.

(*b*) Tout navire remorqué par un bâtiment doit, à intervalles d'une minute, piquer quatre coups de cloche sur une bonne cloche convenablement placée, et ce de la manière suivante: frapper deux coups brefs successifs, suivis d'un intervalle de temps un peu plus long, puis deux autres coups brefs successifs (ainsi qu'on le fait pour piquer les quatre coups de cloche de l'heure à bord).

(*c*) Tout vapeur qui remorque un train de bois flotté doit, à intervalles ne dépassant pas une minute, donner un coup de sifflet perçant—sifflet Modoc,—long de trois à cinq secondes.

(*d*) A sailing vessel under way and not in tow shall sound at intervals of not more than one minute—

If on the starboard tack with wind forward of a beam, one blast of her fog-horn;

If on the port tack with wind forward of the beam, two blasts of her fog-horn;

If she has the wind abaft the beam on either side, three blasts of her fog-horn.

(*e*) Any vessel at anchor and any vessel aground in or near a channel or fairway shall at intervals of not more than two minutes ring the bell rapidly for three to five seconds.

(*f*) Vessels of less than ten tons registered tonnage, not being steam vessels, shall not be obliged to give the above-mentioned signals, but if they do not they shall sound a fog horn, or equivalent signal, at intervals of not more than one minute.

(*g*) Produce boats, fishing boats, rafts, or other water craft navigating by hand power or by the current of the river, or anchored or moored in or near the channel or fairway and not in any port, and not otherwise provided for in these rules, shall sound a fog-horn, or equivalent signal, at intervals of not more than one minute.

Speed to be moderate in fog, and so forth.

RULE 19. Every vessel shall, in thick weather, by reason of fog, falling snow, heavy rainstorms, or other causes, go at *moderate speed.* A steam vessel hearing, apparently not more than four points from right ahead, the fog-signal of another vessel shall at once reduce her speed to bare steerageway, and navigate with caution until the vessels shall have passed each other.

STEERING AND SAILING RULES.

Preliminary.

Risk of collision can, when circumstances permit, be ascertained by carefully watching the compass bearing of an approaching vessel. If the bearing does not appreciably change, such risk should be deemed to exist.

Sailing vessels.

RULE 20. When two sailing vessels are approaching one another so as to involve risk of collision one of them shall keep out of the way of the other, as follows, namely:—

(*a*) A vessel which is running free shall keep out of the way of a vessel which is closehauled.

(*b*) A vessel which is closehauled on the port tack shall keep out of the way of a vessel which is closehauled on the starboard tack.

(*c*) When both are running free, with the wind on different sides, the vessel which has the wind on the port side shall keep out of the way of the other.

(*d*) When they are running free, with the wind on the same side, the vessel which is to windward shall keep out of the way of the vessel which is to leeward.

(*d*) Tout voilier faisant route, sans être remorqué, doit, à intervalle ne dépassant pas une minute: (s'il a ses amures à tribord et le vent sur l'avant du travers, donner un son de son cornet à bouquin). (S'il a ses amures à bâbord et le vent sur l'avant du travers, donner deux sons de son cornet à bouquin.) (S'il a le vent sur l'arrière du travers de l'un ou de l'autre bord, donner trois sons de son cornet à bouquin.)

(*e*) Tout navire au mouillage ou échoué dans ou près d'un chenal ou d'une passe doit à intervalles ne dépassant pas deux minutes, frapper des coups de cloche rapides pendant un laps de temps variant de trois à cinq secondes.

(*f*) Les navires, non à vapeur, qui jaugent moins de dix tonneaux nets, ne sont pas tenus de faire les signaux susmentionnés, toutefois s'ils ne font pas ces signaux, ils doivent faire un signal phonique quelconque à même d'être entendu, et qui soit répété à des intervalles de silence ne dépassant pas une minute.

(*g*) Les bateaux transportant des denrées, les bateaux de pêche, les trains de bois flotté et autres bâtiments, dont la progression est due à la force humaine ou au courant d'un cours d'eau, ou ceux qui sont mouillés ou amarrés dans ou près d'un chenal ou passe ne se trouvant pas dans un port, et pour lesquels aucun signal n'aurait été spécialement déterminé dans ce règlement, doivent donner des sons à l'aide d'un cornet à bouquin ou autre instrument analogue, à des intervalles de silence ne dépassant pas une minute.

Diminution de vitesse par temps brumeux, etc.

ARTICLE 19. Tout navire doit marcher à une *vitesse modérée,* lorsque le temps est gras (*thick weather*), c'est-à-dire lorsque l'horizon n'est pas entièrement visible, par suite de brume, de brouillard, de neige, d'une forte pluie ou de toute autre cause. Tout vapeur qui entend le signal phonique de brume d'un autre navire, provenant apparemment des quatre quarts d'un bord ou de l'autre de son avant (avant du navire entendant le son), doit immédiatement modérer sa vitesse, n'en conservant que juste assez pour obéir à l'action du gouvernail, et naviguer avec précaution jusqu'à ce que les deux bâtiments se soient dépassés.

RÈGLES DE NAVIGATION.

Notions préliminaires.

Risques d'abordage.—On peut s'assurer des risques d'abordage, lorsque les circonstances le permettent, en guettant soigneusement l'orientation d'un navire qui approche. Si cette orientation ne change pas sensiblement, ces risques sont censés exister.

Navires à voiles.

ARTICLE 20. Lorsque deux navires à voiles s'approchent l'un de l'autre de manière qu'il y ait risque d'abordage, l'un d'eux doit s'écarter de la route de l'autre, comme suit, savoir:—

(*a*) Tout navire qui a du largue doit s'écarter de la route d'un navire qui est au plus près.

(*b*) Tout navire qui est au plus près et a les amures à bâbord, doit s'écarter de la route d'un navire qui est aussi au plus près mais qui a les amures à tribord.

(*c*) Lorsque deux navires à voiles ont du largue et reçoivent le vent sur des côtés différents, celui qui reçoit le vent à bâbord doit s'écarter de la route de celui qui le reçoit à tribord.

(*d*) Lorsque deux navires à voiles ont du largue et reçoivent le vent du même côté, celui qui est au vent doit s'écarter de la route de celui qui est sous le vent.

Steam vessels.

SIGNALS.

RULE 21. In all weathers every steam vessel under way in taking any course authorized or required by these rules shall indicate that course by the following SIGNALS on her whistle, to be accompanied, whenever required, by corresponding alteration of her helm; and every steam vessel receiving a signal from another shall promptly respond with the same signal or sound the danger signal as provided in Rule 22:—

One blast means: "I am directing my course to starboard," except when two steamers are approaching each other at right angles or obliquely, other than when one steamer is overtaking another, one short blast signifies intention of steamer which is to starboard of the other to hold course and speed.

Two blasts mean: "I am directing my course to port."

RULE 22. If, when steamers are approaching each other, the pilot of either vessel fails to understand the course or intention of the other, whether from signals being given or answered erroneously, or from other causes, the pilot so in doubt shall immediately signify the same by giving the DANGER SIGNAL of five or more short and rapid blasts of the whistle; and if both vessels shall have approached within half a mile of each other, both shall be immediately slowed to a speed barely sufficient for steerageway, and, if necessary, stopped and reversed, until the proper signals are given, answered, and understood, or until the vessels shall have passed each other.

RULE 23. Steam vessels are forbidden to use what has become technically known among pilots as "CROSS SIGNALS"—that is, answering one whistle with two, and answering two whistles with one. In all cases, and under all circumstances, a pilot receiving either of the whistle signals provided in the rules, which for any reason he deems injudicious to comply with, instead of answering it with a cross signal, shall at once sound the danger signal and observe the rule applying thereto (Rule 22).

RULE 24. The SIGNAL FOR PASSING, by the blowing of the whistle, shall be given and answered by pilots in compliance with these rules, not only when meeting "head and head," or nearly so, but at all times when passing or meeting at a distance within a half mile of each other, and whether passing to the starboard or port.

Situations.

RULE 25. When steamers are APPROACHING EACH OTHER "HEAD AND HEAD," OR NEARLY SO, it shall be the duty of each steamer to pass on the port side of the other; and the pilot of either steamer may be first in determining to pursue this course, and thereupon shall give, as a signal of his intention, one short and distinct blast of his whistle, which the pilot of the other steamer shall answer promptly by a similar blast of his whistle, and thereupon such steamers shall pass on the port side of each other. But if the courses of such steamers are so far on the starboard of each other as not to be considered by pilots as meeting "head and head," or nearly so, the pilot so first deciding shall immediately give two short and distinct blasts of his whistle, which the pilot of the

Navires à vapeur.

SIGNAUX.

ARTICLE 21. Par tous les temps tout vapeur faisant route doit, en prenant une route autorisée ou exigée par ce règlement, indiquer cette route à l'aide des *signaux* suivants, faits à l'aide de sons de son sifflet, signaux qui selon les besoins du moment doivent être immédiatement suivis de la manœuvre correspondante de la barre. Tout vapeur qui perçoit le signal phonique d'un autre navire doit y répondre par le même signal, ou donner les sons du signal du danger, tels que mentionnés à l'article 22 de ce règlement.

Un coup de sifflet signifie: " Je me dirige sur tribord ", excepté s'il s'agit de deux vapeurs qui s'approchent l'un de l'autre à angle droit ou obliquement, mais non de deux vapeurs dont l'un atteindrait l'autre. Un coup de sifflet bref signifie que le vapeur qui se trouve à tribord de l'autre entend poursuivre sa route sans ralentir sa marche.

Deux coups de sifflet signifient: " Je me dirige sur bâbord."

ARTICLE 22. Si lorsque deux vapeurs s'approchent l'un de l'autre, l'homme de barre de l'un d'eux manque de comprendre la route que l'autre navire suit, ou a l'intention de suivre, soit que les signaux aient été mal faits ou mal compris, ou pour tout autre raison, l'homme de barre qui est dans le doute doit immédiatement faire part de son doute en faisant le signal *du danger,* c'est-à-dire, en donnant cinq coups de sifflet brefs, ou plus; que, si les deux navires se sont approchés l'un de l'autre à une distance d'un demi-mille, tous deux doivent alors ralentir leur marche de manière à pouvoir tout juste gouverner, et, si nécessaire, ils doivent stopper et renverser leur marche jusqu'à ce que les signaux convenables aient été faits, qu'il y ait été répondu, et qu'on les ait compris, ou jusqu'à ce que les navires se soient dépassés réciproquement.

ARTICLE 23. Il est défendu aux navires à vapeur de faire ce qu'on est convenu de nommer en termes techniques, parmi les navigateurs, des *signaux contraires " cross-signals,"* c'est-à-dire, répondre à un coup de sifflet par deux coups de sifflet, et à deux coups de sifflet par un coup de sifflet. Dans tous les cas et en toutes circonstances où un homme de barre entend un des coups de sifflet mentionnés dans ce règlement, et dont pour une raison quelconque il juge à propos de ne pas tenir compte, il doit au lieu de répondre par un signal contraire faire immédiatement le signal du danger et observer les dispositions prescrites ci-dessus (article 22).

ARTICLE 24. Les signaux phoniques au sifflet que doit faire un navire voulant en dépasser un autre, doivent être faits par les hommes de barre en conformité de ce règlement, et on doit y répondre aussi en conformité de ce règlement, non seulement lorsque deux navires se rencontrent faisant route " l'un sur l'autre " ou presque. mais en tout temps lorsque deux bâtiments se dépassent ou se rencontrent à un demi-mille l'un de l'autre, et ceci soit qu'un navire passe à tribord ou à bâbord de l'autre.

Position des bâtiments.

ARTICLE 25. Lorsque deux vapeurs *marchent " l'un sur l'autre ",* ou presque, chacun d'eux doit passer à bâbord de l'autre, et l'homme de barre de l'un ou de l'autre de ces bâtiments peut être le premier à se décider à manœuvrer de la sorte, en conséquence de quoi il doit faire le signal notifiant son intention, c'est-à-dire, donner un son bref et distinct de son sifflet à vapeur, auquel l'homme de barre de l'autre vapeur doit répondre promptement par un pareil coup de sifflet, et les deux vapeurs doivent alors passer à bâbord l'un de l'autre; que si les routes suivies par les deux vapeurs se trouvent tellement à tribord l'une de l'autre que les hommes de barre soient d'avis que les deux navires ne marchent pas " *l'un sur l'autre* ", ou presque, l'homme de barre qui le premier en arrive à cette conclusion doit donner immédiatement deux sons nets de son sifflet, auxquels l'homme de barre de l'autre navire doit répondre promptement par

other steamer shall answer promptly by two similar blasts of his whistle, and they shall pass on the starboard side of each other: *Provided, however,* That in all NARROW CHANNELS where there is a current, and in the rivers Saint Mary, Saint Clair, Detroit, Niagara, and Saint Lawrence, when two steamers are meeting, the descending steamer shall have the right of way, and shall, before the vessels shall have arrived within the distance of one-half mile of each other, give the signal necessary to indicate which side she elects to take.

In the night, steamers will be considered as meeting "head and head" so long as both the coloured lights of each are in view of the other.

RULE 26. Whenever a steamer is NEARING A SHORT BEND OR CURVE in the channel, where, from the height of the banks or other cause, a steamer approaching from the opposite direction can not be seen for a distance of half a mile, the pilot of such steamer, when he shall have arrived within half a mile of such curve or bend, shall give a signal by one long blast of the whistle, which signal shall be answered by a similar blast given by the pilot of any steamer within hearing that may be approaching on the other side, and within half a mile of such bend or curve. Should such signal be so answered by a steamer upon the farther side of such bend, then the usual signals for meeting and passing shall immediately be given and answered; but, if the first signal of such pilot be not answered, he is to consider the channel clear and govern himself accordingly.

RULE 27. When a STEAMER IS MOVED FROM ITS DOCK OR BERTH, and other steamers are liable to approach such steamer from any direction, such steamer and any approaching steamer shall give the same signals as in case of steamers meeting at a bend; but immediately after clearing the dock or berth so as to be fully in sight they shall be governed by the rules for passing.

RULE 28. When one STEAMER IS OVERTAKING ANOTHER, and the pilot of a steamer which is astern shall desire to pass on the right or starboard hand of the steamer ahead, he shall give one short blast of the whistle, as a signal of such desire and intention, and shall put his helm to port; or if he shall desire to pass on the left or port side of the steamer ahead, he shall give two short blasts of the whistle as a signal of such desire and intention, and shall put his helm to starboard, and the pilot of the steamer ahead shall answer by the same signals; or if he does not think it safe for the steamer astern to attempt to pass at that point, he shall immediately signify the same by giving five or more short and rapid blasts of the whistle, and under no circumstances shall the steamer astern attempt to pass the steamer ahead until such time as they have reached a point where it can be safely done, when said steamer ahead shall signify her willingness by blowing the proper signals. The boat ahead shall in no case attempt to cross the bow or crowd upon the course of the passing steamer.

Every vessel coming up with another vessel from any direction more than two points abaft her beam—that is, in such a position, with reference to the vessel which she is overtaking, that at night she would be unable to see either of that vessel's side lights—shall be deemed to be *an overtaking vessel*; and no subsequent alteration of the bearing between the two vessels shall make the overtaking vessel a crossing vessel

deux coups de sifflet pareils, et les deux navires doivent alors passer à tribord l'un de l'autre. Il est *toutefois stipulé* que dans tous les *chenaux étroits* où il existe un courant, et sur les rivières Sainte-Marie, Saint-Clair, Détroit, Niagara, et le fleuve Saint-Laurent, lorsque deux vapeurs se rencontrent le vapeur qui descend le cours d'eau a le droit de passage et doit, avant que les deux navires ne se trouvent à une distance d'un demi-mille l'un de l'autre, faire le signal de rigueur pour indiquer de quel côté de l'autre navire il a l'intention de passer. La nuit on doit admettre que deux vapeur "*marchent l'un sur l'autre*", tant que les deux feux de couleur de l'un sont aperçus de l'autre.

ARTICLE 26. Quand un vapeur suit un chenal et s'approche *d'un coude accentué ou courbe de la voie d'eau,* dont la nature élevée de la rive, ou tout autre cause, empêche que ledit navire puisse apercevoir un vapeur venant vers lui en sens opposé à une distance d'un demi-mille, l'homme de barre ainsi tenu dans l'ignorance de ce qui se passe au delà de la courbe, doit, lorsque son navire arrive à un demi mille d'une telle courbe, donner un son long de son sifflet, signal auquel doit répondre par un signal pareil l'homme de barre de tout vapeur qui l'aurait entendu et marcherait à un demi-mille dudit coude ou courbe dans le sens opposé du bâtiment ayant fait le premier signal. Quand la réponse du long coup de sifflet est convenablement donnée par le navire dont on supposait la présence derrière l'obstacle, les deux navires s'approchant l'un de l'autre doivent faire immédiatement les signaux d'appel et de réponse que se font habituellement les vapeurs qui se rencontrent. Si l'homme de barre qui a fait le premier signal à l'approche d'une courbe ne reçoit pas de réponse, il est en droit de supposer que le chenal est libre et de gouverner en conséquence.

ARTICLE 27. Quand un *vapeur se déplace en quittant son bassin ou son poste d'amarrage* et que d'autres vapeurs peuvent avoir à s'en approcher en venant d'une direction quelconque, le vapeur qui se déplace et tout vapeur s'en approchant doivent faire les signaux que font les vapeurs qui se rencontrent sur le coude d'une voie d'eau; mais dès que le vapeur quittant son bassin ou son poste d'amarrage se trouve en pleine vue, on doit faire les signaux que le règlement exige des bâtiments qui se rencontrent normalement.

ARTICLE 28. Quand *deux vapeurs étant en marche l'un d'eux atteint l'autre* et que l'homme de barre du vapeur se trouvant en arrière désire passer à droite, c'est-à-dire, à tribord du vapeur se trouvant en avant, il doit donner un son bref de son sifflet, afin de signaler son désir et son intention; il doit mettre sa barre à bâbord; et s'il désire passer à gauche, c'est-à-dire à bâbord du vapeur en avant de lui, il doit donner deux sons brefs de son sifflet, afin de signaler son désir et son intention et il doit mettre la barre à tribord, cependant que l'homme de barre du vapeur se trouvant en avant doit répondre en faisant le même signal, que, si ce dernier homme de barre est d'avis qu'il n'est pas prudent que le vapeur le suivant essaye de le dépasser sur ce point de leur route, il doit immédiatement en faire part au bâtiment en arrière en donnant cinq sons brefs et rapides ou plus de son sifflet, le vapeur en arrière ne devant alors dans aucun cas essayer de dépasser le vapeur qui se trouve en avant de lui, et ce jusqu'au moment où les deux vapeurs ont atteint un point de leur route où l'un peut dépasser l'autre sans danger, alors que le vapeur se trouvant en avant signifiera à l'autre qu'il consent à être dépassé en faisant les signaux convenables. Dans aucun cas le navire en avant ne doit essayer de couper la route de celui qui le suit ou le gêner en trop se portant de son côté.

Tout navire qui en atteint un autre sous une direction de plus de deux quarts sur l'arrière de son travers, c'est-à-dire, qui se trouve dans une position telle, relativement au navire atteint, que pendant la nuit il ne pourrait apercevoir ses feux de côté, est censé être un navire qui *en atteint un autre;* quelque soit le changement subséquent de la route des deux navires celui qui atteint l'autre ne peut, d'après ce règlement, prétendre avoir le droit de couper la route du navire se trouvant en avant, ou être exempté du devoir de parer le navire atteint, jusqu'à ce que celui-ci soit passé et hors de danger.

within the meaning of these rules, or relieve her of the duty of keeping clear of the overtaken vessel until she is finally passed and clear.

As by day the overtaking vessel can not always know with certainty whether she is forward of or abaft this direction from the other vessel she should, if in doubt, assume that she is an overtaking vessel and keep out of the way.

RULE 29. IN ALL CHANNELS LESS THAN FIVE HUNDRED FEET IN WIDTH, no steam vessel shall pass another going in the same direction unless the steam vessel ahead be disabled or signify her willingness that the steam vessel astern shall pass, when the steam vessel astern may pass, subject, however, to the other rules applicable to such a situation. And when steam vessels proceeding in opposite directions are about to meet in such channels, both such vessels shall be slowed down to a moderate speed, according to the circumstances.

RULE 30. When two steamers are APPROACHING EACH OTHER AT RIGHT ANGLES OR OBLIQUELY SO AS TO INVOLVE RISK OF COLLISION, other than when one steamer is overtaking another the steamer which has the other on her own port side shall hold her course and speed; and the steamer which has the other on her own starboard side shall keep out of the way of the other by directing her course to starboard so as to cross the stern of the other steamer, or, if necessary to do so, slacken her speed or stop or reverse. The steamer having the other on her own port bow shall blow one blast of her whistle as a signal of her intention to cross the bow of the other, holding her course and speed, which signal shall be promptly answered by the other steamer by one short blast of her whistle as a signal of her intention to direct her course to starboard so as to cross the stern of the other steamer or otherwise keep clear.

If from any cause whatever the conditions covered by this situation are such as to prevent immediate compliance with each other's signals, the misunderstanding or objection shall be at once made apparent by blowing the danger signal, and both steamers shall be stopped, and backed if necessary, until signals for passing with safety are made and understood.

RULE 31. When two steam vessels are meeting end on, or nearly end on, so as to involve risk each shall alter her course to starboard, so that each shall pass on the port side of the other.

RULE 32. When two steam vessels are crossing so as to involve risk of collision the vessel which has the other on her own starboard side shall keep out of the way of the other.

RULE 33. When a STEAM VESSEL AND A SAILING VESSEL are proceeding in such directions as to involve risk of collision the steam vessel shall keep out of the way of the sailing vessel.

RULE 34. Where, by any of the rules herein prescribed, one of two vessels shall keep out of the way, the other shall keep her course and speed.

RULE 35. Every steam vessel which is directed by these rules to keep out of the way of another vessel shall, on approaching her, if necessary, slacken her speed or stop or reverse.

RULE 36. Notwithstanding anything contained in these rules every vessel overtaking any other shall keep out of the way of the overtaken vessel.

RULE 37. In obeying and construing these rules due regard shall be had to all DANGERS OF NAVIGATION AND COLLISION and to any SPECIAL CIRCUMSTANCES which may render a departure from the above rules necessary in order to avoid immediate danger.

Or, comme pendant le jour le navire qui en atteint un autre ne peut pas toujours savoir avec certitude s'il a dépassé ou non la direction mentionnée ci-dessus par rapport à l'autre navire, il doit dans le doute, présumer qu'il se trouve être positivement un navire qui en atteint un autre et parer la route de ce dernier.

ARTICLE 29. *Dans tous les chenaux ayant moins de cinq cents pieds de largeur* aucun navire à vapeur n'est autorisé à en dépasser un autre marchant dans la même direction, à moins que le vapeur se trouvant en avant ne soit désemparé ou n'ait signifié qu'il consent à ce que le navire à vapeur se trouvant derrière lui le dépasse, auquel cas ce dernier peut le dépasser pourvu, néanmoins, qu'il observe les dispositions du règlement auxquelles il est sujet dans ce cas. Lorsque deux navires à vapeur font route en sens opposé et sont sur le point de se rencontrer sur un chenal ayant moins de cinq cents pieds de largeur, ces deux navires doivent ralentir leur marche et marcher à une vitesse modérée, en tenant compte des circonstances.

ARTICLE 30. Lorsque deux navires à vapeur *s'approchent l'un de l'autre à angle droit ou obliquement, au risque d'un abordage,* de nature différente de celui pouvant se produire dans le cas d'un vapeur qui en atteint un autre, le vapeur qui a l'autre vapeur à bâbord ne doit ni modifier sa route ni ralentir sa marche, et le vapeur qui a l'autre vapeur à tribord doit se déranger pour ce dernier, et gouverner sur tribord de manière à couper la route de l'autre vapeur à l'arrière de celui-ci, ou, si nécessaire, ralentir sa marche, ou stopper ou renverser sa marche. Le vapeur qui a l'autre par le bossoir de bâbord doit donner un son de son sifflet, pour signaler qu'il a l'intention de couper sa route en passant devant lui, et le vapeur qui fait ce signal doit poursuivre sa route et ne pas ralentir sa marche. A ce signal l'autre vapeur doit répondre promptement pas un son bref de son sifflet, pour signaler qu'il a l'intention de gouverner sur tribord de manière à couper la route de l'autre vapeur en passant en arrière de lui ou qu'il entend éviter tout danger d'abordage.

Si pour une raison quelconque l'état de choses considéré dans cet article est tel qu'il empêche d'obéir immédiatement aux manœuvres imposées par les signaux échangés entre les deux vapeurs, la méprise ou l'objection se présentant doivent être notifiées en faisant donner au sifflet le son propre au signal du danger, et les deux vapeurs doivent stopper et faire machine en arrière, si c'est nécessaire, jusqu'à ce que les signaux devant permettre de passer en toute sécurité soient compris.

ARTICLE 31. Lorsque deux navires sous vapeur courent l'un sur l'autre ou à peu près, et qu'il y a risque d'abordage, tous deux doivent venir sur tribord pour passer à bâbord l'un de l'autre.

ARTICLE 32. Si deux navires sous vapeur font des routes qui se croisent et les exposent à s'aborder, celui qui voit l'autre par tribord doit manœuvrer de manière à ne pas gêner la route de ce dernier.

ARTICLE 33. Si deux navires, l'un à voiles, l'autre sous vapeur, font des routes qui les exposent à s'aborder, le navire sous vapeur doit manœuvrer de manière à ne pas gêner la route du navire à voiles.

ARTICLE 34. Lorsque, d'après les articles de ce règlement, un navire doit s'écarter de la route d'un autre navire, celui-ci doit poursuivre sa route sans ralentir sa marche.

ARTICLE 35. Tout navire qui d'après les articles de ce règlement doit se déranger pour un autre navire, doit en l'approchant, si nécessaire, ralentir sa marche, ou stopper ou faire machine en arrière.

ARTICLE 36. Nonobstant tout ce qui est contenu au présent règlement, tout navire qui en atteint un autre, doit se déranger pour le navire qu'il atteint.

ARTICLE 37. En se conformant aux articles de ce règlement et en les interprétant il faut tenir compte de tous *les dangers de la navigation,* et avoir égard à toutes les *circonstances particulières* qui peuvent rendre nécessaire une dérogation aux dispositions de ce règlement, afin de parer à un péril immédiat.

RULE 38. Nothing in these rules shall exonerate any vessel, or the owner or master or crew thereof, from the consequences of any neglect to carry lights or signals, or of any neglect to keep a proper lookout, or of a neglect of any precaution which may be required by the ordinary practice of seamen, or by the special circumstances of the case.

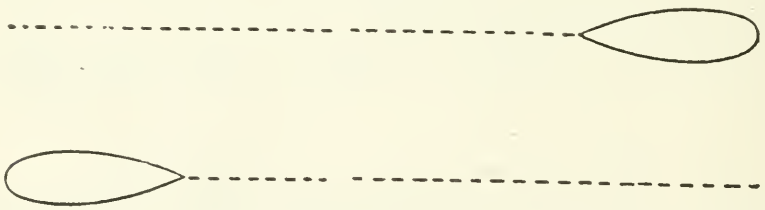
Diagrams.

The following diagrams are intended to illustrate the working of the system of coloured lights and pilot rules:—

First Situation.

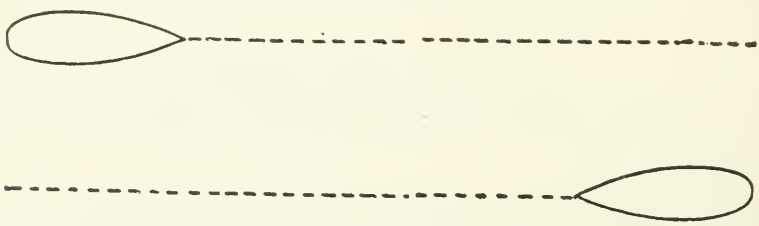
Here the two coloured lights visible to each will indicate their direct approach "head and head" toward each other. In this situation it is a standing rule that both shall put their helms to port and pass on the port side of each other, each having previously given one blast of the whistle.

Second Situation.



In this situation the red light only will be visible to each, the screens preventing the green lights from being seen. Both vessels are evidently passing to port of each other, which is rulable in this situation, each pilot having previously signified his intention by one blast of the whistle.

Third Situation.



In this situation the green light only will be visible to each, the screens preventing the red light from being seen. They are therefore passing to starboard of each other, which is rulable in this situation, each pilot having previously signified his intention by two blasts of the whistle.

ARTICLE 38. Rien dans les articles de ce règlement ne saurait affranchir un navire quel qu'il soit, son propriétaire, son capitaine ou son équipage, des conséquences d'une omission de porter des feux ou signaux, d'un défaut de surveillance convenable, ou, enfin, d'une négligence quelconque des précautions commandées par la pratique ordinaire de la navigation ou par les circonstances particulières de la situation.

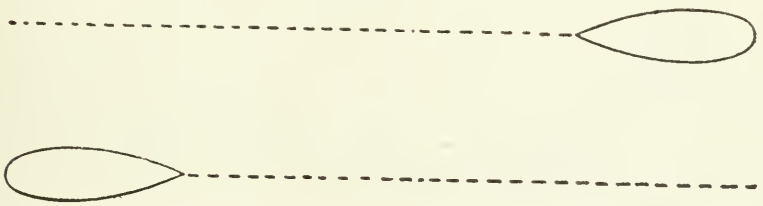
Diagrammes.

Les diagrammes suivants ont pour but de permettre d'interpréter la signification des feux de couleur et les règles qui doivent guider les hommes de barre.

Première position.

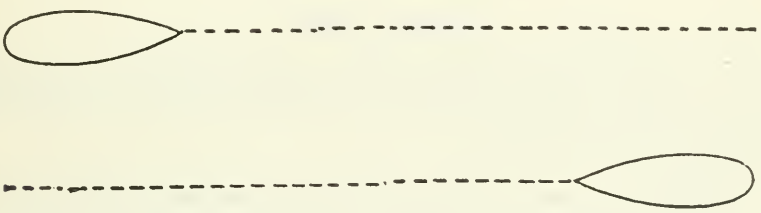
Dans ce cas les deux feux de couleur visibles de chacun des navires, indiquent qu'ils "courent l'un sur l'autre" en droite ligne. Dans cette position il est de règle établie que chaque navire doit mettre sa barre à bâbord et passer à bâbord de l'autre bâtiment, chacun d'eux ayant au préalable donné un son de son sifflet.

Deuxième position.



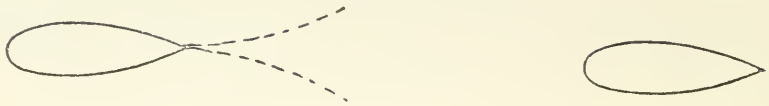
Dans ce cas chacun des navires ne peut voir que le feu rouge de l'autre, les écrans empêchant de voir les feux verts. Chacun des navires passe évidemment à bâbord de l'autre, ce qui est de règle. Dans cette position, chaque homme de barre doit au préalable signifier son intention de ce faire en donnant un son de son sifflet.

Troisième position.



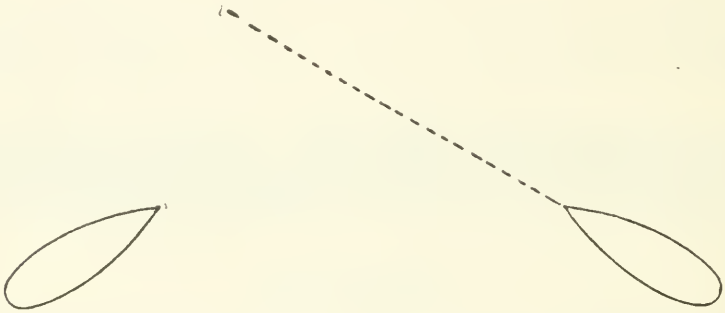
Dans ce cas chacun des navires ne peut voir que le feu vert de l'autre, les écrans empêchant de voir les feux rouges. Chacun des navires passe évidemment à tribord de l'autre, ce qui est de règle dans cette position, et chaque homme de barre doit au préalable signifier son intention de ce faire en donnant deux sons de son sifflet.

Fourth Situation.



In this situation one steamer is overtaking another steamer from some point within the angle of two points abaft the beams of the overtaken steamer. The overtaking steamer may pass on the starboard or port side of the steamer ahead after the necessary signals for passing have been given, with assent of the overtaken steamer, as prescribed in rule 28.

Fifth Situation.



In this situation two steamers are approaching each other at right angles or obliquely *in such manner as to involve risk of collision,* other than where one steamer is overtaking another.

The steamer which has the other on her own *port* side shall hold course and speed, and the other shall keep clear by crossing astern of the steamer that is holding course and speed, or, if necessary to do so, shall slacken her speed or stop or reverse.

Both steamers shall otherwise observe the provisions of rule 30 with respect to the signals for passing and the danger signal.

Rules pohibiting unnecessary sounding of the steam whistle.

Rule 39. No licensed officer in charge of any steamer shall authorize or permit unnecessary sounding of the steam whistle.

Distress signals

Rule 40. When a vessel is in distress and requires assistance from other vessels or from the shore, the following shall be the signals to be used or displayed by her, either together or separately, viz.:—

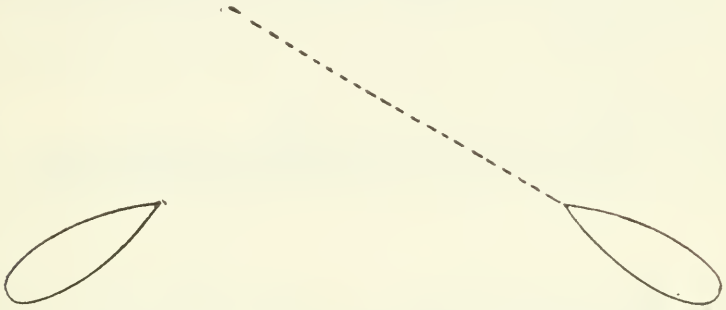
In the daytime:—

1. A gun or other explosive signal fired at intervals of about a minute.
2. The International Code signal of distress indicated by N.C.
3. The distant signal, consisting of a square flag, having either above or below it a ball or anything resembling a ball.
4. A continuous sounding with any fog-signal apparatus.

Quatrième position.

Dans ce cas un des deux vapeurs atteint l'autre vapeur d'un point situé dans l'angle des 2 quarts sur l'arrière du travers de chaque bord du navire atteint. Le navire qui atteint l'autre peut passer à tribord ou à bâbord de celui-ci qui se trouve en avant de lui, mais il doit d'abord faire les signaux nécessaires pour le dépasser, et ce avec le consentement du navire qui est atteint, les signaux étant ceux prescrits à l'article 28.

Cinquième position.



Dans ce cas deux vapeurs s'approchent l'un de l'autre à angle droit ou obliquement de *manière à encourir des risques d'abordage,* autres que s'il s'agissait d'un vapeur en atteignant un autre.

Le vapeur qui a l'autre à *bâbord* doit poursuivre sa route sans ralentir sa marche et l'autre se déranger en coupant la route du premier en arrière de celui-ci, qui poursuit sa route sans ralentir sa marche, ou, si c'est nécessaire, le navire qui se dérange doit ralentir sa marche, stopper, ou faire machine en arrière.

Que s'il en était autrement, chacun des deux vapeurs doit observer les dispositions de l'article 30 ayant trait aux signaux à faire pour passer et à ceux pour éviter tout danger.

Défense de donner des coups de sifflet inutiles.

ARTICLE 39. Aucun officier breveté chargé d'un vapeur ne doit autoriser ou permettre de donner des coups de sifflet à vapeur inutiles.

Signaux de détresse.

ARTICLE 40. Lorsqu'un navire est en détresse et a besoin du secours d'autres navires, ou de la terre, les signaux suivants doivent être faits par ce navire, soit ensemble, soit séparément, savoir:—

Pendant le jour:—

1. Un coup de canon ou autre signal par explosion, tiré à des intervalles d'environ une minute;
2. Le signal de détresse indiqué par N.C. dans le Code International des signaux;
3. Le signal éloigné, fait à l'aide d'un pavillon carré ayant soit au-dessus soit au-dessous un ballon ou quelque chose ressemblant à un ballon;
4. Un son continu produit par un appareil de signal de brume.

At night:—

1. A gun or other explosive signal fired at intervals of about a minute.
2. Flame from the vessel (as from burning a tar barrel, oil barrel, etc.).
3. Rockets, or shells, throwing stars of any colour or description, fired one at a time, at short intervals.
4. A continuous sounding with any fog-signal apparatus.

Rules concerning motor boats.

PRELIMINARY.

In the following rules the words "motor boat" shall include every vessel propelled by machinery and not more than sixty-five feet in length except tug-boats and tow-boats propelled by steam. The length shall be measured from end to end over the deck excluding sheer.

RULE 41. That motor boats subject to the provision of these rules shall be divided into classes as follows:—

Class one. Less than twenty-six feet in length.

Class two. Twenty-six feet or over and less than forty feet in length.

Class three. Forty feet or over and not more than sixty-five feet in length.

RULE 42. That every motor boat in all weathers from sunset to sunrise shall carry the following lights, and during such time no other lights which may be mistaken for those prescribed shall be exhibited.

(*a*) Every motor boat of class one shall carry the following lights:—

First. A white light aft to show all around the horizon.

Second. A combined lantern in the fore part of the vessel and lower than the white light aft showing green to starboard and red to port, so fixed as to throw the light from right ahead to two point abaft the beam on their respective sides.

(*b*) Every motor boat of classes two and three shall carry the following lights:—

First. A bright white light in the fore part of the vessel as near the stem as practicable, so constructed as to show an unbroken light over an arc of the horizon of twenty points of the compass, so fixed as to throw the light ten points on each side of the vessel, namely, from right ahead to two points abaft the beam on either side. The glass or lens shall be of not less than the following dimensions:—

Class two. Nineteen square inches.

Class three. Thirty-one square inches.

Second. A white light aft to show all around the horizon.

Third. On the starboard side a green light so constructed as to show an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side. On the port side a red light so constructed as to show an unbroken light over an arc of the horizon of ten points of the compass so fixed as to throw the light from right ahead to two points abaft the beam on the port side. The glasses or lenses in the said side-lights shall be of not less than the following dimensions on motor boats of—

Pendant la nuit:—

1. Un coup de canon ou autre signal par explosion, tiré à des intervalles d'environ une minute;

2. Des flammes sur le navire, telles que produites par la combustion d'un baril à goudron ou à huile, etc.;

3. Des fusées ou bombes tirées une à la fois à de courts intervalles, et projetant en l'air des étoiles de couleur ou d'aspect varié;

4. Un son continu produit par un appareil de signal de brume.

Dispositions concernant les bateaux à moteur.

NOTIONS PRÉLIMINAIRES.

Dans les articles suivants du présent règlement l'expression "bateaux à moteur" comprend tout bateau pour la progression duquel on emploie des machines, et qui n'a pas plus de soixante-cinq pieds de longueur. Mais on fait exception pour les remorqueurs dont la vapeur assure la progression. La longueur du bateau doit être mesurée de l'une à l'autre des extrémités sur le pont, dont on ne tiendra pas compte de la tonture.

ARTICLE 41. Les bateaux à moteur que visent les dispositions de ce règlement appartiennent aux catégories suivantes:—

Première catégorie: bateaux de moins de 26 pieds de longueur.

Deuxième catégorie: bateaux de 26 pieds ou plus de longueur et de moins de 40 pieds de longueur.

Troisième catégorie: bateaux de 40 pieds ou plus de longueur mais dont la longueur ne dépasse pas 65 pieds.

ARTICLE 42. Tout bateau à moteur doit par tous les temps depuis le coucher du soleil jusqu'au moment où il se lève, montrer les feux suivants à l'exclusion de tous autres feux pouvant être confondus avec ceux que le règlement prescrit de montrer.

(*a*) Tout bateau à moteur de la première catégorie doit porter les feux suivants:—

Premièrement: un feu blanc à l'arrière disposé de manière à projeter tout autour de l'horizon une lumière claire.

Deuxièmement: un fanal à combinaison que l'on doit placer à l'avant du bateau, plus bas que le feu blanc de l'arrière et pouvant montrer un feu vert sur tribord et un feu rouge sur bâbord, établi de manière à projeter une lumière ininterrompue verte à tribord depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord, et un feu rouge sur bâbord établi de manière à projeter une lumière ininterrompue rouge à bâbord depuis l'avant jusqu'à deux quarts sur l'arrière du travers à bâbord.

(*b*) Tout bateau à moteur de la deuxième catégorie et de la troisième catégorie, doit porter les feux suivants:—

Premièrement: Un feu blanc brillant à l'avant du bateau et aussi près de l'étrave que possible, disposé de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de vingt quarts ou rumbs du compas, soit dix quarts de chaque côté du bateau, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers de chaque bord. Le verre ou la lentille du fanal de ce feu ne doit pas avoir des dimensions inférieures aux suivantes:—

Pour la deuxième catégorie: Dix-neuf pouces carrés;

Pour la troisième catégorie: Trente et un pouces carrés.

Deuxièmement: Un feu blanc à l'arrière disposé de manière à projeter tout autour de l'horizon une lumière claire.

Troisièmement: A tribord, un feu vert établi de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de dix quarts ou rumbs du compas c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord. A bâbord un feu rouge établi de manière à projeter une lumière ininterrompue sur

Class two. Sixteen square inches.

Class three. Twenty-five square inches.

On and after March first, nineteen hundred and seventeen, all glasses or lenses prescribed by paragraph (b) of Rule 42 shall be fresnel or fluted. The said lights shall be fitted with inboard screens of sufficient height and so set as to prevent these lights from being seen across the bow and shall be of not less than the following dimensions on motor boats of—

Class two. Eighteen inches long.

Class three. Twenty-four inches long: *Provided,* That motor boats as defined in these Rules, when propelled by sail and machinery or under sail alone, shall carry the coloured lights suitably screened but not the white lights prescribed by this Rule.

RULE 43. (*a*) Every motor boat under the provisions of these Rules shall be provided with a whistle or other sound-producing mechanical appliance capable of producing a blast of two seconds or more in duration, and in the case of such boats so provided a blast of at least two seconds shall be deemed a prolonged blast within the meaning of these Rules.

(*b*) Every motor boat of class two or three shall carry an efficient fog-horn.

(c) Every motor boat of class two or three shall be provided with an efficient bell, which shall be not less than eight inches across the mouth on board of vessels of class three.

Rule 44 repealed by Order in Council of the 29th June 1916.

RULE 45. The foregoing Rules shall be in full force and effect on and after the first day of March, nineteen hundred and sixteen, and shall supersede all Rules of the Road for the Great Lakes, etc., previously adopted.

tout le parcours d'un arc de l'horizon de dix quarts ou rumbs du compas, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à bâbord. Les verres ou lentilles des fanaux de ces feux de côté ne doivent pas avoir des dimensions inférieures aux suivantes sur les bateaux à moteur:—

Deuxième catégorie: Seize pouces carrés.

Troisième catégorie: Vingt-cinq pouces carrés.

Le et après le 1er mars mil neuf cent dix-sept, tous les verres ou lentilles exigés par le paragraphe (*b*) de l'article 42 devront être du type fresnel ou à cannelures. Les feux susdits doivent être établis sur des boîtes ouvertes ou écrans de hauteur suffisante, et disposés de façon que les feux ne puissent être vus du bossoir opposé. Ils ne doivent pas avoir de dimensions inférieures aux suivantes, savoir, sur les bateaux à moteurs de:—

Deuxième catégorie: Dix-huit pouces de longueur.

Troisième catégorie: Vingt-quatre pouces de longueur. Il est *pourvu* que les bateaux à moteur, tels que définis dans ce règlement, doivent porter des feux de couleurs convenables, avec écrans, mais non les feux blancs prescrits dans cet article, lorsque ces bateaux emploient pour leur progression des voiles et des machines ou seulement des voiles.

Article 43. (*a*) D'après les dispositions de ce règlement, chaque bateau à moteur doit être pourvu d'un sifflet ou autre dispositif mécanique pouvant donner des sons de signaux, et à même de donner un son de deux secondes ou plus de durée. Dans le cas des bateaux ainsi pourvus, un son d'au moins deux secondes de durée sera considéré comme un son long, en tant que peuvent le signifier les dispositions de ce règlement.

(*b*) Tout bateau à moteur de la deuxième catégorie ou de la troisième catégorie, doit porter un cornet à bouquin ne laissant rien à désirer.

(*c*) Tout bateau à moteur de la deuxième catégorie et de la troisième catégorie, doit être pourvu d'une bonne cloche: qui ne doit pas avoir moins de huit pouces de diamètre à sa partie la plus évasée, lorsque cette cloche se trouve à bord de bateaux appartenant à la troisième catégorie.

Article 44: rescindé par un ordre en Conseil du 29 juin 1916.

Article 45. Le présent règlement aura force et effet à partir du 1er mars mil neuf cent seize inclusivement, et il remplacera tout règlement existant antérieurement, pour prévenir les abordages sur les Grands lacs, etc.

STEAM VESSELS

VAPEURS

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered tonnage. — Tonnage enregistré	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c.-v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
134420	A. B. B.	Vancouver	1912	Steveston, B.C.	35 0	8 8	3 0	11	7	1 sc.	Albert B. Bettes, Vancouver, B.C.
138006	A. B. Conmee	Port Arthur	1917	Port Arthur, Ont.	81 0	20 0	11 8	133	62	31 sc.	Canadian Towing & Wrecking Co., Limited, Port Arthur, Ont.
88639	A. B. Cook	St. Catharines	1885	Port Robinson, Ont.	54 4	12 0	6 6	34	23	13 sc.	Robert Weddel, Trenton, Ont.
97014	A. D. Cross	St. Catharines	1897	Port Colborne, Ont.	49 0	16 0	8 9	47	32	11 sc.	John J. Harrigan, Port Dalhousie, Ont.
129491	A. E. McKinstry⊙	Montreal	1910	Port Glasgow, G.B.	250 4	42 7	18 3	1,999	1,190	150 sc.	Can. Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.
116385	A. F. Bowman	Port Arthur	1906	Collingwood, Ont.	76 0	22 0	12 0	113	77	52 sc.	Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
77820	A. H. Jennie	Toronto	1882	Port Rowan, Ont.	119 0	21 1	9 3	197	121	.....	Mrs. Agnes M. Britnell, Toronto, Ont.
130635	*A. J. Wheaton*	St. John, N.B.	1912	St. John, N.B.	29 2	9 5	4 9	10	7	2 sc.	Allen John Wheaton, St. John, N.B.
130675	*A. L. Conrad*	Lunenburg	1911	Tancook, N.S.	40 4	10 6	5 2	12	11	½ sc.	N. McDonald and E. McDonald, Stonehurst, N.S.
130668	*A. L. Maillet*	Richibucto	1916	St. Louis, N.B.	36 0	11 0	5 0	13	11	1 sc.	Arthur L. Maillet, St. Louis, N.B.
100303	A. M. Petrie	Hamilton	1892	Hamilton, Ont.	50 0	10 0	4 9	20	13	1 sc.	James Garrett, Herring Bay, Algoma, Ont.
126632	A. R. Hellen	Vancouver	1909	Adams Lake, B.C.	123 5	26 8	4 9	331	209	9 pa.	Adams River Lumber Co., Limited, Chase, B.C.
96873	A. V. Crawford	Port Stanley	1891	Goderich, Ont.	72 0	15 7	7 2	51	35	20 sc.	C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.
90767	A. Chambers	Goderich	1888	Goderich, Ont.	55 7	14 0	5 2	23	16	30 sc.	John McCormick, Tp. of Pelee, Ont.
130262	A. Ferguson	Ottawa	1909	Simcoe, Ont.	42 0	11 0	3 7	35	22	2 pa.	John R. Booth, Ottawa, Ont.
133944	*A. Laflamme*	Ottawa	1914	Calumet, Que.	48 0	13 6	2 8	19	12	1 sc.	Alphonse Laflamme, Calumet, Qué.
138491	A. McVittie	Montreal	1890	Detroit, Mich., U.S.A.	249 2	41 5	14 3	1,458	945	109 sc.	Montreal Transportation Co., Ltd., Montreal, Que.
138262	A. Tremblay	Quebec	1916	Matane, P.Q.	111 5	28 2	10 4	245	147	24 sc.	Ulric Tremblay, M.O., Matane, Que.
131031	*Abegweit*	Vancouver	1912	Steveston, B.C.	30 0	9 5	3 1	6	6	3 sc.	Henry Curtis Shaw, Vancouver, B.C.
134565	Abel	New Westminster	1913	Annieville, B.C.	30 0	9 2	4 4	10	6	1 sc.	Jens Gunderson, New Westminster, B.C.
92740	Abeona	Toronto	1889	Toronto, Ont.	89 0	15 7	5 5	46	31	22 sc.	Harry Oldfield, Parry Sound, Ont.
100659	Aberdeen	Kingston	1894	Westport, Ont.	51 0	8 4	4 2	13	9	6 sc.	Thomas G. McWain, Deseronto, Ont.
103554	Aberdeen	Montreal	1895	Sorel, Qué.	79 3	18 3	9 0	87	55	43 sc.	Harbour Commissioners, Montreal, Que.
103227	Aberdeen ⊙	Ottawa	1894	Paisley, G.B.	180 0	31 1	16 9	674	274	200 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
94924	Aberdeen	Picton, Ont.	1894	Picton, Ont.	99 6	22 0	8 7	142	87	30 sc.	The Ontario & Quebec Navigation Co., Ltd., Picton, Ont.
100675	Aberdeen	Vancouver	1893	Vernon, B.C.	146 2	29 9	6 8	554	349	17 pa.	Canadian Pacific Railway Co., Montreal, Que.
97007	Abino	St. Catharines	1894	Fort Erie, Ont.	41 3	10 3	3 8	8	5	7 sc.	Chas. Williams and Rich. B. Kickup, Sturgeon Falls, Ont.
100395	Acacia	Hamilton	1893	Hamilton, Ont.	92 4	19 4	6 6	107	73	7 sc.	Wallaceburg Sugar Co., Ltd., Wallaceburg, Ont.
92488	Acadia	Montreal	1887	Hantsport, N.S.	72 0	21 3	6 8	74	67	31 sc.	Michael J. O'Brien, Renfrew, Ont.
133535	Acadia ⊙	Ottawa	1913	Newcastle-on-Tyne, G.B.	170 0	33 7	19 1	846	439	177 sc.	The Minister of the Naval Service, Ottawa, Ont.
131173	*Accrescent*	Lunenburg	1912	Lunenburg, N.S.	43 8	10 8	5 4	12	11	¾ sc.	Robin Jones & Whitman, Ltd., Halifax, N.S.
126078	Achates	Vancouver	1908	Vancouver, B.C.	100 0	22 9	11 5	209	142	43 sc.	Achates Tow Boat Co. Ltd., Vancouver, B.C.
[2] 111652	Actaea	Montreal	1894	Poughkeepsie, NY, USA.	46 0	9 5	4 1	11	8	4 sc.	Andrew F. Gault, Montreal, Qué.
122301	*Active*	Lunenburg	1907	Lunenburg, N.S.	53 8	16 4	7 6	35	34	1 sc.	Frank Young, Pleasant Harbour, N.S.
94894	Active	Vancouver	1889	New Westminster, B.C.	116 0	20 7	10 3	172	119	50 sc.	Canadian Tugboat Co., Ltd., Vancouver, B.C.

100367	Activity	Quebec	1892	Lévis, Qué	44 6	12 8	5 2	22	9	25 sc...	E. A. D. Morgan, Montreal, Que.
138026	Aetress	Kenora	1910	French Portage, Ont	36 0	8 0	3 5	12	8	1 sc...	William H. Boucha, Kenora, Ont.
88665	Ada	Chatham, N.B	1884	Chatham, N.B	32 0	6 3	3 0	4	2	5 sc...	The Saint John River Log Driving Co., Devon, N.B.
75642	Ada Alice	Toronto	1879	Port Dalhousie, Ont	66 5	13 2	4 0	60	41	10 sc...	Levi R. Fraser, Bracebridge, Ont.
134198	Adaline V	Sault Ste. Marie	1913	Spanish, Ont	54 0	13 4	6 8	45	27	14 sc...	James W. Vance, Spanish, Ont.
122332	*Adam*	Vancouver	1907	Vancouver, B.C	45 0	12 0	5 7	24	16	5 sc...	H. Bell-Irving Co., Ltd., Vancouver, B.C.
116927	Adam Hall	Victoria	1904	Arrowhead, B.C	112 0	20 1	6 7	145	55	26 sc...	The Canadian Pacific Co., Ltd., Port Moody, B.C.
130952	*Adamantine*	Lunenburg	1912	Hackett's Cove, N.S	40 3	10 4	5 4	11	10	1 sc...	Thomas and Herman Covey, Indian Harbour, N.S.
134430	*Addieleigh*	Vancouver	1914	Caulfield, B.C	36 2	8 8	3 6	9	6	2 sc...	John H. Devey, Caulfield, B.C.
116526	[2]*Adelaide*	Lunenburg	1905	Lunenburg, N.S	38 5	11 7	5 5	13	12	$\frac{5}{6}$ sc...	J. Francis Gray, M.O., Pennant, N.S.
107401	Adelaide	Montreal	1888	Morris Heights, N.Y. U.S.A.	30 0	6 0	2 8	3	2	— sc...	L. R. Dowker, Montreal, Que.
126143	Adelard	Sorel	1907	Yamaska, Que	46 5	9 5	3 4	17	10	1 sc...	Joseph Capistran, Yamaska, Que.
130538	Adelia S	Montreal	1911	St. Gabriel de Brandon, Que.	51 0	11 3	3 2	19	13	$1\frac{1}{2}$ sc...	St. Maurice Paper Co., Ltd., Montreal, Que.
130694	*Adelphi*	Vancouver	1911	Vancouver, B.C	37 7	11 2	5 5	11	9	1 sc...	Walter J. Thieke, Vancouver, B.C.
126759	*Adine*	Montreal	1909	Bath, Me., U.S.A	32 0	8 3	5 2	5	3	3 sc...	St. Maurice Construction Co., Ltd., Montreal, Que.
138060	*Admiral Beatty*	Chatham, N.B	1916	Chatham, N.B	63 0	18 4	8 0	51	39	4 sc...	Alex. Wilson, *et al.*, J. O., Miramichi River, N.B.
107973	*Admiral Togo*	Dorchester	1905	Port Greville, N.S	28 0	9 0	3 6	4	3	2 sc...	Edward Cole, Dorchester, N.B.
133802	*Adonia S*	Lunenburg	1913	Tancook, N.S	46 8	12 4	6 0	19	18	1 sc...	Charles and Daniel Flemming, Ketch Harbour, N.S.
103566	Adonis	Montreal	1890	Kingston, Ont	61 4	11 1	4 4	14	10	8 sc...	J. B. Tressider, Montreal, Que.
122325	*Adoraim*	Vancouver	1907	Vancouver, B.C	24 3	8 4	3 6	8	6	1 sc...	Gustave A. Roedde, Vancouver, B.C.
90702	Adrelexa	St. Catharines	1886	Port Robinson, Ont	61 0	10 3	4 6	20	14	2 sc...	Edward Adamson, Toronto, Ont.
88632	[1]Advance	Montreal	1884	St. Catharines, Ont	175 0	35 0	15 0	1,031	358	116 sc...	Montreal Transportation Co., Ltd., Montreal, Que.
90775	Advance	Windsor, Ont	1886	Windsor, Ont	48 8	15 1	4 0	72	49	20 sc...	Wm. A. Kennedy, Manitoulin, Ont.
126118	*Advocate*	Ottawa	1909	Lunenburg, N.S	68 4	19 8	8 6	61	50	3 sc...	The Minister of the Naval Service, Ottawa, Ont.
117154	Afton	New Westminster	1906	New Westminster, B.C	28 0	5 8	3 0	3	2	1 sc...	Thomas H. Goldie, New Westminster, B.C.
138117	*Aga*	New Westminster	1916	Port Guichon, B.C	40 5	8 1	4 8	10	7	1 sc...	H. J. F. Anderson, Port Guichon, B.C.
111807	[2]Agawa	Sault Ste. Marie	1902	Collingwood, Ont	379 0	46 0	26 0	3,759	2,468	151 sc...	The Algoma Central & Hudson Bay Ry. Co., Sault Ste. Marie, Ont.
126865	[3]Aggie B. Reid	Sault Ste. Marie	1897	Toledo, O., U.S.A	43 0	12 0	5 5	17	10	3 sc...	Robert C. Reid, Cockburn Island, Ont.
85325	Agnes	Owen Sound	1884	Meaford, Ont	50 0	13 7	6 0	23	16	30 sc...	W. W. Grant and Wm. Vance, Spanish River, Ont.
107362	Agnes	Toronto	1898	Toronto, Ont	55 0	9 2	3 9	14	10	1 sc...	John J. Power, Mattagami Heights, Ont.
116777	*Agnes*	Vancouver	1904	Ladners, B.C	26 0	6 6	2 4	3	2	$\frac{4}{5}$ sc...	Harry Abbott, Vancouver, B.C.
138176	*Agnes B*	Prince Rupert	1913	Ketchikan, Alaska, U.S.A.	33 2	11 4	4 4	11	9	1 sc...	Mrs. Jenny Fritz, *et al.*, Prince Rupert, B.C.
103697	Agnes C	Sault Ste. Marie	1887	Green Bay, Wis., U.S.A	47 0	9 0	5 0	20	10	— sc...	W. H. Plummer, Sault Ste. Marie, Ont.
138247	*Agnes G. R*	Lunenburg	1915	Tancook, N.S	38 5	9·8	5 4	11	10	1 sc...	Robt. Rafuse, Blandford, N.S.
77999	Agnes McMahon	Ottawa	1870	St. Catharines, Ont	96 0	15 3	6 4	81	47	50 sc...	Israel Clement, Montreal, Que.
131138	Agnes P	Ottawa	1913	Buckingham, Que	55 8	13 4	5 6	32	18	5 sc...	The Minister of Railways and Canals, Ottawa, Ont.
97110	[4]*Agnes W*	Port Burwell	1900	Erie, Pa., U.S.A	47 0	12 0	3 9	10	7	1 sc...	Carl Williams, Port Burwell, Ont.
134660	*Agnes W. Dods*	Victoria	1914	Victoria, B.C	37 4	9 3	5 6	12	8	1 sc...	Walter A. Dods, Victoria, B.C.
111752	Agwinde	Kenora	1900	Kenora, Ont	105 0	22 5	4 0	307	143	6 sc...	Lawrence Budreau, Rainy River, Ont.
126518	Ah See	Victoria	1910	Coal Island, B.C	64 0	16 3	5 0	44	16	15 sc...	Ah See, Coal Island, B.C.
103672	Ahmic	Toronto	1896 1903	Gravenhurst, Ont Rebuilt	80 4	15 0	4 6	77	52	11 sc...	The Muskoka Lakes Navigation & Hotel Co., Ltd., Gravenhurst, Ont.
97047	Aid	Liverpool	1891	Liverpool, N.S	79 2	24 4	7 5	99	67	130 sc...	Alfred Dickie, Lower Stewiacke, N.S.
138062	Aid	Ottawa	1915	Rockland, Ont	60 0	17 0	4 8	45	26	3 pa...	W. C. Edwards & Co., Ltd., Ottawa, Ont.
134228	*Aida*	Montreal	1914	Montreal, Que	36 0	8 6	6 3	10	7	1 sc...	Thomas D. McGregor, Montreal, Que.
126764	*Ailsa*	Montreal	1909	Chiswick, Eng	21 2	5 6	2 4	2	1	1 sc...	Fred. L. Barlow, Montreal, Que.
122337	*Ailsa Craig*	Vancouver	1907	Vancouver, B.C	24 8	8 8	2 5	9	6	1 sc...	Pitt River Lumber Co., Ltd., Coquitlam, B.C.
116409	Aimé	Victoria	1899	Chemainus, B.C	38 0	9 0	3 2	9	6	3 sc...	G. Lawson, Victoria, B.C., and W. H. Fairbairn, Comox, B.C.
137953	*Aiolos*	Vancouver	1915	Vancouver, B.C	27 0	8 5	3 2	6	4	$\frac{1}{2}$ sc...	S. D. Skoolaremas and Andrew Fuller, J. O., Vancouver, B.C.
116789	*Airdrie*	Vancouver	1904	Steveston, B.C	35 0	11 1	3 3	9	6	1 sc...	C. F. Haslam, Vancouver, B.C.
126782	*Aiz*	New Westminster	1908	Port Essington, B.C	30 1	9 6	3 4	9	6	1 sc...	Harry E. Troup, Nanaimo, B.C.
111935	Ajax	Lindsay	1902	Bobcaygeon, Ont	54 0	14 6	6 1	33	23	50 sc...	W. F. C. Boyd, M.O., Bobcaygeon, Ont.
134412	*Akashi*	Vancouver	1914	Vancouver, B.C	35 0	8 3	3 4	7	5	1 sc...	Thomas H. Watts, Prince Rupert, B.C.
138614	*Akola*	Chatham, N.B	1917	Isaacs Harbour, N.S	60 0	16 4	6 0	25	16	2 sc...	Archie W. Piccott, St. John's, Nfld.
138297	Alakasla	Vancouver	1916	Jedediah Is., B.C	45 0	11 3	5 5	23	13	5 sc...	Frederick H. Chappell, Vancouver, B.C

[1]Formerly "Sir S. L. Tilley." [2]Formerly a sailing vessel. [3]Foreign name "Victor." [4]Foreign name "Neptune".

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

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Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c.-v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
134410	*Alamandine*	Lunenburg	1915	Hackett's Cove, N.S.	39 8	10 6	5 6	14	13	⅔ sc.	Arthur Fralick, Hacketts Cove, N.S.
107257	Alameda	New Westminster	1898	Lake Bennett, B.C.	50 0	12 0	2 5	32	20	2 pa.	John J. McKenna, Lake Bennett, B.C.
88660	Alameda	Yarmouth	1885 / 1887	Arcadia, N.S. / Yarmouth, N.S.	66 6	13 0	4 3	63	49	10 sc.	A. Strang, Cape Traverse, P.E.I.
122346	*Alan*	Toronto	1907	Byng Inlet, Ont.	29 0	9 0	3 3	6	4	1½ sc.	William H. Argue, Parry Sound, Ont.
126088	*Alanbee*	Vancouver	1908	Vancouver, B.C.	35 9	10 1	5 2	15	10	3 sc.	The Chief Commissioner of Lands, Victoria, B.C.
103484	Alarm	Vancouver	1893	Georgetown, B.C.	52 0	13 8	7 0	34	23	5 sc.	The Davis Logging & Trading Co., Ltd., Vancouver, B.C.
107673	Alaska	Quebec	1899	St. Nicholas, Que.	73 4	21 7	5 3	51	45	12 sc.	Cie Maritime et Commerciale du Bas St. Laurent, Ltée., Ellis Bay, Anticosti, Que.
130445	Alaskan	Vancouver	1886	Onetta, Ore, U.S.A.	96 5	19 0	7 1	150	102	13 sc.	George G. Bushby, Victoria, B.C.
134232	*Albacore*	Montreal	1914	Boston, Mass., U.S.A.	95 6	16 3	9 2	96	56	16 sc.	John K. L. Ross, Montreal, Que.
100622	Albani	Port Dover	1892	Simcoe, Ont.	36 3	7 6	3 5	5	4	1 sc.	Wm. Davis, Toronto, Ont.
133931	Albatross	Ottawa		Bristol, R.I., U.S.A.	60 2	9 2	5 1	19	13	5 sc.	Robert C. Henderson, St. John, N.B.
126886	Alberdyce	Vancouver	1910	Vancouver, B.C.	50 0	12 0	6 1	28	19	4 sc.	Merrill Desbrisay, Vancouver, B.C.
126855	Albert C.	Sorel	1911	Three Rivers, Que.	43 5	12 0	4 2	17	10	3 sc.	St. Lawrence Welding Co., Ltd., Montreal, Que.
111942	Albert Lea	New Westminster	1888	Jig Harbour, Wash., U.S.A.	42 8	8 8	4 9	19	13	2 sc.	Wallace Fisheries, Ltd., Vancouver, B.C.
116942	*Alberta*	Kenora	1904	Kenora, Ont.	20 0	5 0	2 0	2	1	½ sc.	D. L. Mather, Kenora, Ont.
85765	Alberta ⊙	Montreal	1883 / 1911	Whiteinch, G.B. / Collingwood, Ont.	309 7	38 2	23 3	2,829	2,377	166 sc.	Canadian Pacific Railway Co., Montreal, Que.
116603	Alberta	Montreal	1905	Sorel, Que.	96 4	17 7	6 9	125	62	42 sc.	La Compagnie Générale d'Entreprises Publiques, Lévis, Que.
116370	Alberta M.	Goderich	1907	Goderich, Ont.	69 3	15 0	6 5	38	26	10¾ sc.	Wm. John Keen and Joseph Millman, Blind River, Ont.
111433	Albion	Halifax	1902	Moser's River, N.S.	35 8	10 5	4 0	9	6	1 sc.	Alfred Dickie, Lower Stewiacke, N. S.
122650	[1]Alcedo	Ottawa	1905	Ballard, Wash. U.S.A.	69 7	16 8	7 6	70	47	16 sc.	The Minister of the Naval Service, Ottawa, Ont.
112043	Alcyon	Quebec	1901	Ste. Anne de Chicoutimi, Que.	63 4	13 9	4 5	44	30	4 sc.	E. Gagnon, Ste. Anne de Chicoutimi, Que.
100096	Alcyone	St. John, N.B.	1892	St. John, N.B.	36 7	9 1	4 3	15	10	30 sc.	Henry Eagle, Chatham, N.B.
137933	*Aldomi*	Vancouver	1911	Vancouver, B.C.	28 0	7 0	3 0	5	3	½ sc.	Edward Clapham, Point Grey, B.C.
133887	*Aleli*	Vancouver	1907	Everett, Wash., U.S.A.	49 3	9 7	2 3	14	9	2 sc.	Imperial Munitions Board, Ottawa, Ont.
116862	Alert	Ottawa	1904	Temiscamingue, Que.	68 3	12 4	5 2	53	26	10 sc.	Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
92421	Alert	Prescott	1886	Morrisburg, Ont.	64 0	14 4	5 0	50	35	9 sc.	The Minister of Railways and Canals, Ottawa, Ont.
90699	Alert	St. Catharines	1886	Port Robinson, Ont.	58 4	15 1	7 2	47	32	28 sc.	Montreal Transportation Co., Ltd., Montreal, Que.
86871	[2]Alert	Sydney, N.S.	1880	South Bristol, Me., U.S.A.	98 3	19 1	7 4	105	63	10 sc.	Norman McDonald, Sydney, N.S.
107529	Alert	Victoria	1899	New Denver, B.C.	31 5	6 7	3 0	3	2	1 sc.	Johnston & Carswell, Ltd., Long Lake, B.C.
107515	Alert	Victoria	1898	Linderman, B.C.	34 0	8 0	4 0	7	5	1 sc.	John J. McKenna, Lake Bennett, B.C.
94807	Alert	Victoria	1889	Victoria, B.C.	62 0	15 4	6 5	44	26	80 sc.	The Western Transport Co., Ltd., Nanaimo, B.C.

121774	Alert	Winnipeg	1905	Selkirk, Man.	55 0	12 0	5 5	28	19	8 sc...	The Northern Fish Co., Ltd., Selkirk, Man.
107748	Aletha	Kingston	1901	Kingston, Ont.	107 4	19 7	5 5	171	90	25 sc...	Canada Steamship Lines Ltd., Montreal, Que.
141193	*Aletha M.*	Vancouver	1918	Vancouver, B.C.	34 4	10 2	4 8	14	10	1⅔ sc..	John W. Chappell, Vancouver, B.C.
122559	Alex. Clark	Collingwood	1911	Collingwood, Ont.	91 2	18 3	8 8	99	65	29 sc...	Canadian Stewart Co., Ltd., Toronto, Ont.
96898	Alexander Fraser	Ottawa	1890	Pembroke, Ont.	140 0	41 0	7 5	320	174	23 pa..	Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
112153	Alexandra	Chatham, N.B.	1902	Chatham, N.B.	97 0	24 6	9 0	201	136	38 sc...	Miramichi Steam Navigation Co., Chatham, N.B.
116340	Alexandra	Ottawa	1903	Temiscamingue, Que.	148 0	45 4	8 1	417	280	96 pa..	Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
100598	[3]Alexandra	Sydney, N.S.	1889	Sorel, Que.	79 2	13 8	4 2	34	23	6 sc...	W. N. McDonald, Sydney, N.S.
107380	Alexandra	Sydney, N.S.	1902	Port Morien, N.S.	44 2	10 4	4 8	14	10	12 sc...	Robt. Spencer, Port Morien, N.S.
138225	*Alexandra I.*	Montreal	1904	Lachine, Que.	26 6	5 7	2 2	2	1	1 sc...	Gaston Lavigne, Montreal, Que.
111937	Alfred	Lindsay	1895	Lindsay, Ont.	48 5	19 0	4 6	89	61	35 pa..	A. L. Davis, Peterborough, Ont.
126193	[4]Alfred Clarke	Windsor, Ont.	1887	Saugatuck, Mich., U.S.A.	110 0	22 2	8 6	229	148	10 sc...	The Pelee & Lake Erie Navigation Co., Ltd., Pelee Island, Ont.
122578	Alfreda	Yarmouth	1907	Tusket Wedge, N.S.	44 0	12 3	6 0	15	10	6 sc...	Louis A. LeBlanc, M.O., Tusket Wedge, N.S.
116697	Algoma	Kenora	1904	Fort Frances, Ont.	56 0	14 0	5 5	69	47	3 sc...	The Rat Portage Lumber Co., Ltd., St. Boniface, Man.
111763	Algoma	Kingston	1901	Kingston, Ont.	36 6	8 4	3 4	5	3	10 sc...	Chas. W. Archer, Bracebridge, Ont.
111803	Algoma	Sault Ste. Marie	1901	Toronto, Ont.	104 0	26 3	11 0	157	107	54 sc...	International Transit Co., Sault Ste. Marie, Ont.
122076	Algonquin	Toronto	1906	Huntsville, Ont.	120 0	23 8	6 5	305	200	32 sc...	The Huntsville Lake of Bays & Lake Simcoe Navigation Co., Ltd., Huntsville, Ont.
103236	Alice	Ottawa	1894	Sorel, Que.	70 7	17 5	7 6	67	46	15 sc...	Howard A. Foster, St. Catharines, Ont.
103883	Alice	Ottawa	1896	Aylmer, Que.	31 0	8 3	3 0	3	2	3½ sc...	A. Whelan, Aylmer, Que.
111862	Alice	Ottawa	1901	Kippewa, Que.	70 8	13 4	5 0	48	34	10 sc...	J. R. Booth, Ottawa, Ont.
122260	Alice	Quebec	1907	Toronto, Ont.	125 5	25 8	10 8	403	239	54 sc...	The Minister of Agriculture, Ottawa, Ont.
117001	Alice A	Vancouver	1895	Portland, Ore., U.S.A.	38 0	7 6	2 6	9	6	1 sc...	A. A. Price and G. R. Cross, Gibson's Landing, B.C.
138122	*Alice C.*	New Westminster	1906	Dockton, Wash., U.S.A.	37 0	12 0	4 0	13	9	1 sc...	C. L. Packing Co., Ltd., New Westminster, B.C.
138246	*Alice E. L.*	Lunenburg	1912	West Dover, N.S.	38 6	9 8	5 4	11	10	1 sc...	Fred Morash, West Dover, N.S.
107169	Alice G	Collingwood	1902	Collingwood, Ont.	60 0	12 0	6 3	36	25	5 sc...	Dominion Fish Co., Ltd., Winnipeg, Man.
138562	*Alice and Hilda*	Shelburne	1917	Pubnico, N.S.	47 6	12 2	5 9	16	14	1½ sc...	Charles Rudolph, M.O., Lockeport, N.S.
133786	*Alice J.*	St. Andrews	1913	Wilson's Beach, N.B.	47 0	13 0	5 6	19	13	1 sc...	Connors Bros., Ltd., *et al.*, Blacks Harbour, N.B.
126019	*Alice Longmire*	Annapolis Royal	1916	Hillsburn N.S.	61 5	15 5	6 4	34	32	8 sc...	Bernard Longmire, M.O., Hillsburn, N.S.
116657	[5]*Alice M.*	Arichat	1904	Pubnico, N.S.	50 0	16 0	7 0	30	28	1 sc...	Remi Boudrot, M.O., Petit de Grat, N.S.
130578	[5]*Alice M. C.*	Lunenburg	1907	Indian Harbour, N.S.	38 0	10 6	5 4	12	11	1 sc...	A. P. Samson and Wm. Bouchie, River Bourgeoise, N.S.
122292	Alice Mattes	Prince Albert	1907	Prince Albert, Sask.	72 0	18 0	4 0	121	44	4 pa..	Prince Albert Lumber Co., Ltd., Prince Albert, Sask.
116659	Alice Maud	Yarmouth	1904	Shelburne, N.S.	65 0	14 3	6 6	45	30	16 sc...	Hilaire T. Le Blanc, Wedgeport, N.S.
126290	Alice R	St. John, N.B.	1909	The Range, N.B.	64 7	18 0	7 5	75	51	40 sc...	Miss Alma F. Gregory, St. John, N.B.
122036	[5]*Alice and Jennie*	Weymouth	1910	Whites Cove, N.S.	60 2	19 2	7 1	38	36	⅛ sc...	C. M. and A. R. Hicks, Westport, N.S.
134104	*Aliez (The)*	Vancouver	1913	Kamloops, B.C.	52 2	11 5	3 0	20	13	3 pa..	Northern Construction Co., Ltd., Winnipeg, Man.
141026	*Aliford Bay*	Vancouver	1918	Vancouver, B.C.	67 6	17 3	6 9	60	35	4 sc...	Maritime Fisheries, Ltd., Vancouver, B.C.
100757	Aligator	Toronto	1893	Pine Lake, Ont.	31 0	11 5	3 4	6	4	25 pa..	F. Baker, Barrie, Ont.
122324	*Alkali*	Vancouver	1904	Vancouver, B.C.	26 5	8 4	2 7	7	5	⅛ sc...	John A. McMillan, North Vancouver, B.C.
116722	Allan Sewell	St. John, N.B.	1904	Maugerville, N.B.	42 2	8 2	4 1	12	8	4 sc...	A. H. Sewell, Gibson, N.B.
134275	*Allanah*	Victoria	1912	Victoria, B.C.	26 4	6 9	3 0	4	2	1 sc...	Frederick A. Nickells, Victoria, B.C.
141206	*Alleman* [2]	Vancouver	1917	Vancouver, B.C.	35 0	10 2	5 7	14	9	1½ sc...	H. R. Whitman and G. F. Allen, J.O., Vancouver, B.C.
107367	Allena May	Toronto	1897	Walker's Point, Ont.	47 5	7 6	3 1	16	11	2 sc...	Walter Fowler, Medora, Muskoka, Ont.
133774	[6]*Alliance No. 1*	Prince Rupert	1894	Ballard, Wash., U.S.A.	44 3	12 4	5 6	18	9	2 sc...	Geo. W. Nickerson, Prince Rupert, B.C.
100414	Allie	Ottawa	1890	Brockville, Ont.	40 0	8 0	3 0	11	8	15 sc...	A. W. Jones and D. M. Jones, J.O., Ottawa, Ont.
137970	*Allies*	Montreal	1915	Montreal, Que.	21 4	5 0	2 0	2	1	¼ sc...	Joseph Viau, Montreal, Que.
133873	*Alloa*	Vancouver	1910	Vancouver, B.C.	35 5	9 9	4 4	15	10	2 sc...	Arch. McGougan and H. J. MacDonald, J.O., Vancouver, B.C.
130483	Alluvia	New Westminster	1911	New Westminster, B.C.	100 0	23 3	5 0	356	211	9 pa..	M. R. Cliff and E. T. McClennan, Vancouver, B.C.
112274	Alma	Montreal	1903	Sorel, Que.	54 7	12 3	6 0	43	29	3 sc...	Chas. Marcoux, Berthier, Que.
122415	Alma C	Midland	1906	Midland, Ont.	60 0	8 2	3 2	19	13	6 sc...	The Turner Lumber Co., Ltd., Toronto, Ont.
130175	[5]*Alma M.*	Lunenburg	1907	Tancook, N.S.	43 6	10 8	6 6	16	15	⅛ sc...	Henry Miller, Eastern Point, N.S.
131104	*Alouette*	Montreal	1912	Brockville, Ont.	30 4	6 1	2 5	3	2	1 sc...	B. A. C. Caldwell, Lanark, Ont.
116945	Alpha	Kenora	1902	Winnipeg, Man.	30 0	6 2	2 2	2	2	1 sc...	Young Men's Christian Association, Winnipeg, Man.
122603	*Alpha*	Kenora	1906	Hamilton, Ont.	23 0	6 3	3 8	2	2	⅛ sc...	John Alexander Johnston, Ignace, Ont.
107924	Alpha	New Westminster	.....	Juneau, Alaska, U.S.A.	30 0	8 5	6 0	10	7	4 sc...	Lewis McLauchlan, White Horse, Y.T.
111495	Alpha	Quebec	1900	Lévis, Que.	47 5	12 2	4 9	20	9	12 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.

[1]Foreign name "North." [2]Foreign name "George J. Stevens." [3]Formerly "Richelieu." [4]Foreign name "Saugatuck." [5]Formerly a sailing vessel.
[5]Foreign name "Yukon."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice. ⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c.-v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
122047	*Alpha*	St. Andrews	1906	St. Andrews, N.B	43 0	12 0	4 6	15	10	1 sc.	Connors Bros., Ltd., Black's Harbour, N.B.
116602	Alphonse Racine	Montreal	1904	Sorel, Que	79 2	18 6	10 1	121	69	42 sc.	Wm. B. Smith, Hamilton, Bermuda, B.W.I.
130314	Alporto	Toronto	1912	Gravenhurst, Ont.	85 1	13 9	5 9	101	79	7 sc.	John J. Beaumont, *et al.*, Muskoka ,Ont.
116790	*Alta*	Vancouver	1904	San Francisco, Cal., U.S.A.	32 0	7 7	2 8	9	6	1 sc.	Britannia Copper Syndicate, Ltd., Vancouver, B.C.
133771	*Altair*	Victoria	1913	Victoria, B.C.	21 0	4 8	2 2	1	1	⅔ sc.	Henry B. Round, Victoria, B.C.
111447	Alva	Ottawa	1901	Ottawa, Ont.	50 0	13 2	4 6	27	22	12 sc.	The Minister of Public Works, Ottawa, Ont.
130289	[1]Alva B.	St. Catharines	1896	Ashtabula, O., U.S.A.	62 7	15 8	6 9	53	36	7 sc.	James S. Jones, Port Maitland, Ont.
116319	Alva W.	Amherstburg	1908	Collingwood, Ont.	65 0	16 0	6 9	39	27	10 sc.	Brayton G. Westcott and Freeman S. Wright, J.O., Leamington, Ont.
137925	*Alvin*	Chatham, N.B.	1915	St. Louis, N.B.	35 0	10 3	4 5	11	10	⅝ sc.	Frederick Savoy, Escuminac, N.B.
130960	*Alvin S.*	Lunenburg	1912	Tancook, N.S.	53 2	14 6	7 6	29	27	1 sc.	Michael D. McDonald, *et al.*, J.O., Arisaig, N.S.
59929	Amanda	Quebec	1868	Island of Orleans, Que.	32 0	11 0	5 0	11	7	10 sc.	Hyacinthe Beaulieu, Lévis, Que.
121844	Amanda	Toronto	1903	Ahmic Harbour, Ont.	36 0	7 5	3 2	6	4	½ sc.	William Stewart, Tp. of Croft, Dist. Muskoka, Ont.
126689	*Amappah*	Montreal	1908	Hamilton, Ont.	51 2	10 9	7 6	26	18	7 sc.	James Wm. Duncan, Montreal, Que.
138602	*Ambrosia*	New Westminster	1917	Steveston, B.C.	41 0	9 8	4 2	15	11	1 sc.	C. L. Packing Co., Ltd., New Westminster, B.C.
126505	Amelia C	Victoria	1909	Kelowna, B.C.	33 0	8 0	3 0	4	3	1 sc.	John T. Campbell, Kelowna, B.C.
130271	Amelia Mac	Winnipeg	1910	Winnipeg, Man.	66 0	17 0	7 0	65	44	16 sc.	The Arctic Ice Co., Ltd., Winnipeg, Man.
100662	America	Kingston	1895	Kingston, Ont.	153 2	33 2	6 4	521	266	200 pa.	Canada Steamship Lines Limited, Montreal, Que.
122579	[2]Amerite	Liverpool	1907	Stony Is., N.S.	34 0	12 5	7 0	12	11	1 sc.	Ralph Leslie, Liverpool, N.S. and P. L. Leslie, Eagle Head, N.S.
78142	[3]Amherst	Charlottetown	1877	Preston, G.B.	113 0	18 5	10 5	138	94	66 sc.	Gulf Pulp & Paper Co., Quebec, P.Q.
122438	*Amigo*	Sault Ste. Marie	1907	Walkerville, Ont.	41 0	10 3	3 8	17	16	5 sc.	Mrs. M. J. Sims, Manitowaning, Ont.
122275	Amisk	Winnipeg	1909	Selkirk, Man.	64 0	13 0	4 5	32	21	2 sc.	S. E. S. and S. M. Sigurdson, J.O., Hnausa, Man.
126757	[4]*Amita*	Montreal	1910	Tetreaultville, Que.	29 0	8 2	5 6	9	6	2 sc.	George T. Hartt, Montreal, Que.
130517	*Amos B.*	Weymouth	1915	Grosses Coques, N.S.	46 6	12 2	5 6	14	12	3 sc.	Frank K. Warren, Halifax, N.S.
112121	Amphitrite	Lunenburg	1903	Mahone Bay, N.S.	111 2	25 6	10 2	149	84	24 sc.	Larder Brothers Wrecking Co., Ltd., Halifax, N.S.
138721	*Amudsen*	New Westminster	1917	New Westminster, B.C.	29 6	6 9	3 3	5	3	⅝ sc.	Christ Waag, Vancouver, B.C.
98073	Amur	Vancouver	1890	Sunderland, G.B.	216 0	28 1	17 9	907	570	150 sc.	Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.
111916	Amy	Toronto	1901	Cornwall, Ont.	55 2	15 7	7 2	40	27	10 sc.	The W. J. Poupore Co., Ltd., Montreal, Que.
121723	Amy	Vancouver	1906	Vancouver, B.C.	40 5	10 4	5 0	25	17	4 sc.	Edward J. Maynard and George L. Clayton, Prince Rupert, B.C.
126275	*Analine*	New Westminster	1909	New Westminster, B.C.	31 1	8 0	2 9	9	5	1 sc.	William C. and Herbert F. Miller, J.O., New Westminster, B.C.
126508	Anamoose	Victoria	1909	Kaslo, B.C.	70 3	23 0	5 8	68	46	4 sc.	Everett Cooke, Kaslo, B.C.
112182	Anchora	Toronto	1902	Kingston, Ont.	42 0	7 8	3 1	6	3	5 sc.	Robt. J. McKee, Toronto, Ont.
138299	[5]*Anchorite*	Vancouver	1913	Richardson, Wash., U.S.A.	39 0	13 0	4 2	16	11	1 sc.	Sidney Canning Co., Ltd., Sidney, B.C.
130745	[1]*Andante*	Vancouver	1911	Vancouver, B.C.	31 6	9 1	4 2	10	7	1½ sc.	G. B. Ehrenborg, Vancouver, B.C.

130879	*Anderina*	New Westminster	1913	Saturna Island, B.C.	31	0	8	2	4	3	12	7	1 sc.	Arthur D. Drummond, Vancouver, B.C.
126331	Andover	Vancouver	1908	Kamloops, B.C.	91	3	19	9	4	0	177	111	8 pa.	Arrow Lakes Lumber Co., Ltd., Arrowhead, B.C.
117031	Andrew J. Smith	Sault Ste. Marie	1893	Manitowoc, Wis., U.S.A.	117	0	23	6	8	6	387	209	52 sc.	Mrs. Angelina Lyons, Sault Ste. Marie, Ont.
134033	*Andy*	Victoria	1912	Lillooet, B.C.	50	5	10	5	3	4	13	9	3 sc.	John Wm. Stewart, Vancouver, B.C.
107512	Anglian	Victoria	1898	Teslin Lake, B.C.	85	0	20	6	4	5	161	114	5 pa.	British Yukon Navigation Co., Ltd., Vancouver, B.C.
138211	Angouleme ⊙	Montreal	1917	Toronto, Ont.	251	0	43	5	25	5	2,716	1,663	151 sc.	Donald Steamship Co., Ltd., Montreal, Que
134243	Animay	Toronto	1912	Barnsdale, Ont.	39	3	7	6	3	9	15	5	1 sc.	Chas. E. Woodroffe, Barnsdale, Ont.
103054	Anita	Halifax	1894	Tusket Wedge, N.S.	55	9	12	9	6	4	27	12	10 sc.	Tug Anita Limited, Halifax, N.S.
133816	*Anita P.*	Lunenburg	1913	Blandford, N.S.	41	4	10	4	5	9	13	12	½ sc.	Clarence Publicover, M.O., Blandford, N.S.
126645	Anko	Port Dover	1914	Port Dover, Ont.	63	0	13	8	6	6	38	26	4 sc.	C. W. Barwell and Paul C. Robinson, J.O., Port Dover, Ont.
121967	*Anna M.*	Kingston	1906	Kingston, Ont.	28	0	5	3	2	4	2	1	1½ sc.	Geo. W. Mahood, Kingston, Ont.
126790	Annacis	New Westminster	1910	New Westminster, B.C.	63	4	17	5	6	9	56	31	16 sc.	Joseph Wm. Pike, New Westminster, B.C.
141899	*Annandale*	Vancouver	1918	Vancouver, B.C.	46	2	13	1	5	1	29	20	2 sc.	H. Bell Irving & Co., Ltd., Vancouver, B.C.
92345	Anne Marie	Quebec	1886	Lake St. Joseph, Que.	37	8	9	6	3	4	8	6	15 sc.	D. Gillies, Carleton Place, Ont.
116238	[2]*Annie*	Digby	1886 1917	Camden, Me., U.S.A. North Sydney, N.S.	35	4	10	6	4	0	10	10	1 sc.	Sandford L. Dakin, Beaver Harbour, N.S.
100222	Annie	Halifax	1892	Dartmouth, N.S.	56	6	14	0	6	8	42	29	50 sc.	Tug "Mouton" Ltd., Halifax, N.S.
134283	*Annie B. White*	Victoria	1914	Victoria, B.C.	32	5	8	1	3	2	9	6	½ sc.	William C. White, Victoria, B.C.
107747	Annie Barrett	Montreal	1901	Kingston, Ont.	58	4	13	8	7	6	42	18	50 sc.	Simpson Brothers Co., Ltd., Montreal, Que.
130695	*Annie Boss*	Vancouver	1910	Vancouver, B.C.	30	6	7	2	4	0	6	4	½ sc.	Henry Curtis and Robert Ashcroft, Vancouver, B.C.
107366	Annie C. Hill	Toronto	1890	Owen Sound, Ont.	36	0	8	6	3	6	14	9	1 sc.	John Forsythe, Barrie, Ont.
71140	Annie Craig	Port Dover	1880	Port Dover, Ont.	78	0	16	6	5	3	80	48	30 sc.	Eugene O'Keefe, *et al.*, Toronto, Ont.
103270	Annie Currier	St. John, N.B.	1897	Oromocto, N.B.	42	4	8	8	3	7	11	7	2 sc.	John W. Currier, Oromocto, N.B.
122534	*Annie F.*	Vancouver	1907	Steveston, B.C.	30	8	9	0	3	3	12	8	1½ sc.	LePage Liquid Fish Glue, Oil & Fertilizer Co., Ltd., Vancouver, B.C.
111472	*Annie May*	Arichat	1900	Rockdale, N.S.	44	5	11	2	7	0	18	18	¼ sc.	Albert L. and Peter L. Landry, J.O., Petit de Grat, N.S.
134391	*Annie Lunn*	Lunenburg	1906	Lunenburg, N.S.	40	2	10	2	5	2	11	10	½ sc.	Foster Young, Lunenburg, N.S.
107165	Annie M	Collingwood	1900	Collingwood, Ont.	56	0	12	0	6	3	33	22	2 sc.	Mrs. M. A. Clark and Wm. A. Clark, Collingwood, Ont.
107173	Annie Mc	Port Arthur	1897	Port Arthur, Ont.	33	0	7	8	2	4	13	11	5 sc.	Thomas McLeod, Port Arthur, Ont.
122422	*Annie G. W.*	Halifax	1907	Sheet Harbour, N.S.	42	6	15	0	6	0	17	16	¾ sc.	Simon Boutilier, Mushaboom, N.S.
138786	*Annie H.*	Victoria	1913	Friday Harbour, Wash., U.S.A.	45	0	13	8	4	0	25	13	2 sc.	Clayoquot Sound Canning Co., Ltd., Victoria, B.C.
96851	Annie Moiles	Sarnia	1865	East Saginaw, Mich. U.S.A.	81	0	17	0	7	7	71	49	75 sc.	The Cadwell Sand & Gravel Co., Ltd., Windsor, Ont.
134343	*Annie Q.*	Montreal	1912	Montreal, Que.	29	8	7	2	3	4	5	3	1 sc.	Quinlan & Robertson, Ltd., Montreal, Que.
137951	*Annie St. Leon*	Vancouver	1914	Port Coquitlam, B.C.	44	4	13	0	4	5	20	14	3 sc.	Western Packers, Ltd., Vancouver, B.C.
130712	Anoka	Kenora	1912	Kenora, Ont.	65	5	16	2	6	0	61	41	3 sc.	Keewatin Lumber Co., Ltd., Keewatin, Ont.
122636	*Anona*	Kingston	1903	Kingston, Ont.	32	3	6	2	2	6	5	3	2½ sc.	Albert W. Winnett, Kingston, Ont.
126487	Anthemis	Montreal	1909	Magog, Que.	86	5	17	8	6	7	95	50	16 sc.	The Memphremagog Navigation Co., Montreal, Que.
107153	*Antic*	Vancouver	1894	Seattle, Wash., U.S.A.	30	8	7	0	3	0	4	3	1 sc.	R. H. Gardner, Ladysmith, B.C.
96969	Anticosti	Halifax	1891	Sable River, N.S.	54	0	13	6	5	6	19	16	9 sc.	Mrs. Rosanna Neville, Halifax, N.S.
122030	Anticosti II	Liverpool	1907	Liverpool, N.S.	59	4	13	5	5	8	35	21	8 sc.	Tug Anticosti II, Limited, Halifax, N.S.
141013	[6]Anutz	Vancouver	1899	Eagle Harbour, Wash., U.S.A.	37	0	10	5	3	9	8	6	6 sc.	Nimpkish Timber Co., Ltd., Vancouver, B.C.
138303	*Aone*	Vancouver	1916	Vancouver, B.C.	42	0	12	0	5	8	19	13	4 sc.	British Columbia Sulphite Fiber Co., Ltd., Vancouver, B.C.
126360	*Aphia*	Montreal	1907	Tetreaultville, Que.	45	1	9	8	3	9	11	7	4 sc.	Robert Lucas, Lachine, Que.
137937	*Aqua*	Vancouver	1908	Vancouver, B.C.	47	8	12	8	4	9	28	17	2½	Albert V. Gardner, Vancouver, B.C.
130842	Aquilo ⊙	Vancouver	1901	South Boston, Mass, U.S.	127	4	20	0	11	3	176	104	37 sc.	B. T. Rogers, Vancouver, B.C.
100394	Arabian	Hamilton	1892	Hamilton, Ont.	178	6	31	0	13	6	1,073	770	400 sc.	Montreal Transportation Co., Montreal, Que.
98579	Aranmore ⊙	Ottawa	1890	Dundee, G.B.	241	5	34	8	15	7	1,170	502	280 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
92642	Arbutus	Port Arthur	1887	Wallaceburg, Ont.	63	0	14	8	7	0	49	34	4 sc.	Central Contracting Co., Ltd., Fort William, Ont.
85555	Arcadia	Pictou, N.S.	1884	Yarmouth, N.S.	68	0	16	7	6	4	62	42	30 sc.	Peter J. Walker, Port Hawkesbury, N.S.
117196	Archibald	Kenora	1904	Gold Rock, Ont.	46	0	10	0	5	5	20	14	2 sc.	North West Lumber Co., Edmonton, Alta.
107823	Archie	Victoria	1900	Victoria, B.C.	27	0	7	4	3	8	4	3	3 sc.	Thomas E. Wood, Victoria, B.C.
96718	Archie Stewart	Ottawa	1890	Ottawa, Ont.	81	5	18	8	7	3	80	50	75 sc.	The Minister of Public Works, Ottawa, Ont.
134551	Archie W.	Port Burwell	1914	Port Burwell, Ont.	66	0	16	5	7	8	36	24	6 sc.	[1]Harvey Davis, Port Burwell, Ont.

[1] Former name "Effie B." [2]Formerly a sailing vessel. [3]Formerly 'Lady Glover." [4]Formerly "Little Miss." [5]Foreign name "Evelyn." [6]Foreign name "Alta."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c.-v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
116092	[1]Arctic	Ottawa	1901	Kiel, Germany	165 4	37 2	20 2	762	518	44 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
94930	Arctic	Picton, Ont.	1893	Grindstone Isl., N.Y., U.S.	96 3	19 3	7 0	101	83	5 sc...	The Rathbun Co., Deseronto, Ont.
134058	*Ard.*	Lunenberg	1914	Eastern Points, N.S.	40 2	10 0	5 2	12	11	⅔ sc..	Francis Mason, Eastern Points, N.S.
116953	Argo	Sarnia	1906	Wallaceburg, Ont.	50 4	11 6	4 8	20	13	2 sc...	David Foster, Port Coldwell, Ont.
85489	[2]Argus	Pictou, N.S.	1884	Lockeport, N.S.	55 0	13 0	6 1	27	19	13 sc...	The Pictou County Contractor Supply Co., Ltd., New Glasgow, N.S.
134425	*Argwl*	Vancouver	1915	Vancouver, B.C.	27 3	8 5	3 0	4	3	1 sc...	Harry Asson, New Westminstor, B.C.
107220	Argyle	Kenora	1900 1912	Keewatin, Ont. Kenora, Ont.	79 0	16 4	5 5	97	66	11 sc...	James Fraser and R. S. Fraser, J. O., Keewatin, Ont.
96859	Argyle	Sarnia	1891	Buffalo, N.Y., U.S.A.	68 0	15 3	7 0	41	28	30 sc...	William A. Warren, Toronto, Ont.
116454	*Ariadne*	Vancouver	1903	Vancouver, B.C.	34 9	8 7	3 9	14	9	3 sc...	Alfred Harris, North Vancouver, B.C.
134021	Aricia	Victoria	1912	Kelowna, B.C.	42 7	10 1	4 0	13	9	2 sc...	James I. Campbell, Kelowna, B.C.
111570	*Ariel*	Toronto	1900	Harrison, N.J., U.S.A.	25 0	6 2	2 8	3	2	5 sc...	John H. Mason, Toronto, Ont.
130930	[3]Arjay	Montreal	1912	Lachine, P.Q.	37 0	9 7	4 6	12	8	2 sc...	Hariland Routh, Montreal, Que.
74388	Armenia	Kingston	1873	Chatham, Ont.	176 2	25 0	11 5	467	318	150 sc...	Adolf Lomer, Montreal, Que.
122537	Armoco	Vancouver	1907	Vancouver, B.C.	56 5	14 5	7 2	46	32	10½ sc...	Wm. Walter White, Vancouver, B.C.
121850	Armour	Toronto	1906	Burk's Falls, Ont.	87 5	17 5	6 2	191	115	16 sc...	A. A. Agar, Burk's Falls, Ont.
134319	*Aronek*	Kenora	1914	Kenora, Ont.	31 5	8 6	5 9	9	6	2 sc...	James Bangham, Kenora, Ont.
126280	*Arono*	New Westminster	1909	Steveston, B.C.	26 7	6 4	2 4	2	2	1 sc...	William R. Jaynes, New Westminster, B.C.
122352	[5]Arrah Wanna	Kingston	1880 1899	Pamrapo, N.J., U.S.A. Alex'ia Bay, N.Y., "	54 8	9 4	2 7	20	16	1 sc...	Peter Cavanagh, Perth, Ont.
131027	*Arranmore*	Vancouver	1912	Vancouver, B.C.	36 7	10 2	4 9	14	9	1 sc...	John Emerson, Vancouver, B.C.
122602	*Arrow*	Kenora	1907	Kenora, Ont.	24 0	6 0	3 0	3	2	1½ sc...	J. W. Stone Boat Manufacturing Co., Ltd., Kenora, Ont.
116832	*Arrow*	Kingston	1901	Kingston, Ont.	35 1	7 2	2 8	4	3	1 sc...	The Minister of the Naval Service, Ottawa, Ont.
100689	Arrow	New Westminster	1893	Revelstoke, B.C.	36 6	9 4	3 1	5	3	2 sc...	C. W. Vanderberg, Nakusp, B.C.
122160	*Arrow*	Vancouver	1906	Vancouver, B.C.	15 5	5 0	2 0	1	1	½ sc...	William Campsie, Vancouver, B.C.
112071	Arthemise	Peterborough	1902	Peterborough, Ont.	34 0	7 8	2 9	11	9	7 sc...	Frederick J. Squires, Havelock, Ont.
103582	Arthur	Chatham, N.B.	1895	Chatham, N.B.	40 0	8 3	4 8	5	3	3 sc...	J. P. M. Ruddock, Chatham, N.B.
103367	Arthur	Quebec	1895	Roberval, Que.	43 5	10 6	3 8	15	12	6 sc...	Joseph Levesque, Roberval, Que.
100282	[6]Arthur C	Lindsay	1891	Lakefield, Ont.	76 0	18 0	6 0	105	71	50 sc...	Kawartha Lakes Navigation Co., Ltd., Lindsay, Ont.
107844	[7]*Arthur Hannah*	Toronto	1899	Port Rowan, Ont.	47 5	16 0	4 6	22	21	1 sc...	George Hare and Caleb Hopkins, Port Credit, Ont.
134317	*Arthur J.*	Kenora	1914	The Pas, Man.	49 0	13 8	4 0	24	16	3 sc...	Barney Anderson, The Pas, Man.
126905	*Arthur W.*	Halifax	1910	Dartmouth, N.S.	60 4	17 0	7 9	36	33	2 sc...	The Minister of Customs, Ottawa, Ont.
100667	Aryan	Kingston	1895	Kingston, Ont.	30 4	6 1	2 5	2	2	10 sc...	M. R. Davis, Kingston, Ont.
122155	*Asahe*	Vancouver	1906	Vancouver, B.C.	32 4	10 3	4 0	12	8	1 sc...	Takido Nakata, *et al.*, Vancouver, B.C.
126623	*Asahimaru*	Vancouver	1907	Vancouver, B.C.	37 5	9 4	2 9	9	6	1 sc...	Northern Canning Co., Ltd., Vancouver, B.C.

130737	*Asaph F*	Lunenburg	1911	Little Tancook, N.S.	43 6	10 8	6 6	15	14	1 sc.	Clarence Cleveland, Blandford, N.S.
126321	Asawalgit	Vancouver	1908	Port Simpson, B.C.	32 4	9 2	3 3	16	11	1 sc.	W. H. Miller, Prince Rupert, B.C.
130889	[7]*Ashigamik*	Victoria	1894	Seattle, Wash., U.S.A.	27 6	11 0	5 3	8	6	½ sc.	A. J. Davidge, Victoria, B.C.
138496	*Asinhaze*	Montreal	1907	St. John's Que.	31 6	7 8	3 0	5	3	1 sc.	Louis Goodleaf, Caughnawaga, Que.
122588	Aspy	Yarmouth	1910	Shelburne, N.S.	113 0	25 0	8 6	215	99	42 sc.	The North Shore Steamship Co., Ltd., Sydney, N.S.
125984	Assiniboia ⊙	Montreal	1907	Govan, G.B.	336 5	43 8	23 6	3,880	2,486	298 sc.	Canadian Pacific Railway Co., Montreal, Que.
130277	Athabasca River	Winnipeg	1912	Athabasca Landing, Alta.	136 0	28 0	3 6	341	231	9 pa.	The Hudsons Bay Co., London, G.B.
85764	Athabaska ⊙	Montreal	1883 1910	Kelvinhaugh, G.B. Collingwood, Ont.	298 8	38 2	23 3	2,784	2,349	116 sc.	Canadian Pacific Railway Co., Montreal, Que.
116944	*Athendune*	Kenora	1904	Kenora, Ont.	33 0	7 0	3 2	4	3	2 sc.	James H. Ashdown, Winnipeg, Man.
131053	[8]Atikokan	Port Arthur	1895	West Superior, Wis., U.S.	362 0	38 8	18 0	2,004	1,292	144 sc.	The Montreal Transportaton Co., Ltd., Montreal, Que.
130976	*Atkoon*	Collingwood	1914	Collingwood, Ont.	45 5	11 3	3 7	16	11	2 sc.	James R. Lucas, Toronto, Ont.
126612	*Atlalautk*	Prince Rupert	1909	Hartley Bay, B.C.	31 5	8 0	3 3	9	6	1 sc.	Charles A. G. Robinson, Hartley Bay, B.C.
77601	[7]*Atlas*	Lunenburg	1878	La Have, N.S.	64 4	20 0	7 9	52	50	1 sc.	Simon Naas, Lunenburg, N.S.
92743	Atlas	Sackville	1890	Port Elgin, N.B.	46 0	12 4	4 8	16	11	30 sc.	Prescott Lumber Co., New Mills, N.B.
138727	[12]*Atli*	New Westminster	1914	Seattle, Wash., U.S.A.	41 0	11 9	5 0	24	16	2 sc.	George W. Nickerson, Prince Rupert, B.C.
121731	*Atlintoo*	Vancouver	1906	Vancouver, B.C.	36 1	9 0	4 5	17	12	3 sc.	Engvick Ltd., Vancouver, B.C.
116924	Atomic	Victoria	1886	Birmingham, G.B.	28 0	7 7	3 0	3	2	1 sc.	Victoria Chemical Co., Ltd., Victoria, B.C.
138254	*Attention*	Lunenburg	1916	Tancook, N.S.	42 7	10 6	6 4	15	14	⅛ sc.	Morton Publicover, M.O., Blandford, N.S.
138301	*Attica*	Vancouver	1916	Vancouver, B.C.	28 0	8 0	3 2	4	3	1 sc.	Frederick H. Chappell, Vancouver, B.C.
138034	*Audrey A*	Barrington Passage	1916	Clarks Harbour, N.S.	33 3	9 0	4 4	11	10	⅛ sc.	John A. Stewart, Cape Island, N.S.
122411	Audrey C	Midland	1907	Midland, Ont.	71 8	16 0	8 1	87	59	16 sc.	French River Boom Co., Ltd., Toronto, Ont.
121685	[7]*Augusta*	Yarmouth	1904	Tusket Wedge, N.S.	34 0	11 0	6 0	11	11	¼ sc.	Clifford Selig, Black Rocks, N.S.
137877	*Augustine B*	Lunenburg	1915	Tancook, N.S.	42 8	10 8	6 2	15	14	¼ sc.	James A. Borden, M.O., Dominion No. 6, C.B., N.S.
66063	Aurelia	Montreal	1869 1903	Buffalo, N.Y., U.S.A. Montreal, Que.	56 4	14 2	7 8	34	23	9 sc.	Robert Weddell, Trenton, Ont.
133834	Aurelie G	Montreal	1912	Greenock, G.B.	79 9	22 1	11 4	137	9	54 sc.	The Sincennes-McNaughton Line, Ltd., Montreal, Que.
121860	*Aurora*	Lunenburg	1906	Lunenburg, N.S.	36 2	10 8	5 0	10	10	4 sc.	John T. Stewart, M.O., West Point, P.E.I.
130764	[9]*Aurora 2nd*	Kingston	1909	Stamford, Conn., U.S.A.	58 8	13 8	4 1	24	16	2 sc.	Frank Searle, Keresley, Coventry, England.
138511	*Aurore Marie*	Quebec	1917	St. Fulgence, Que.	41 1	14 0	3 3	19	11	2 sc.	Alfred Girard, St. Fulgence, Que.
107525	Australian	Victoria	1899	Lake Bennett, B.C.	115 0	24 8	4 0	422	308	7 pa.	British Yukon Navigation Co., Ltd., 589 Granville St., Vanvouver, B.C.
103156	Autolycus	Vancouver	1895	Vancouver, B.C.	53 1	10 0	5 5	25	17	9 sc.	The Hastings Shingle Manufacturing Co., Ltd., Vancouver, B.C.
107903	[7]*Ava M*	St. Andrews	1899 1915	West Isles, N.B. Deer Is., N.B.	44 5	13 3	6 0	17	11	1 sc.	Geo. A. Johnson, Grand Manan, N.B.
138036	*Avery L. C*	Barrington Passage	1916	Clarks Harbour, N.S.	30 0	9 2	4 6	10	10	1 sc.	Cleveland Crowell, Clarks Harbour, N.S.
134136	Aviso	Quebec	1914	Sorel, Que.	54 7	14 6	7 0	52	22	13 sc.	Quebec Harbour Commissioners, Quebec, Que.
94724	Avon	Halifax	1888	Hantsport, N.S.	78 6	15 6	10 0	65	41	5 sc.	Peninsula SS. Co., Ltd., Halifax, N.S.
133928	Avonlea	Chatham, N.B.	1913	Chatham, N.B.	58 5	14 0	5 8	47	24	8 sc.	Joseph L. Phillips and John W. Nicholl, Mira Gut, N.S.
122347	Awahwanna 2nd	Toronto	1908	Gravenhurst, Ont.	44 0	12 3	4 5	50	41	8 sc.	Frederick Mills, Beaumaris, P.O., Muskoka, Ont.
121736	*Ayacanora*	Vancouver	1906	Vancouver, B.C.	30 8	6 5	2 3	3	2	2 sc.	Vancouver Lumber Co., Ltd., Vancouver, B.C.
134545	Aylmer	Ottawa	1910	Toronto, Ont.	41 5	11 6	4 7	16	7	2 sc.	The Minister of Public Works, Ottawa, Ont.
122279	*Aylmer*	Winnipeg	1908	Hamilton, Ont.	50 0	9 5	4 0	12	8	1 sc.	Norman K. Luxton, Banff, Alberta.
126359	*Ayuda*	Montreal	1908	St. Joseph, Mich., U.S.A.	38 9	9 3	6 3	10	7	2 sc.	William Cuthbert, Montreal, Que.
140910	*Azores II*	Vancouver	1918	Vancouver, B.C.	43 6	11 5	5 7	25	12	2 sc.	Peter Seellis, Vancouver, B.C.
99402	Azov	Toronto	1892	Low Walker, G.B.	285 0	38 5	25 9	2,332	1,512	225 sc.	International Petroleum Co., Ltd., Toronto, Ont.
134098	*Azuma*	Vancouver	1913	Vancouver, B.C.	39 0	9 3	4 2	12	8	1 sc.	Toyotaro Sugiyama, Vancouver, B.C.
134217	[10]*Azurite*	Prince Rupert	1912	Tacoma, Wash., U.S.A.	57 1	15 8	6 7	39	26	4 sc.	Granby Consolidated Smelting & Power Co., Ltd., Vancouver, B.C.
126881	[11]*B.B*	Vancouver	1906	Tacoma, Wash., U.S.A.	49 4	12 5	5 5	28	19	2 sc.	Merrill DesBrisay, Vancouver, B.C.
126516	B. X	Victoria	1910	Soda Creek, B.C.	127 5	28 0	5 1	513	323	27 pa.	British Columbia Express Co., Ashcroft, B.C.
130773	B. C. L	Sault Ste. Marie	1911	Michipicoten, Ont.	44 0	12 0	5 2	18	9	2 sc.	Morton J. Burke, Marksville, Ont.
138174	*B.C.M. No. 1*	Prince Rupert	1913	Vancouver, B.C.	41 8	12 4	4 8	14	10	2 sc.	Hume B. Babington, Prince Rupert, B.C.
126082	B. C. P	Vancouver	1908	Vancouver, B.C.	80 5	18 0	7 8	121	83	22 sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.

[1]Foreign name "Gauss." [2]Formerly "Mable Freeman." [3]Formerly "Merah II". [5]Formerly "Genl. Wm. B. Franklin." [6]Formerly "Alexandra" and "Sunbeam."
[7] Formerly a sailing vessel. [8]Foreign name "John B. Trevor." [9]Foreign name "Ethel May." [10]Foreign name "Columbus." [11]Foreign name "Success." [12]Foreign name "Troy."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

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Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c.-v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
134296	*B. C. R.*	New Westminster	1912	Vancouver, B.C.	39 0	10 8	5 0	18	12	2 sc.	British Columbia Refining Co., Ltd., Vancouver, B.C.
134077	*B. & M.*	Vancouver	1913	Vancouver, B.C.	40 0	9 6	3 3	13	9	1 sc.	Marsh Hutton Powers Co., Ltd., New Westminster, B.C.
133708	*B. and R.*	Vancouver	1912	Vancouver, B.C.	30 2	9 3	3 1	10	7	1 se.	Mrs. Rotha M. Wilson, Vancouver, B.C.
131032	B. C. Boy	Vancouver	1912	Port Guichon, B.C.	62 0	17 5	7 2	61	42	16 sc.	Beaver Tow Boat Co., Ltd., Vancouver, B.C.
130883	B. C. Express	Victoria	1912	Soda Creek, B.C.	121 3	27 9	4 8	449	283	9 pa.	British Columbia Express Co., Ashcroft, B.C.
133988	*B. C. Kid*	New Westminster	1913	Port Guichon, B.C.	50 0	11 7	4 4	21	15	2 sc.	V. Martinolich, M.O., Port Guichon, B.C.
134076	[1]B. C. Maid	Vancouver	1893	Seattle, Wash., U.S.A.	65 0	14 7	5 7	80	26	8 se.	Henry C. Macaulay & Co., Ltd., Vancouver, B.C.
107597	B. M. Fraser	Toronto	1900	Owen Sound, Ont.	69 0	17 0	7 8	50	34	10 sc.	Roger Miller & Sons, Ltd., Toronto, Ont.
138454	B. Paul	Sorel	1917	Sorel, Que.	49 5	12 9	4 0	24	14	3 sc.	Captain Joseph Paul, Sorel, Que.
126274	[2]*B. White*	New Westminster	1908	Ballard, Wash., U.S.A.	42 9	8 9	2 7	14	10	2 sc.	Herbert Rushton, New Westminster, B.C.
126805	B. & M. LeBlanc	Yarmouth	1910	Tusket Wedge, N.S.	51 0	14 6	7 0	33	12	8 sc.	Henry A. LeBlanc, M. O., Tusket Wedge, N.S.
133734	[3]*Baboe*	Vancouver	1909	Dockton, Cal., U.S.A.	39 5	13 4	4 5	18	13	2 sc.	Kingcome Navigation Co., Ltd., Vancouver, B.C.
134436	*Bachelor*	Vancouver	1911	Vancouver, B.C.	38 5	10 4	4 9	15	10	1 se.	Victoria Whaling Co., Ltd., Victoria, B.C.
107715	Bailey	Vancouver	1899	Lake Bennett, B.C.	110 0	21 7	5 0	193	132	5 pa.	British Yukon Navigation Co., Ltd., Vancouver, B.C.
100306	Balize	Windsor, Ont.	1863	Cleveland, O., U.S.A.	132 0	20 0	12 0	247	168	18 sc.	John Charlton, Lynedock, Ont.
100635	[4]Ballena	Vancouver	1892	Victoria, B.C.	176 8	30 0	11 0	869	577	85 se.	The Terminal Steam Navigation Co., Ltd., Vancouver, B.C.
107209	Balmoral	Winnipeg	1899	Kenora, Ont.	53 5	10 0	3 6	37	23	2 sc.	L. Bellefeuille, Kenora, Ont.
140881	*Baltic Rose*	Vancouver	1914	Vancouver, B.C.	33 6	8 9	3 7	10	7	1½ sc.	George West, Vancouver, B.C.
134219	*Baluartie*	Prince Rupert	1909	Prince Rupert, B.C.	25 9	8 0	3 0	5	4	1 sc.	Haliburton Peck, Prince Rupert, B.C.
133761	*Bamberton*	Victoria	1913	Victoria, B.C.	50 8	12 5	5 4	21	12	5 sc.	The Portland Cement Construction Co., Ltd., London, Eng.
111934	Bancroft	Lindsay	1903	Lindsay, Ont.	37 5	8 5	3 0	10	7	7 pa.	R. C. Carter, M.O., Deseronto, Ont.
111939	Baptiste	Lindsay	1902	Lindsay, Ont.	37 4	6 7	3 0	8	5	6 pa.	R. C. Carter, M.O., Deseronto, Ont.
111825	Barbara	Vancouver	1901	Vancouver, B.C.	32 0	11 7	4 8	15	10	3 sc.	Geo. C. McDonald, Vancouver, B.C.
131005	*Barbara K.*	St. John, N.B.	1908	Wilson's Beach, N.B.	28 2	8 0	5 3	8	5	¾ sc.	James K. Kelly, St. John, N.B.
134282	Barbara Yount	Victoria	1914	Cowichan Bay, B.C.	45 0	12 7	5 7	29	20	7 sc.	Elco Tow-Boat Co., Ltd., Victoria, B.C.
122373	Barnet	Vancouver	1907	Barnet, B.C.	36 8	8 7	4 5	12	8	2 sc.	James Simmons, Simoon Sound, B.C.
133701	[6]*Barnibee*	Vancouver	1908	Seattle, Wash., U.S.A.	53 6	16 0	5 6	37	25	3 sc.	Frederick Buscombe, Vancouver, B.C.
103634	Baskatong	Ottawa	1895	Baskatong, Que.	36 5	16 0	3 4	13	8	20 pa.	John Gilmour, Ottawa, Ont.
131134	Batchawana	Ottawa	1912	Toronto, Ont.	49 0	13 0	7 7	52	29	4 sc.	Minister of Railways and Canals, Ottawa, Ont.
96049	[7]Bayfield ⊙	Ottawa	1889	Meadowside, G.B.	140 0	24 1	11 3	276	114	160 sc.	The Minister of the Naval Service, Ottawa, Ont.
121807	Bear River	Digby	1905	Shelburne, N.S.	90 0	20 0	8 4	104	71	16 sc.	John E. Woodworth, Bear River, N.S.
122499	*Beat the Wind*	Chatham, N.B.	1908	Bay du Vin, N.B.	37 0	10 8	4 9	12	10	½ sc.	Thomas B. Williston, Bay du Vin, N.B.
100865	Beatrice	Quebec	1893	Three Rivers, Que.	64 5	13 9	5 2	40	27	12 pa.	A. Baptiste, Three Rivers, Que.
107949	Beatrice	St. Catharines	1900	Dunnville, Ont.	35 8	6 6	5 0	7	5	5 sc.	Daniel Dashwood, Dunnville, Ont.
122374	*Beatrice*	Vancouver	1907	Vancouver, B.C.	44 8	11 8	5 6	26	18	5 sc.	Henry O. Bell-Irving, Vancouver, B.C.

100194	[8]Beatrice	Victoria	1891	Vancouver, B.C.	64	5	19	6	8	0	77	37	19 sc...	John J. Goodwin, Victoria, B.C.
134546	*Beatrice C.*	Ottawa	1915	Sturgeon Falls, Ont.	36	3	9	1	3	6	16	10	2 pa..	Fred. E. Clark, Sturgeon Falls, Ont.
107167	Beatrice M.	Port Arthur	1902	Collingwood, Ont.	60	0	12	0	6	3	36	25	4 sc...	John Bowman, Rossport, Ont.
133765	*Beatrice R.*	Victoria	1913	Victoria, B.C.	33	0	9	6	4	5	9	6	1 sc...	The Minister of Lands for B.C., Victoria, B.C.
137971	*Beatrice Roy*	Montreal	1915	Montreal, Que.	36	3	8	1	3	8	10	7	1 sc...	Benjamin Poisson, Montreal, Que.
133788	*Beatrice & Frances*	St. Andrews	1914	Lubec, Me., U.S.A.	37	3	11	1	4	8	11	8	1 sc...	Leonard E. Guptill, Grand Harbour, N.B.
33476	[9]Beauharnois	Ottawa	1845	Montreal, Que.	130	5	18	3	7	1	167	87	20 pa..	Calixte Guyon, Montreal, Que.
124160	Beaumont	Midland	1907	Kirkintillock, G.B.	69	0	16	6	8	5	58	.....	60 sc...	Canadian Dredging Co., Ltd., Midland, Ont.
130788	*Beauty*	Port Hawkesbury	1914	Cheticamp, N.S.	63	8	17	7	5	6	40	40	1 sc...	Charles G. Boudreau, Eastern Harbour, N.S.
83157	Beaver	Belleville	1892	Belleville, Ont.	64	3	15	3	7	3	41	24	40 sc...	The Harbour Commissioners of Montreal, Montreal, Que.
107464	Beaver	Lindsay	1897	Lindsay, Ont.	78	0	14	5	4	5	92	58	7 pa..	John Carew, Lindsay, Ont.
117109	Beaver	Ottawa	1901	Kingston, Ont.	36	0	9	0	3	0	2	2	⅔ sc...	The O'Connor Steamboat & Hotel Co., Ltd., Toronto, Ont.
122479	Beaver	Ottawa	1907	Simcoe, Ont.	49	6	18	3	3	3	31	14	2 pa..	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
83416	Beaver	Peterboro'	1883 1908 1914	Gore's Landing, Ont. Lakefield, Ont. Peterborough, Ont.	60	0	12	0	4	8	25	17	3 sc...	Jerome Lajeunesse, Peterborough, Ont.
107691	Beaver	Toronto	1899	Midland, Ont.	54	0	11	0	5	2	29	12	8 sc...	The Wm. Cane Sons Co., Ltd., Newmarket, Ont.
117119	*Beaver*	Vancouver	1905	Vancouver, B.C.	46	5	11	0	4	5	20	14	4 sc...	Clark & Lyford, Ltd., Vancouver, B.C.
122367	Beaver	Vancouver	1892	Ballard, Wash., U.S.A.	51	4	13	7	5	7	38	26	22 sc...	Maritime Fisheries, Ltd., Vancouver, B.C.
107096	Beaver	Victoria	1898	Victoria, B.C.	140	0	28	0	5	1	545	344	13 pa..	Canadian Pacific Railway Co., Montreal, Que.
100748	Beaver	Windsor, N.S.	1897	Canning, N.S.	80	0	21	0	7	4	85	43	8 sc...	The Gloucester Navigation Co., Ltd., Caraquet, N.B.
133990	*Beaver Cove*	New Westminster	1912	Steveston, B.C.	36	7	9	7	3	7	12	8	1 sc...	Percy Sabean, Takush Harbour, B.C.
133954	Becancour	Sorel	1914	Sorel, P.Q.	93	0	22	5	9	0	214	84	48 sc...	Minister of Marine and Fisheries, Ottawa, Ont.
126035	Bedeque	Liverpool	1908	Liverpool, N.S.	62	6	14	9	7	4	50	34	13 sc...	Leonard Fisheries, Ltd., Montreal, Que.
138650	*Beland*	La Have	1918	West Dublin, N.S.	61	0	16	0	6	9	36	35	1 sc...	Ralph D. Sperry, *et al.*, Petit Riviere, N.S.
80719	Bella	Paspebiac	1900	Cross Point, Que.	52	6	22	1	5	0	43	29	5 pa..	J. L. MacDonald, Cross Point, Que.
134306	*Bella Bella*	New Westminster	1913	Bella Bella, B.C.	31	0	9	4	3	5	6	4	¾ sc...	John Wilson, Bella Bella, B.C.
130281	*Bella Donna*	St. Catharines	1910	Dunville, Ont.	59	2	22	0	3	2	57	48	2½ sc...	Charles Ross, Port Maitland, Ont.
116335	Belle	Ottawa	1903	Carleton Place, Ont.	29	0	6	6	3	0	3	3	6 sc...	Abner Nichols, Carleton Place, Ont.
97103	Belle	Port Burwell	1896	Port Burwell, Ont.	44	0	11	5	5	0	16	8	6 sc...	G. A. Brown, Port Burwell, Ont.
85746	Belle	Quebec	1883 1904	Quebec, Que.	77	4	17	9	8	0	82	41	34 sc...	John S. Thom, Quebec, Que.
117013	Belle	Vancouver	1905	Vancouver, B.C.	84	5	18	7	8	0	94	64	16 sc...	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
121752	*Belle*	Vancouver	1906	Vancouver, B.C.	31	6	8	3	3	2	11	7	3 sc...	C. A. McKinnon and W. T. Norton, Vancouver, B.C.
100624	Belle (The)	Port Dover	1899	Port Dover, Ont.	66	5	13	1	6	5	31	18	13 sc...	Alexander Kennedy, Meaford, Ont.
90817	Belle Amelia	Port Hope	1883	Cobourg, Ont.	39	0	8	0	3	2	4	3	8 sc...	G. W. Dench, Trenton, Ont.
122017	Belle of Temagami	Ottawa	1906	Temagami, Ont.	100	0	22	6	6	2	169	102	16 sc...	The O'Connor Steamboat & Hotel Co., Ltd., Toronto, Ont.
133935	Bellechasse	Ottawa	1912	Kingston, Ont.	142	2	27	0	12	0	417	216	118 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
111576	*Belletta*	Toronto	1901	St. Joseph, Mich., U.S.A.	21	0	5	0	2	0	2	1	1 sc...	Alfred G. Peasey, Toronto, Ont.
122070	[10]Belleville	Montreal	1865 1905	Montreal, Que. Kingston, Ont.	200	8	28	0	11	0	1,233	607	61 pa..	Canada Steamship Lines, Ltd., Montreal, Que.
141119	*Belltree*	Vancouver	1918	Vancouver, B.C.	43	5	13	1	5	6	25	17	3 sc...	Kenzaburo Gondo, Vancouver, B.C.
126262	Bellwood	Toronto	1908	Bellwood's Siding, Ont.	44	0	11	6	5	8	23	13	1 sc...	Charles Mickle, Gravenhurst, Ont.
138537	*Belmont*	Vancouver	1917	Vancouver, B.C.	64	0	13	0	5	1	44	22	6 sc...	Belmont Canadian Mines Ltd., Vancouver, B.C.
116730	Ben Hur	St. John, N.B.	1903	St. John, N.B.	44	8	8	3	3	5	14	9	1½ sc...	John Galbraith and R. J. Sullivan, St. John, N.B.
133740	[11]*Bentinck*	Vancouver	1912	Hoquiam, U.S.A.	52	0	15	0	7	4	34	23	4 sc...	Pacific Mills Ltd., Vancouver, B.C.
138298	Berego	Vancouver	1916	Vancouver, B.C.	32	4	9	0	3	7	10	7	1 sc...	Pacific Mills Ltd., Vancouver, B.C.
111532	Bermuda	Vancouver	1900	Vancouver, B.C.	77	4	17	9	7	0	72	49	16 sc...	Wm. H. Whalen, Vancouver, B.C.
120477	Bermudian ⊙	Montreal	1904	Sunderland G. B.	425	0	50	0	24	9	5,530	2,889	1,004sc...	Canada Steamship Lines, Ltd., Montreal, Que.
131061	*Bernice*	Lunenburg	1912	Tancook, N.S.	40	2	9	8	5	0	11	10	⅔ sc...	Dominion Fisheries Ltd., Halifax, N.S.
111984	[12]Berquist	Victoria	1902	Port Moody, B.C.	70	7	17	8	7	4	76	35	13 sc...	Albert Berquist, Victoria, B.C.
96913	Bertha	Kingston	1891	Kingston, Ont.	51	4	10	0	3	4	18	12	10 sc...	F. Montgomery, Parry Sound, Ont.
112014	Bertha	Port Arthur	1901	Rossport, Ont.	35	0	10	0	3	0	11	7	1 sc...	Frank Dampier, Rossport, Ont.
111828	*Bertha*	Vancouver	1901	Vancouver, B.C.	35	0	10	2	4	5	11	8	1 sc...	Mrs. Ada R. Turner, Vancouver, B.C.
134201	*Bertha C.*	Charlottetown	1906	Pictou, N.S.	44	0	13	5	5	5	16	15	1 sc...	The Bay Head Fish Co., Ltd., Caribou Island, N.S.
126958	Bertha D.	Victoria	1910	Namu, B.C.	51	0	10	2	3	9	19	13	6 sc...	Draney Fisheries Ltd., Vancouver, B.C.
134649	*Bertha L.*	Victoria	1913	Seattle Wash., U.S.A.	42	5	13	0	5	6	24	9	2 sc...	Sidney Canning Co. Ltd., Sidney, B.C.

[1]Foreign name "Rustler." [2]Foreign name "Lilian." [3]Foreign name "Union." [4]Formerly "Joan." [6]Formerly "Elizabeth." [7]Formerly "Lord Stanley." [8]Formerly a sailing vessel.
[9]Formerly "Richelieu." [10]Formerly "Spartan." [11]Foreign name "Pacific." [12]Formerly "Falcon" and "Ruth."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.** Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c.-v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
90578	Bertha May	Toronto	1886	Gravenhurst, Ont.	43 5	11 0	4 5	20	14	6 sc.	Charles J. Smith, Muskoka, Ont.
134433	*Bertheve*	Vancouver	1913	Vancouver, B.C.	35 2	9 3	4 2	13	9	2 sc.	J. G. Moffat, Ltd., Vancouver, B.C.
138453	Berthier	Sorel	1916	Sorel, P.Q.	120 0	24 0	11 4	368	85	65 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
107391	Beryl Essie	Sackville	1898	Tidnish, N.S.	42 2	14 0	6 1	24	17	20 sc.	G. A. Campbell, Tidnish Bridge, N.S.
92401	Bessie	Chatham, N.B.	1886	Newcastle, N.B.	35 0	7 5	4 0	5	4	8 sc.	Timothy W. Crocker, Newcastle, N.B.
111589	*Bessie*	Peterborough	1901	Racine, Wis., U.S.A.	18 3	4 3	2 3	1	1	3 sc.	James R. Dodsworth, Lakefield, Ont.
100697	Bessie	Pictou, N.S.	1896	Pictou, N.S.	35 4	8 2	4 0	10	6	6 sc.	Newcomb N. Bentley, Wolfville, N.S.
94840	*Bessie Ardella*	St. Andrews	1891	Deer Island, N.B.	53 0	11 6	4 7	23	15	1 sc.	Guy C. Pendleton, Deer Island, N.B.
116982	Bessie B.	Kenora	1904	Tp. of Splon, Ont.	60 0	13 0	5 0	53	36	2 sc.	Jos. E. Budreau, Rainy River, Ont.
122564	Bessie Butler	Peterboro	1907	Peterboro, Ont.	78 0	17 6	7 5	77	52	20 sc.	The Minister of Railways and Canals, Ottawa, Ont.
121272	Bessie Dollar ⊙	Vancouver	1905	Port Glasgow, G.B.	369 7	50 0	26 7	4,329	2,798	244 sc.	Dollar Steamship Lines, Ltd., Victoria, B.C.
122348	*Bessie F.*	Toronto	1907	Gravenhurst, Ont.	26 0	6 1	2 5	3	2	⅔ sc.	Herbert Ditchburn, Gravenhurst, Ont.
130515	*Bessie L. Morse*	Weymouth	1914	Liverpool, N.S.	66 2	17 2	6 4	44	35	⅓ sc.	Clinton McLaughlin and Fdk. McLaughlin, Seal Cove, Grand Manan, N.B.
117087	Bessie M.	Collingwood	1907	Collingwood, Ont.	69 6	15 0	6 5	44	30	13½ sc.	James P. McDonald, Blind River, Ont.
122604	*Beta*	Kenora	1906	Hamilton, Ont.	23 0	6 3	3 8	2	2	1 sc.	John A. Johnston, Ignace, Ont.
121746	*Beth*	Vancouver	1905	Vancouver, B.C.	25 0	6 0	2 7	2	2	½ sc.	Robert P. McLennan, Vancouver, B.C.
121959	[1]Bethalma	Port Stanley	1899	Wilmington, Del., U.S.A.	110 3	16 4	10 2	113	52	30 sc.	James C. Duffield and Charles S. Hyman, J. O., London, Ont.
137878	*Betty B.*	Lunenburg	1912	Tancook, N.S.	40 2	9 8	5 3	11	10	⅔ sc.	Harris and Arthur Publicover, Blandford, N.S.
131010	[2]Betty D.	St. John, N.B.	1898	Buffalo, N.Y., U.S.A.	86 2	23 4	10 8	145	98	59 sc.	Bathurst Lumber Co. Ltd., Bathurst, N.B.
130726	*Beulah W.*	Lunenburg	1905	Tancook, N.S.	40 3	10 2	5 2	12	11	⅔ sc.	Herbert Young, Tancook, N.S.
121784	[3]Bickerdike	Ottawa	1873	Buffalo, N.Y., U.S.A.	233 0	34 5	14 2	1,515	864	96 sc.	Canada Steamship Lines Ltd., Montreal, Que.
126435	*Biegel*	Vancouver	1907	Vancouver, B.C.	26 0	7 5	3 5	7	5	1 sc.	Mrs. Cecilia Duffy, Eburne, B.C.
73034	Bienvenu	Quebec	1875	Pointe aux Trembles, Que.	144 0	25 0	8 0	648	373	50 pa.	Zéphirin Arpin, Lanoraie, Que.
116833	*Bill*	Kingston	1900	Gananoque, Ont.	21 6	6 2	2 0	2	1	½ sc.	Manley Cross, Gananoque, Ont.
126544	*Billiken*	Vancouver	1909	Vancouver, B.C.	29 2	8 1	4 9	9	6	2 sc.	Henry Burchell, Thetis Is., B.C.
134105	*Biwako*	Vancouver	1914	Vancouver, B.C.	38 3	9 0	4 5	11	8	1 sc.	Sakichi Segawa, Vancouver, B.C.
134603	*Black Fox*	Winnipeg	1915	Athabaska Landing, Alta.	38 4	7 8	2 4	10	5	6 sc.	Ellis E. Smalley Athabaska Landing, Alberta.
133787	*Black Jack*	St. Andrews	1910	Seal Cove, Grand Manan, N.B.	29 4	12 6	5 0	11	7	½ sc.	John Joy, Seal Cove, Grand Manan, N.B.
134125	*Black Raven*	New Westminster	1913	Vancouver, B.C.	50 0	11 3	4 7	23	16	2 sc.	The Minister of Marine and Fisheries, Ottawa, Ont
134129	[4]*Blaine*	New Westminster	1907	Bellingham, Wash., U.S.A.	45 6	10 1	3 6	23	16	3 sc.	George D. Brynmer, White Rock, B.C.
111608	Blair of Athol	New Westminster	1900	Atlin, B.C.	54 0	9 0	4 5	11	7	1 sc.	The Northern Lumber Co., Ltd., Atlin, B.C.
126438	*Blanch B.*	Vancouver	1909	Steveston, B.C.	36 8	9 5	4 0	18	12	2 sc.	Thomas Marshall, Vancouver, B.C.
116855	[5]*Blanche*	Lunenburg	1905	Sable River, N.S.	37 1	13 5	4 9	12	11	1 sc.	John Spindler, M. O., Lower Rose Bay, N.S.
71269	[15]Blanche	Montreal	1886	Deseronto, Ont.	50 0	9 0	4 0	28	19	3 sc.	The Minister of Public Works, Ottawa, Ont.

122223	Blanche	Montreal	1903	St. Remi du Lac au Sable, Que.	30 0	8 2	2 3	6	4	¾ sc...	J. B. Rheault, St. Remi du Lac au Sable, Que.
131070	*Blanche L G*	Lunenburg	1912	Blandford, N.S.	41 0	10 6	5 8	12	11	⅜ sc...	Warren Gates, Blandford ,N.S.
138829	*Blanche M. Stevens*	Lunenburg	1918	Tancook, N.S.	49·6	13 8	7·2	26	25	1 sc...	Gordon Stevens, Tancook, N.S.
131080	*Blanche S*	Lunenburg	1907	Little Tancook, N.S.	40 2	10 3	5 8	11	10	⅜ sc...	Frank Dominey, Fox's Point, N.S.
133757	*Blanco*	St. John, N.B.	1913	St. John, N.B.	29 1	9 6	4 4	8	5	1 sc...	The Beaver Dredging Co., Ltd., St. John, N.B.
126504	*Blaneys*	Victoria	1909	Ladysmith, B.C.	35 0	9 4	3 4	7	4	5 sc...	Charles A. Ryan, Ladysmith, B.C.
138249	*Bleucher C*	Lunenburg	1916	Tancook, N.S.	41 4	10 7	5 6	12	11	1 sc...	Wilfred Barker, Liscomb, N.S.
121936	*Blitz*	Halifax	1905	Dartmouth, N.S.	28 5	4 6	3 0	3	2	½ sc...	A. Robie Cogswell, Halifax, N.S.
134526	*Blockhouse*	Sydney, N.S.	1915	Port Morien, N.S.	33 0	11 1	6 0	12	12	½ sc...	Fred. Peach, Port Morien, N.S.
96989	Blonde	Vancouver	1891	New Westminster, B.C.	56 0	12 2	5 6	33	23	7 sc...	Lamb-Watson Lumber Co., Ltd., Winnipeg, Man.
121849	Blue Bell	Toronto	1906	Toronto, Ont.	150 0	30 0	7 2	752	451	48 pa..	The Toronto Ferry Co., Ltd., Toronto, Ont.
97033	Blue Hill	Halifax	1887	E. Boston, Mass, U.S.A.	135 0	18 0	7 0	196	98	38 sc...	Baddeck Steamship Co., Ltd., Baddeck, N.S.
122263	*Blue Peter III*	Montreal	1906	West Mystic, Conn., U.S.A.	35 4	6 8	3 3	5	5	2 sc..	Kenneth F. Dewar, Montreal, Que.
134659	[13]*Blueback*	Victoria	1912	Friday Harbour Wash U. S.A.	50 4	13 8	5 0	21	10	2 sc...	The Straits Fish Co., Ltd., Nanaimo, B.C.
80960	Bluebell	Kingston, Ont	1888	Kingston, Ont.	48 5	8 9	3 6	12	8	5 sc...	Rodney and Vernon Bush, Simcoe Island, Ont.
133763	*Bluebird II*	Victoria	1912	Victoria, B.C.	30 0	7 0	3 4	4	3	1 sc...	Henry R. Nelson, Victoria, B.C.
126083	*Boaz*	Vancouver	1908	Vancouver, B.C.	31 0	8 2	4 4	9	6	2 sc...	Dr. William Mason, Nanaimo, B.C..
122563	Bob Hall	Peterboro	1907	Peterboro, Ont.	49 0	12 6	6 0	27	19	16 sc...	The Minister of Railways and Canals, Ottawa, Ont.
107599	Bobs	Owen Sound	1900	Toronto, Ont.	66 0	10 5	5 0	38	26	6 sc...	LaCie de Navigation, Ville Marie, Que.
111887	Bobs	Peterborough	1904	Peterborough, Ont.	28 5	9 0	3 7	11	8	½ sc...	James L. Rogers, Peterborough, Ont.
111506	*Bobs*	St. John, N.B.	1900	St. Joseph, Mich. U.S.A.	15 2	4 8	1 8	1	1	— sc...	Wm. Walker, Fredericton, N.B..
111563	Bobs	Toronto	1900	Toronto, Ont.	36 0	9 0	4 0	9	6	3 sc...	Ambrose A. Kirby, Toronto, Ont.
111542	Bobs	Vancouver	1901	Vancouver, B.C.	36 0	8 0	2 0	4	3	1 pa..	Miss Lucy Fader, Vancouver, B.C.
103828	Bogan	Paspebiac	1909	New Richmond, Que.	54 0	13 2	3 2	28	18	3 pa..	Montgomery & Sons, Co., Ltd., New Richmond, Que.
131024	*Bold Mary*	Vancouver	1911	Vancouver, B.C.	44 5	10 2	4 7	15	10	2 sc..	Whalen Pulp & Paper Mills, Ltd., Vancouver, B.C.
122436	[8]Bon Ami	Sault Ste-Marie	1902	Manitowoc, Wis., U.S.A.	105 0	24 5	8 0	245	142	24 sc...	T. C. and C. L. D. Sims, Little Current, Ont.
138140	Bon Desir	Quebec	1912	Grandes Bergeronnes, Que.	65 1	23 4	6 7	65	55	1 sc...	Mrs. A. Duchenes, Mille Vaches, Que.
107851	[7]Bonanza King	Dawson	1898	Dutch Harbour, Alaska, U.S.A.	140 3	31 3	5 8	466	260	77 pa...	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
138681	Bonilla	Vancouver	1917	Tacoma Wash., U.S.A.	62 4	17 6	7 7	57	39	5 sc...	Lummi Bay Packing Co. Ltd., Vancouver, B.C.
100425	Bonnechére	Ottawa	1893	Simcoe, Ont.	35 0	16 0	3 0	13	6	20 sc...	H. F. McLachlin and Claude McLachlin, J. O., Arnprior, Ont.
134417	Bonnie Charlie	Vancouver	1914	Vancouver, B.C.	37 0	10 0	4 4	11	8	1 sc...	John Harestad, Otter Cove, B.C.
134318	Bonnie Mac	Kenora	1912	Dryden, Ont.	47 0	13 0	5 0	28	19	3 sc..	Dryden Timber & Power Co., Ltd., Dryden, Ont.
130555	Bonnington	Vancouver	1911	Nakusp, B.C.	202 5	39 1	7 5	1,700	955	98 pa..	Canadian Pacific Railway Co., Montreal, Que.
122278	[8]Bonnitoba	Winnipeg	1910 1913	Winnipeg, Man.	118 6	22 3	4 0	128	81	4 pa..	The Hyland Navigation & Trading Co., Ltd., Winnipeg, Man.
122449	*Bonsell*	St. John, N.B.	1908	Shelburne, N.S.	35 9	7 6	3 0	6	4	1 sc...	George E. C. Gandy, St. John, N.B.
131211	Boonton	Sydney, N.S.	1871	Philadelphia, Pa., U.S.A.	75 0	18 5	8 9	115	53	48 sc...	David Rudderham, North Sydney, N.S.
126421	*Boothby*	Vancouver	1909	Vancouver, B.C.	46 0	11 6	4 4	27	18	10 sc...	Patrick J. Russell, Vancouver, B.C.
97159	[5]*Borealis*	Vancouver	1891	Victoria, B.C.	71 5	21 4	7 8	55	28	5 sc...	Defiance Packing Co. Ltd., Vancouver, B.C.
103945	Borrioboola-Gha	Chatham N.B.	1899	Dalhousie, N.B.	106 0	19 0	6 8	96	60	30 pa..	R. A. Snowball, Chatham, N.B.
90546	[9]Boucherville	Montreal	1886	Sorel, Que.	178 9	26 3	9 2	419	256	85 pa..	Alexandre Desmarteau, Montreal, Que.
100370	Bourgeois	Quebec	1892	Three Rivers, Que.	108 0	20 0	5 8	94	59	20 pa..	The Corporation of the City of Three Rivers, Que.
130375	*Bow Echo*	Peterboro'	1911	Peterboro,' Ont.	33 8	7 0	3 4	4	4	⅜ sc...	The Peterboro Canoe Co., Ltd., Peterboro, Ont.
96995	[10]Bowena	Vancouver	1891	Vancouver, B.C.	159 0	32 0	9 4	821	558	58 sc...	The Terminal Steam Navigation Co., Ltd., Vancouver, B.C.
88829	[14]*Bowler*	Vancouver	1884 1917	Aberdeen, G. B. Vancouver, B.C.	213 7	32 6	21 3	1,141	916	15 sc...	Charles A. Godson, Vancouver, B.C.
107788	Brant	Ottawa	1899	Charlottetown, P.E.I.	100 4	19 1	8 5	142	58	33 sc..	The Minister of Marine and Fisheries, Ottawa, Ont.
122256	*Brant*	Quebec	1905	New York, N.Y., U.S.A.	31 4	8 0	3 4	6	5	11 sc...	Joseph K. Boswell, Quebec, Que.
116875	Brant	St. Catharines	1906	Pt. Robinson, Ont.	55 0	15 3	7 8	49	33	8 sc...	Canadian Dredging Co., Ltd., Midland, Ont.
130571	*Brenda C*	Halifax	1910	Tancook, N.S.	41 4	10 3	5 3	12	11	⅜ sc...	Arthur Zinck, Halifax, N.S.
96081	Bridgewater	Halifax	1889	Dumbarton, G.B.	120 0	20 0	9 0	208	119	54 sc..	Bridgewater Wrecking Co., Ltd., Halifax, N.S.
133748	Brisa	Toronto	1914	Toronto, Ont.	30 0	6 5	3 1	4	3	1 sc...	Thomas H. Clarkson-Jones, Toronto, Ont.
111995	Britannia	Vancouver	1902	Vancouver, B.C.	104 8	22 4	6 9	326	222	33 sc...	Terminal Steam Navigation Co., Ltd., Vancouver, B.C.

[1]Foreign name "Surprise." [2]Formerly "Charles F. Dunbar." [3]Formerly "Arabia." [4]Foreign name "Silver Spray." [5]Formerly a sailing vessel. [6]Foreign name "Mariposa."
[7]Formerly "Governor Pingree." [8]Re-registered after wreck. [9]Formerly "Hochelaga." [10]Formerly "City of Nanaimo." [13]Foreign name "Wauneta". [14]Formerly "Zafiro".
[15]Formerly "Nora."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviat ons—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
100188	[1]Britannic	Collingwood	1866 1892	Sorel, Que. Rebuilt	150 8	25 6	9 2	428	228	41 pa.	Montreal & Cornwall Navigation Co., Ltd., Cornwall, Ont.
119063	[2]British Columbia	Vancouver	1903	Bowling, G.B.	170 7	27 1	10 5	557	222	81 sc.	Union Steamship of British Columbia, Ltd., Vancouver, B.C.
121915	British Lion	Kenora	1903	Simcoe, Ont.	36 0	10 0	4 0	22	15	2 pa.	Rainy River Lumber Co., Ltd., Rainy River, Ont.
107421	Brockville	Picton, Ont.	1898	Toronto, Ont.	105 0	21 5	5 7	191	88	14 sc.	Canada Steamship Lines, Limited, Montreal, P.Q.
92615	Brothers	Port Arthur	1886	Port Arthur, Ont.	39 4	9 8	5 8	18	12	6 sc.	E. T. Morrow, Fort William, Ont.
133792	Brown Brothers	Port Stanley	1915	Port Stanley, Ont.	75 2	16 5	7 7	64	44	13 sc.	A.C. Brown, St. Thomas, Ont., and C.E. Brown, Port Stanley, Ont., J.O.
116274	Bruce	Halifax	1889	Dartmouth, N.S.	59 5	20 5	5 6	56	38	12 sc.	Wm. K. McKean, St. Omer, Que.
103715	[3]Bruce Cann	Yarmouth	1898 1913	Liverpool, N.S. Yarmouth, N.S.	70 0	17 0	7 5	48	32	16 sc.	Hugh Cann & Sons, Ltd., Yarmouth, N.S.
122253	Brulot	Quebec	1903	Salmon Lake, Que.	32 0	10 5	3 5	8	6	1 pa.	George J. Paradis, Salmon Lake, Que.
94902	Brunette	Vancouver	1890	New Westminster, B.C.	56 9	13 8	7 5	42	25	13 sc.	Joseph W. Pike, Vancouver, B.C.
134635	*Bubbles*	Victoria	1912	Vancouver, B.C.	36 5	8 7	4 2	7	5	1 sc.	Adams River Lumber Co., Ltd., Chase, B.C.
138152	*Budd II*	Vancouver	1915	Vancouver, B.C.	38 0	9 5	4 2	15	10	1 sc.	John H. McLean, Port Moody, B.C.
130325	Buena Vista	Kingston	1911	Kingston, Ont.	93 6	18 8	6 8	141	73	9 sc.	John Randall, Seely's Bay, Ont.
122598	*Bully II*	St. John, N.B.	1909	Indian Island, N.B.	29 5	7 4	6 6	6	6	⅔ sc.	Crandall Harrison & Company Limited, Newcastle, N.B.
134037	*Bundels*	Victoria	1913	Vancouver, B.C.	20 0	4 6	2 0	1	1	⅔ sc.	Cyril F. Davie, Victoria, B.C.
130354	*Bunney*	Arichat	1910	St. Peters, N.S.	43 8	12 4	5 4	14	13	1 sc.	The Stewart Fish Co., Ltd., St. Peters, N.S.
126015	*Bunting*	Annapolis Royal	1909	Annapolis Royal, N.S.	32 2	8 6	3 1	10	7	1 sc.	Arthur G. Golding, St. John, N.B.
117018	Burrard	New Westminster	1905	Vancouver, B.C.	63 6	14 2	6 5	56	38	10 sc.	Monarch Towing & Trading Co., Ltd., New Westminster, B.C
126403	Burwash	Ottawa	1909	Kippewa, Que.	68 5	15 1	5 8	45	28	18 pa.	McLachlin Bros., Ltd., Arnprior, Ont.
138028	Bustekagan	Kenora	1918	Fort Frances, Ont.	43 5	11 0	4 5	30	13	5 sc.	Shevlin Clarke Co., Ltd., Fort Frances, Ont.
133718	Buster B.	Vancouver	1912	Vancouver, B.C.	46 0	14 0	6 0	31	23	6 sc.	Christopher E. Keeling, North Vancouver, B.C.
100195	Bute	Vancouver	1890	New Westminster, B.C.	28 6	6 7	2 6	4	3	3 sc.	E. E. Evans, Vancouver, B.C.
111785	Bute	Victoria	1901	Sidney, B.C.	29 0	8 4	2 9	7	3	1 sc.	Cowichan Lumber Co., Ltd., Duncan's, B.C.
116407	Bute	Vancouver	1904	Sidney, B.C.	60 5	14 4	7 0	49	26	3 sc.	John D. McNeil, Vancouver, B.C.
138785	*C. & C.*	Victoria	1918	Victoria, B.C.	38 4	11 6	4 2	17	8	1½ sc.	F. F. Clark and Solomon Cameron, Victoria, B.C.
126922	C. A. B.	Quebec	1909	St. Joseph de Levis, Que.	55 6	15 0	5 7	30	12	5 sc.	Charles A. Bernier, St. Joseph de Levis, Que.
134302	[4]*C. C. C. I.*	New Westminster	1913	Seattle, Wash., U.S.A.	38 0	9 0	5 0	13	9	8 sc.	George A. Miscner, Vancouver, B.C.
138352	*C.C.S.*	Vancouver	1916	Vancouver, B.C.	52 2	14 7	6 8	35	24	4 sc.	The Packers Steamship Co. Ltd., Vancouver, B.C.
130498	C. F. P.	New Westminster	1912	New Westminster, B.C.	46 0	11 9	5 0	24	15	5 sc.	Canadian Fish Products, Ltd., 39 Old Broad St., London, Eng.
138609	[14]C.L. No. 1	New Westminster	1913	Tacoma, Wash. U.S.A.	44 0	12 0	5 2	26	18	3 sc.	C. L. Packing Co., Ltd., Vancouver, B.C.
133848	*C. G. J.*	Vancouver	1913	Vancouver, B.C.	37 0	9 4	4 5	13	9	1 sc.	William Ettershank, *et al.*, J.O., Vancouver, B.C.
134110	*C. W. J.*	Vancouver	1911	Vancouver, B.C.	27 0	7 6	2 8	7	5	⅔ sc.	George W. Cattle, Vancouver, B.C.
141121	*C. 5.*	Vancouver	1918	Vancouver, B.C.	36 9	10 1	4 4	15	10	2 sc.	Edward Clapham, Vancouver, B.C.
85495	[5]C. A. Boone	Collingwood	1883	Waubaushene, Ont.	63 6	15 5	7 4	44	30	8 sc.	Charles S. Boone, Toronto, Ont.

92664	[6]C. B Powell	Ottawa	1887	Pembroke, Ont	139 0	36 0	7 2	272	172	21 pa..	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
130290	C. C. Lloyd	St. Catharines	1915	Stromness, Ont	62 0	14 4	5 3	40	27	10 sc...	Charles Crumb, Dunville, Ont.
107485	C. E. Ainsworth	Sault Ste. Marie	1901	Sault Ste.Marie,Mich.,U.S.	81 6	18 4	7 4	76	48	19 sc...	Dominion Fish Co., Ltd., Winnipeg, Man.
103214	C. E. Read	Ottawa	1894	Simcoe, Ont	42 0	16 2	3 4	13	8	20 sc...	W. H. Hurdman, Ottawa, Ont.
92657	[7]C. F. Dunbar	St. Catharines	1871	Erie, Pa., U.S.A.	47 3	13 0	5 0	33	22	20 sc...	James Pendergast, Cornwall, Ont.
112189	C. F. Eddy	Toronto	1902	Blind River, Ont	45 5	10 0	3 8	16	11	1 sc...	Mrs. Ellen J. Kennedy, Garden River, Algoma, Ont.
78039	C. H. Merritt	Toronto,,	1883	Chatham, Ont	85 0	21 0	6 5	122	83	75 sc...	A. M. Clark, M.O., Marysburgh, Ont.
122646	C. J. Booth	Ottawa	1907	Latchford, Ont	75 4	18 0	5 2	86	50	8 pa..	John R. Booth, Ottawa, Ont.
130574	*C. L. Miller*	Lunenburg	1909	Little Tancook, N.S.	39 6	10 2	5 4	11	10	⅔ sc...	Ainsley Zinck, Dover, N.S.
122398	C. R. Lamb	Victoria	1907	Kamloops, B.C.	91 3	19 9	4 0	192	121	34 pa..	Arrow Lakes Lumber Co., Ltd., Arrowhead, B.C.
131054	C. R. Smith	Port Arthur	1912	The Pas, Man	96 0	17 6	4 2	202	127	16½ pa .	The Finger Lumber Co., Ltd., The Pas, Man.
97132	C. S. Parnell	Quebec	1891	Quebec, Que	44 9	11 9	4 3	17	9	28 sc...	La Cie Générale d'Entreprises Publiques, Levis, Que.
117062	C. W. Bangs	Ottawa	1902	Ottawa, Ont	36 0	8 7	3 0	4	4	⅝ sc...	John F. Hurdman, Ottawa, Ont.
80574	[8]C. W. Chamberlain	Kingston	1881	Walkerville, Ont	127 0	26 6	9 7	385	243	49 sc...	Jas. Henry, Jas. Herbert & John P. Milnes, J.O., Toronto, Ont.
116547	C. W. Cole	Kingston	1903	Kingston, Ont	49 5	11 0	4 5	16	11	12 sc...	Claude W. Cole, Milford, Ont.
131066	[9]*C. W. Mason*	Lunenburg	1907	Lunenburg, N.S.	42 8	10 6	5 2	11	10	⅓ sc...	Enos Sarty, M.O., La Have, N.S.
107733	C. Here	Kingston	1899	Kingston, Ont	49 3	8 2	3 7	7	5	8 sc...	Mrs. Barbara Davis, Kingston, Ont.
138007	C. Kylander	Port Arthur	1916	Rossport, Ont	46 0	15 0	5 5	28	19	7 sc...	Alexander McKay, Rossport, Ont.
133825	[10]Cabotia	Montreal	1889	Gilbralter, Mich., U.S.A.	243 5	35 6	19 6	1,530	932	104 sc..	George Hall Coal Company of Canada, Ltd., Montreal, Que.
138230	Cadillac	Montreal	1892	South Chicago, Ill., U.S.A.	235 1	36 8	15 4	1,297	732	254 sc...	Canada Steamship Lines Ltd., Montreal, Que.
138272	Caldera	St. Catharines	1912	Erie, Pa., U.S.A.	60 0	16 0	5 6	44	17	5 sc...	Geo. F. Little and John Siddall, Port Maitland, Ont.
126796	Call Creek's Pride	Vancouver	1910	New Westminster, B.C.	44 4	11 3	4 2	21	11	⅜ sc...	Brooks Bidlake Cedar Co., Ltd., Vancouver, B.C.
97144	Calla	St. Andrews	1891	West Isles, N.B.	32 0	9 6	4 5	10	7	12 sc...	Fred. W. Richardson, West Isles, N.B.
100040	Callender	Toronto	1892	North Bay, Ont	20 0	6 6	2 4	2	1	1½ sc...	Isaac Dollery, Fairbank, Ont.
131131	*Calumet Island*	Ottawa	1909	Calumet Island, Que	42 0	18 0	3 0	18	12	1 pa..	Fred Ladouceur, Calumet Island, Que.
133987	*Cambie*	New Westminster	1908	Steveston, B.C.	40 5	9 5	3 1	12	8	1 sc...	Sam Kee, Vancouver, B.C.
121204	Camosun ⊙	Vancouver	1905	Paisley, G.B.	192 7	35 2	14 9	1,369	794	124 sc...	Gordon T. Legg, M.O., Vancouver, B.C.
100869	Campania	Quebec	1893	Lake Megantic, Que.	48 4	13 2	5 0	23	16	4 sc...	G. M. Stearns, Lake Megantic, Que.
130859	*Campaspe*	Victoria	1912	Vancouver, B.C.	33 8	8 0	3 9	9	6	1 sc...	Edwyn B. Andros, Victoria, B.C.
140976	*Camrilco*	New Westminster	1918	Steveston, B.C.	45 0	12 0	5 2	25	17	2⅕ sc...	George D. Brynmer, New Westminster, B.C.
100392	Canada	Hamilton	1872	Hamilton, Ont	135 2	24 2	11 5	557	366	20 sc...	J. S. Nesbit, Sarnia, Ont.
116870	Canada ⊙	Ottawa	1904	Barrow-in-Furness, G.B.	206 0	25 1	13 3	411	185	209 sc...	The Minister of the Naval Service, Ottawa, Ont.
99675	Canada	Vancouver	1892	Beverley, Yorkshire, G.B	100 4	20 5	11 0	151	66	45 sc...	Canadian Fishing Company Limited, Vancouver, B.C.
90605	Canada Atlantic Transfer.	Ottawa	1884	Coteau Landing, Que.	171 0	70 0	8 6	619	395	270 pa..	Montreal Lighterage Co., Ltd., Montreal, Que.
125427	Canadian	Montreal	1907	Newcastle, G.B.	248 3	43 0	22 8	2,214	1,444	186 sc...	Canada Steamship Lines Limited, Montreal, Que.
122533	Canadian	Vancouver	1907	New Westminster, B.C.	62 7	14 2	8 8	64	44	12 sc...	John C. McNair and Herman Wilbur, Vancouver, B.C.
107094	Canadian	Victoria	1898	Victoria, B.C.	146 5	33 4	4 7	716	455	15 pa..	British Yukon Navigation Co., Ltd., Vancouver, B.C.
107088	Canard	Ottawa	1896	Ottawa, Ont	21 7	4 4	2 0	1	.....	1 sc...	P. J. B. Belanger, Ottawa, Ont.
122192	*Canco*	New Westminster	1896	New Westminster, B.C.	33 3	6 3	4 3	5	3	2 sc...	Charles A. Elliott, Harrison Hot Springs, B.C.
112353	Canna	Brockville	1915	Kingston, Ont	39 6	8 8	3 2	10	7	⅜ sc...	John McGraw, Brockville, Ont.
133826	[11]Canobie	Montreal	1887	Detroit, Mich., U.S.A.	259 3	37 4	19 8	1,748	1,051	94 sc...	Lehigh Coal Co., Ltd., Montreal, Que.
138800	Canora ⊙	Quebec	1918	Lauzon, Que.	308 0	52 1	18 8	2,384	910	190 sc...	Canadian Northern Steamship, Ltd., Toronto, Ont.
122524	Canpac	Vancouver	1907	New Westminster, B.C.	58 8	14 0	8 8	56	38	9 sc...	Tate M. Roberts, Vancouver, B.C.
126803	Canso	Yarmouth	1910	Yarmouth, N.S.	91 6	22 0	11 7	225	47	46 sc...	The Minister of Public Works, Ottawa, Ont.
130953	*Cantow*	Lunenburg	1912	Blandford, N.S.	40 3	10 2	5 8	13	12	⅗ sc...	Charles R. Martin, M.O., Ketch Harbour, N.S.
107808	*Canuck*	St. John, N.B.	1900	Racine, Wis., U.S.A.	16 3	4 3	1 8	1	—	1 sc...	W. H. Holder and W. M. Barlow, St. John, N.B..
141191	*Cap Nord*	Vancouver	1918	North Vancouver, B.C.	242 8	44 4	18 7	1,468	1,184	17 sc...	The William Lyall Shipbuilding Co., Ltd., Montreal, Que.
141196	*Cap Palos*	Vancouver	1918	North Vancouver, B.C.	242 8	44 4	18 7	1,468	1,184	26 sc...	The William Lyall Shipbuilding Co., Ltd., Montreal, Que.
97808	Cape Breton	Montreal	1890	Hylton, G.B.	258 0	37 0	16 8	1,764	1,109	160 sc...	Steamship Cape Breton Co., Ltd., Sydney, N.S.
107266	Capital	Ottawa	1898	Ottawa, Ont	30 0	6 0	2 6	2	1	3 sc...	John Harper, *et al.*, Ottawa, Ont.
126832	[12]*Capitola*	Toronto	1904	Auburn, N.Y., U.S.A.	30 0	6 2	3 6	4	3	1 sc...	Robert W. Fawcett, Hamill's Point, Muskoka, Ont.
100026	Caponaning	Toronto	1888	French River, Ont	41 6	11 1	5 0	18	12	2 sc...	The Ontario Lumber Co., Ltd., Toronto, Ont.
130330	Capt. Hemans	Fort Arthur	1902	Buffalo, N.Y., U.S.A.	50 5	10 6	3 8	35	22	2 sc...	Andrew Sutherland, Rossport, Ont.
107139	Captain Jim	Goderich	1902	Goderich, Ont...	78 6	17 8	7 2	58	39	22 sc...	Dominion Fish Co., Ltd., Winnipeg, Man.

[1]Formerly "Rocket." [2]Formerly "Onyx." [3]Formerly "Gertrude M." a recovered wreck. [4]Foreign name "Brutus." [5]Formerly "Severn." [6]Formerly "G. B. Pattee."
[7]Formerly "Howard B. Payne." [8]Formerly "C. N. Pratt." [9]Formerly a sailing vessel. [10]Foreign name "Hiawatha." [11]Foreign name "Iron King." [13]Foreign name "Ramona."
[12]Foreign name "Cara." [14]Foreign name "Glory."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice. ⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
137983	Captain Visger	Kingston	1895	Alexandria Bay, N.Y., U.S.A.	81 8	12 4	4 4	30	21	13 sc.	Samuel A. King, Toronto, Ont.
122557	[1]Cara R.	Collingwood	1898	Portland, Me., U.S.A.	58 8	9 6	8 6	23	16	3 sc.	George Rumpel, Kitchener, Ont.
116692	Caraboo	Kenora	1902	Fort Smith, Alta	50 0	10 2	5 0	29	19	4 sc.	Jas. Hislop, Fort Rae, N.W.T., and Edmund Nagle, Resolution, N.W.T., J.O.
122159	*Cariad*	Vancouver	1906	Vancouver, B.C.	22 5	7 0	3 0	3	2	½ sc.	Col. W. W. Baker, Crofton, B.C.
116249	Caribou	Sault Ste. Marie	1904	Goderich, Ont.	144 8	26 6	10 5	597	371	43 sc.	The Dominion Fish Co., Ltd., Winnipeg, Man.
131124	Carillon	Ottawa	1912	Montreal, Que.	57 3	14 5	6 7	41	24	16½ sc.	The Minister of Railways and Canals, Ottawa, Ont.
122330	*Carl*	Vancouver	1907	Vancouver, B.C.	16 4	5 4	2 6	1	1	⅜ sc.	James S. Rear, Vancouver, B.C.
122416	Carlotta	Midland	1908	Midland, Ont.	87 0	18 5	7 7	114	49	31 sc.	James Playfair, Midland, Ont.
97154	[11]*Carlotta G. Coz*	Vancouver	1891	Victoria, B.C.	80 3	21 2	8 6	82	49	7 sc.	Atlin Fisheries, Ltd., Vancouver, B.C.
138538	[2]*Carmanah*	Vancouver	1914	Caledonia, Wash., U.S.A.	43 7	14 2	5 4	24	17	2 sc.	Watson Bros. Fishing and Packing Co., Ltd., Vancouver, B.C.
122638	*Carmel C.*	Kingston	1900	Alexandria Bay, U.S.A.	36 8	7 1	3 4	9	6	2 sc.	William C. Cirtwill, Kingston, Ont.
112261	Carmilia	Montreal	1902	Sorel, Que.	66 4	17 5	8 2	63	39	28 sc.	The Minister of Public Works, Ottawa, Ont.
111863	Carmita	Ottawa	1901	Carleton Place, Ont.	39 0	9 8	3 6	9	8	7 sc.	Mrs. Eliza J. McCluskey and Geo. W. Leach, North Bay, Ont
107238	[11]Carolina	Sorel	1897 / 1905 / 1912	Three Rivers, Que.	76 0	16 2	6 2	104	52	2 sc.	Louis Dugré, Three Rivers, Que.
122513	Carolina	Vancouver	1907	Vancouver, B.C.	31 5	9 5	4 1	13	9	1½ sc.	K. O. Larson and J. Erickson, Lund, B.C.
111912	Caroline	Toronto	1900	Moon River, Ont.	38 5	9 7	4 0	12	8	1½ sc.	Joseph M. Syer, Midland, Ont.
100648	Caroline	Victoria	1887	Victoria, B.C.	26 0	7 2	3 0	3	3	1 sc.	Reuben Mason and John Sinclair, J.O., Comox, B.C.
130746	*Carrick Castle*	Vancouver	1911	Vancouver, B.C.	33 0	9 8	4 2	12	8	⅝ sc.	Charles Parmal, Vancouver, B.C.
130638	*Carrie Helen*	Saint John, N.B.	1912	Reeds Point, N.B.	46 2	18 7	1 9	19	14	1 sc.	Peter J. Veniot, Fredericton, N.B.
111756	Carrie L.	Kenora	1900	Bell City, Ont.	50 0	12 8	3 5	16	9	1 pa.	Sam. Lounsbury, Bell City, Ont.
129745	Cartier ⊙	Ottawa	1910	Newcastle-on-Tyne, G.B.	164 0	29 2	13 1	556	234	141 sc.	The Minister of the Naval Service, Ottawa, Ont.
130430	*Casarco*	St. Andrews	1912	Shelburne, N.S.	71 0	16 7	6 5	35	24	3 sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
131193	*Casarco No. 2*	St. Andrews	1912	Port Hawkesbury, N.S.	69 7	16 6	6 7	35	21	4 sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
131194	*Casarco No. 3*	St. Andrews	1912	Mahone Bay, N.S.	73 3	16 4	7 0	39	31	3¾ sc.	Robert G. Wallace, St. John, N.B
131192	*Casarco No. 4*	St. Andrews	1912	Bear River, N.S.	45 4	12 2	5 6	15	10	2 sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
131191	*Casarco No. 5*	St. Andrews	1912	Bear River, N.S.	45 4	12 2	5 6	14	10	2 sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
131199	*Casarco No. 6*	St. Andrews	1912	Little River, N.S.	45 4	12 5	5 7	17	11	2 sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
131195	*Casarco No. 7*	St. Andrews	1912	Little River, N.S.	45 2	12 4	5 7	15	10	2 sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
131200	*Casarco No. 8*	St. Andrews	1912	Comeauville, N.S.	45 3	12 6	5 7	16	11	1 sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
133781	*Casarco No. 9*	St. Andrews	1912	Comeauville, N.S.	45 3	12 6	5 7	16	11	1 sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
131196	*Casarco No. 10*	St. Andrews	1912	Lunenburg, N.S.	50 0	12 7	5 5	15	12	1 sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
131197	*Casarco No. 11*	St. Andrews	1912	Lunenburg, N.S.	50 0	12 7	5 5	15	12	1½ sc.	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.

131198	*Casarco No. 12*	St. Andrews	1912	Lunenburg, N.S.	50 0	12 7	5 5	15	12	1 sc...	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
133782	*Casarco No. 14*	St. Andrews	1912	Souris, P.E.I.	15 0	12 4	5 7	16	11	1 sc...	Booth Fisheries Company of Canada, Ltd., Toronto, Ont.
103919	Casca	Victoria	1898 1911	Victoria, B.C. White Horse, Y.T.	161 0	37 0	5 5	1,079	790	17 pa..	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
112243	Cascade	Victoria	1902	Vancouver, B.C.	95 0	22 6	7 6	119	81	16 sc...	Cascade Transportation Co., Ltd., Victoria, B.C.
112142	Caspian	Kingston	1846	Kingston, Ont.	177 6	43 4	6 7	957	543	58 pa..	Canada Steamship Lines, Ltd., Montreal, Que.
103472	[3]Cassiar	Vancouver	1890 1901	Ballard, Wash., U.S.A. Vancouver, B.C.	120 6	29 0	6 9	597	384	43 se..	Union Steamship Co. of British Columbia Limited, Vancouver, B.C.
116969	[11]*Cassie Bell*	St. Andrews	1906 1912	Meteghan, N.S.	43 3	13 1	6 4	18	16	1½ sc...	Boardman A. Cheney, Grand Manan, N.B.
138565	*Cassie J*	Shelburne	1917	Port Clyde, N.S.	51 0	14 5	6 8	27	23	2 sc...	Herbert R. and John W. Swim, Lockeport, N.S.
138799	Castelneau	Quebec	1916	Bic, Que.	49 6	15 4	6 5	32	19	10 sc...	Gabriel Gamache, Bic, Que.
130556	Castlegar	Vancouver	1911	Okanagan Landing, B.C.	91 4	19 4	8 2	104	71	27 sc...	Canadian Pacific Railway Co., Montreal, Que.
122474	Castor	Ottawa	1907	Toronto, Ont.	66 0	22 0	5 2	88	23	3⅓ pa..	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
77698	[12]Cataract	Montreal	1882 1918	Hamilton, Ont. Montreal, Que.	174 6	33 2	15 0	839	451	66 sc...	Montreal Transportation Co., Ltd., Montreal, Que.
103654	Catherine S.	Winnipeg	1896	Kenora, Ont.	66 0	13 5	5 5	67	45	4 sc...	John Short, Kenora, Ont.
134473	*Caughnawaga V*	Montreal	1909	Carleton Place, Ont.	32 0	7 1	2 7	4	3	1 sc...	Philiza Meloche, Caughnawaga, Que.
137966	*Caughnawaga VI*	Montreal	1915	Caughnawaga, Que.	30 0	6 9	2 7	3	3	⅝ sc...	Philiza Meloche, Caughnawaga, Que.
133841	*Cavalier II*	Vancouver	1913	Vancouver, B.C.	32 4	8 0	3 7	8	6	1 sc...	George T. Wadds, Vancouver, B.C.
122219	Cayuga ⊙	Toronto	1907	Toronto, Ont.	305 0	36 6	14 2	2,196	1,168	328 sc...	Canada Steamship Lines, Limited, Montreal, P.Q.
130957	*Cecil P. L*	Lunenburg	1912	Tancook, N.S.	41 4	10 4	5 5	12	11	⅜ se...	Clemence and Harvey Slaughenwhite, Tancook, N.S.
112356	[4]Cecilia S.	Brockville	1875	Buffalo, N.Y., U.S.A.	95 6	13 6	6 8	77	33	33 sc...	James H. Simpson, Brockville, Ont.
138525	*Cecilye*	Vancouver	1916	West Vancouver B.C.	41 5	11 0	5 7	17	12	5 sc...	K. Shiraichi, *et al.*, J.O., Vancouver, B.C.
137998	*Celeste L*	Arichat	1918	River Bourgeois, N.S.	29 0	11 3	6 3	13	13	¼ se...	Peter A. Landry, M.O., River Bourgeois, N.S.
126749	*Cellar Head*	Vancouver	1910	Steveston, B.C.	34 6	10 3	4 0	13	9	2 sc...	Norman Gunn, Vancouver, B.C.
116666	Celt	Midland	1900	Toronto, Ont.	34 0	8 0	2 8	6	4	⅓ sc...	Archibald Campbell, Midland, Ont.
122538	Celtic	Vancouver	1907	Vancouver, B.C.	89 4	24 5	8 6	239	163	16½ sc...	Coast SS. Co., Ltd., Vancouver, B.C.
112072	*Cemego*	Peterborough	1903	Detroit, Mich., U.S.A.	15 6	4 6	1 9	1	1	2 sc...	Mrs. F. A. Price, Massanaga, Ont.
130849	Centre Star	Vancouver	1912	Vancouver, B.C.	50 5	13 4	6 4	39	27	8 sc...	Wm. S. Nicholls and Percy H. Snider, Vancouver, B.C.
100549	Centreville	Digby	1898	Centreville, N.S.	67 4	18 4	7 0	60	32	9 sc...	A. Boutilier, *et al.*, Centreville, N.S.
130441	*Chakawana*	Vancouver	1910	Vancouver, B.C.	62 0	13 8	9 0	45	30	9 sc...	Imperial Munitions Board, Ottawa, Ont.
92331	Challenger	Quebec	1886	Lévis, Que.	88 8	20 2	9 7	108	73	86 se...	La Cie Générale d'Entreprises Publiques, Lévis, Que.
133903	Chambly	Sorel	1893	Sorel, Que.	79 8	17 2	9 2	97	36	32 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
103975	Champion	Quebec	1897	Lévis, Que.	143 5	25 6	7 8	482	304	30 pa..	La Cie Maritime et Industrielle de Lévis, Lévis, Que.
116756	Champion	Toronto	1904	Orillia, Ont.	69 0	12 7	5 0	42	28	8 sc...	Montreal River Nav. Co., Ltd., Cobalt, Ont.
116999	Champlain	Ottawa	1904	Paisley, G.B.	120 0	30 3	17 6	522	235	87 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
103956	[6]Champlain	St. John, N.B.	1897 1904	Valleyfield, Que. St. John, N.B.	110 8	22 4	7 9	392	267	28 se...	The Majestic Steamship Co., Ltd., Gagetown, N.B.
103443	Chance	Ottawa	1895	Ottawa, Ont.	43 1	7 1	3 6	5	2	12 sc...	The O'Connor Steamboat Co., Ltd., Toronto, Ont.
117017	[9]*Chaos*	Vancouver	1905	Vancouver, B.C.	56 1	14 2	6 1	32	22	2½ se...	Lockeport Canning Co., Ltd., Vancouver, B.C.
100180	Charlemagne	Montreal	1891	Montreal, Que.	87 3	18 6	7 6	76	52	67 sc...	The Charlemagne & Lac Ouareau, Lumber Co., Ltd., Montreal, Que.
97008	Charles E. Armstrong.	St. Catharines	1894	St. Catharines, Ont.	56 0	13 8	7 5	49	33	40 sc...	Continental Dredging Co., Ltd., Montreal, Que.
138743	*Charles Edward*	Yarmouth	1918	Wedgeport, N.S.	72 0	17 9	7 4	43	40	1⅞ sc...	Rudolph Le Blance, *et al.*, Wedgeport, N.S.
94718	Charles F.	Port Stanley	1905	Port Stanley, Ont.	31 5	10 4	3 4	8	5	1 se...	John Nichol, Port Bruce, Ont.
134492	[8]Chas. H. Shaw	Quebec	1889	Detroit, Mich., U.S.A.	240 0	42 0	14 9	1,489	951	116 sc...	Quebec & Levis Ferry Co., Ltd., Quebec, Que.
134386	Charles Halliday	Sault Ste. Marie	1881	Saugatuck, Mich., U.S.A.	60 0	16 0	9 4	47	23	32 sc...	Alexander B. McLean, Sault Ste. Marie, Ont.
125975	Charles Lyon	Prescott	1908	Toronto, Ont.	280 0	40 0	19 9	1,658	1,127	161 se...	Canadian Pacific Car & Passenger Transfer Co., Ltd., Prescott, Ont.
134087	*Charles Todd*	Vancouver	1914	Vancouver, B.C.	45 8	11 0	4 8	23	16	1 se...	The Minister of the Interior, Ottawa, Ont.
134194	Charles W. Riter	Sault Ste. Marie	1876	Buffalo, N.Y., U.S.A.	51 0	15 2	8 2	41	18	7 sc...	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
122450	Charley M. Scott	St. John, N.B.	1908	Victoria Mills, N.B.	44 2	10 0	4 6	17	11	6 se...	James S. Gregory, St. John, N.B.
103676	Charlie M.	Toronto	1897	Gravenhurst, Ont.	74 5	11 0	5 0	50	30	8 se...	The Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto, Ont.

[1]Foreign name "Cara." [2]Foreign name "Sterling." [3]Formerly "J. R. McDonald." [4]Formerly "Orizaba." [6]Formerly "Queen" and "Robinault."
[7]Formerly "Columbia." [8]Formerly "James R. Langdon." [9]Formerly "Charles Kellogg." [11]Formerly a sailing vessel.
[12]Formerly a sailing vessel and steamer "Myles."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriètaires conjoints; **M.O.**, Managing owner—propriètaire gèrant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
88622	Charlton ⊙	Windsor, Ont.	1862 1896	Chicago, Ill., U.S.A. Collingwood, Ont.	135 0	19 4	10 4	389	265	69 sc.	Victoria Harbour Lumber Co., Ltd., Victoria Harbour, Ont.
85075	[1] [1]Chasina	Vancouver	1881	Govan, G. B.	141 8	22 1	11 6	259	139	80 sc.	Union Steamship Co. of British Columbia Ltd., Vancouver B.C.
100793	[1]Charmer	Victoria	1886	San Francisco, Cal., U.S.A.	200 0	42 0	12 9	1,044	497	150 sc.	Canadian Pacific Railway Co., Montreal, Que.
103099	Chateauguay	Montreal	1894 1907	Montreal, Que. Sorel, Que.	126 5	20 5	7 0	332	170	20 pa.	Joseph Beaudin, Montreal, P.Q.
130282	Chatson	St. Catharines	1911	Port Robinson, Ont.	61 0	17 6	8 8	55	34	10 sc.	Harold J. and Clarence Pendergast, Cornwall, Ont.
130309	[2]Cheakamus	Vancouver	1910	Dublin, Ireland	145 3	28 1	10 0	689	403	58 sc.	Union Steamship Company of British Columbia, Ltd., Vancouver, B.C.
108683	Chebucto	Halifax	1897	Kelvinhaugh, Glasgow, G.B.	125 0	48 0	12 7	578	260	40 sc.	The Dartmouth Ferry Commission, Dartmouth, N.S.
130493	Cheerful	New Westminster	1912	Fraser Mills, B.C.	73 4	18 0	7 8	80	42	28 sc.	Canadian Tug Boat Co., Ltd., Vancouver, B.C.
130805	Chelohsin ⊙	Vancouver	1911	Dublin, Ireland	175 5	35 1	14 0	1,134	597	131 sc.	Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C.
126509	Chemainus	Vancouver	1909	Chemainus, B.C.	93 4	22 0	9 8	153	71	40 sc.	Kingcome Navigation Co., Ltd., Vancouver, B.C.
138683	*Chemona*	Vancouver	1912	Vancouver, B.C.	40 0	9 0	5 2	13	9	1 sc.	Jacob, B. and George E. Lightheart, J. O., Vancouver, B.C.
125973	Cherokee	Toronto	1907	Toronto, Ont.	120 0	23 0	7 2	328	160	41 sc.	The Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto, Ont.
134471	*Cherrier III*	Montreal	1914	Vercheres, Que.	31 7	7 4	2 4	4	3	⅔ sc.	Adélard A. Cherrier, Montreal, Que.
134290	Cheslatta	Victoria	1907	Arrowhead, B.C.	59 7	12 0	3 2	18	12	13½ sc.	David T. Hall, Hall's Landing, B.C.
94738	Chester	Windsor, N.S.	1890	Hantsport, N.S.	73 9	17 3	10 0	98	7	16 sc.	Gypsum Packet Co., Ltd., Windsor, N.S.
137938	*Chiba*	Vancouver	1915	Vancouver, B.C.	44 5	11 5	4 4	18	12	3 sc.	Watson Bros. Fishing and Packing Co., Ltd., Vancouver, B.C.
126491	*Chickadee*	Montreal	1909	Tetreautville, Que.	35 5	9 1	6 5	9	6	4 sc.	Herbert R. Holder, Montreal, Que.
126479	*Chico*	Halifax	1906	Mahone Bay, N.S.	23 8	5 4	3 0	2	1	5 sc.	Arthur W. Cogswell, Halifax, N.S.
53588	Chicora ⊙	Halifax	1864	Liverpool, G.B.	221 0	26 0	10 9	931	540	180 pa.	Canada Steamship Lines, Ltd., Montreal, Que.
126732	*Chidori*	Vancouver	1909	Steveston, B.C.	34 7	8 5	3 9	8	5	½ sc.	Otojiro Mori, Vancouver, B.C.
133736	*Chief Skugaid*	Prince Rupert	1913	Vancouver, B.C.	77 1	18 0	8 0	80	55	3 sc.	The Canadian Fish & Cold Storage Co., Ltd., Vancouver, B.C.
133719	*Chief Zibassa*	Prince Rupert	1912	Vancouver, B.C.	77 0	18 0	7 4	60	41	7 sc.	The Canadian Fish & Cold Storage Co., Ltd., Prince Rupert, B.C.
94820	Chieftain	Victoria	1890	Victoria, B.C.	79 5	16 5	7 8	65	39	22 sc.	Achates Tow Boat Co., Ltd., Vancouver, B.C.
92698	Chieftain	Winnipeg	1889	Big Forks, Rainy River, Ont.	52 0	12 0	.5 4	40	27	2 sc.	F. W. Coates, Fort Frances, Ont.
125963	Chignecto	Parrsboro	1908	Port Greville, N.S.	78 6	17 8	7 2	86	36	16 sc.	Peter J. Walker, Port Hawkesbury, N.S.
134040	Chila Chula	Victoria	1913	Fort George, B.C.	65 5	16 4	3 0	101	64	2 pa.	Fort George Trading & Lumber Co., Ltd., Fort George, B.C.
87034	[3]Chilco	Vancouver	1883	Govan, G. B.	154 0	22 0	12 4	309	197	80 sc.	Union Steamship of British Columbia, Ltd., Vancouver, B.C.

126945	Chilcotin	Victoria	1910	Soda Creek, B.C.	134	5	23	5	4	5	435	274	21 pa.. John K. McLennan and Alan J. Adamson, Winnipeg, Man.
138163	*China Hat*	Vancouver	1916	Vancouver, B.C.	51	4	15	5	5	6	30	20	4 sc.. Gosse Millerd Packing Company Limited, Vancouver, B.C.
117158	Chinook	New Westminster	1889	Astoria, Ore., U.S.A.	59	0	14	5	4	3	34	23	2 sc.. William H. Hind, Vancouver, B.C.
107726	*Chinook*	Vancouver	1900	Vancouver, B.C.	46	8	12	3	6	9	22	15	15 sc.. John Percival Wall, Victoria, B.C.
122372	*Chipmunk*	Vancouver	1907	Vancouver, B.C.	23	0	5	9	2	5	2	1	1½ sc.. Allan Purvis, Vancouver, B.C.
100753	Chippewa ⊙	Toronto	1893	Hamilton, Ont.	308	5	36	3	12	5	1,514	764	188 pa.. Canada Steamship Lines, Limited, Montreal, Que.
138536	*Chiralite*	Toronto	1917	Vancouver, B.C.	78	6	18	5	7	8	95	59	8 sc.. International Petroleum Co., Ltd., Toronto, Ontario.
130234	Choctaw	Port Stanley	1911	Collingwood, Ont.	75	0	16	3	7	7	53	36	16 sc.. Malcolm McIver and Percy L. Glover, J.O., Port Stanley, Ont.
130865	*Choreboy*	New Westminster	1911	New Westminster, B.C.	35	2	9	6	3	0	11	8	1½ sc.. Joseph W. Pike, New Westminster, B.C.
131058	Christena Mac	Port Arthur	1913	Port Arthur, Ont.	48	0	11	7	4	0	14	10	6 sc.. Charles S. Gerow, Rossport, Ont.
83103	Christina	Richibucto	1886	Mission Point, Que.	70	3	17	2	5	5	57	36	20 pa.. W. Glover and K. Shieves, Campbellton, N.B.
86714	Christine	Ottawa	1881	Port Glasgow, G.B.	126	0	17	2	9	9	140	95	40 sc.. John S. Thom, Quebec, Que.
138358	*Chuckwalla*	Vancouver	1917	Vancouver, B.C.	67	8	14	3	7	9	54	37	5 se.. The Packers Steamship Co., Ltd., Vancouver, B.C.
138357	*Chummie II*	Vancouver	1914	North Vancouver, B.C.	35	0	11	0	5	0	14	10	3 sc.. Wallace Shipyards, Ltd., North Vancouver, B.C.
131127	Chumuy	Ottawa	1905	Rockland, Ont.	49	4	9	8	4	4	22	12	2 se.. William E. Beaton, Ottawa, Ont.
137955	*Chuparosa*	Vancouver	1915	Lund, B.C.	39	8	11	7	4	4	17	11	1 se.. Defiance Packing Co., Ltd., Vancouver, B.C.
134062	*Chuqualla*	Vancouver	1913	Vancouver, B.C.	39	5	9	0	3	8	13	9	2 sc.. John A. Pauline, Vancouver, B.C.
61153	[4]Churchill	Owen Sound	1864	Buffalo, N.Y., U.S.A.	110	0	18	5	9	3	150	94	75 se.. E. J. Harrison, M.O., Owen Sound, Ont.
126419	Cingalee	Toronto	1905	Toronto, Ont.	65	5	13	0	5	0	59	23	10 se.. The Minister of Public Works, Ottawa, Ont.
96137	Circassian Prince	Toronto	1889	Wallsend, G.B.	272	0	38	1	26	1	2,258	1,453	200 se.. International Petroleum Company, Limited, Toronto, Ont.
130858	*Circle B*	Vancouver	1911	Eburne, B.C.	42	0	10	4	3	7	13	9	1 sc.. Dominie Burns, Vancouver, B.C.
134632	*Circle, W*	Victoria	1912 1917	Tete Jaune Cache, B.C. South Port George, B.C.	59	8	11	5	2	7	35	26	4 se.. Jacob M. Collins, South Port George, B.C.
133795	Cisco	Port Stanley	1918	Port Stanley, Ont.	67	0	16	6	6	8	42	28	13 sc.. Harley Taylor, Port Stanley, Ont.
111561	City Queen	Midland	1900	Midland, Ont.	70	5	15	7	4	5	69	42	10 se.. W. E. Preston, Ltd., Midland, Ont.
111919	City of Bala	Toronto	1901	Bala, Ont.	76	3	12	7	4	8	74	47	3 se.. Anglo-Canadian Leather Co., Ltd., Huntsville, Ont.
92734	City of Chatham	Toronto	1888	Toronto, Ont.	125	6	31	5	9	0	362	246	150 sc.. St. Joe Island and Sault Line, Ltd., Sault Ste. Marie, Ont.
138772	*City of Clinton*	Victoria	1914	Tacoma, Wash., U.S.A.	43	2	14	9	5	8	25	13	3 se.. Nootka Packing Co. Ltd., Vancouver, B.C.
126647	City of Dover	Port Dover	1916	Port Dover, Ont.	74	8	20	4	7	0	81	55	15 sc.. Wm. F. Colbe, Port Dover, Ont.
126197	City of Dresden	Windsor, Ont	1872	Walkerville, Ont.	93	0	23	2	8	8	132	76	9 se.. John S. McQueen, Amherstburg, Ont.
126448	City of Edmonton	Kenora	1909	Strathcona, Alta.	132	0	26	8	4	0	301	190	9 pa.. John Walter, Ltd., Edmonton, Alta.
126401	City of Haileybury	Ottawa	1908	Kippewa, Que	67	0	12	3	6	7	38	26	8 se.. John Cunningham, Mattawa, Ont.
126526	[5]City of Hamilton	Ottawa	1871	Buffalo, N.Y., U.S.A.	220	0	32	5	14	0	1,367	630	80 sc.. Canada Steamship Lines, Ltd., Montreal, Que.
107942	City of Ladysmith	St. Catharines	1900	Hamilton, Ont.	69	6	16	0	5	2	35	24	12 se.. Chas. Ross, Port Maitland, Ont.
92390	[6]City of London	Quebec	1888 1892	Kingston, Ont.	120	0	27	0	7	8	516	291	37 sc.. Achille Bernier, St. Joseph de Levis, Que.
126545	City of Lund	Vancouver	1909	Lund, B.C.	55	5	13	5	6	9	49	34	9 sc.. Frederick G. Thulin, M.O., Lund, B.C.
117082	City of Meaford	Collingwood	1906	Meaford, Ont.	111	0	24	0	8	5	328	223	28 sc.. The Collingwood Steamship Co., Ltd., Collingwood, Ont.
116393	City of New York	Toronto	1863	Cleveland, O., U.S.A.	136	0	27	6	11	6	292	199	19 sc.. Lake Shore Sand & Gravel Co., Ltd., Toronto, Ont.
122018	[7]City of Ottawa	Ottawa	1871	Buffalo, N.Y., U.S.A.	218	0	32	6	13	7	1,323	671	80 sc.. Canada Steamship Lines, Ltd., Montreal, Que.
122291	City of Prince Albert.	Prince Albert	1906	Prince Albert, Sask	96	0	20	0	4	5	141	89	6 pa.. Prince Albert Lumber Company, Ltd., Prince Albert, Sask.
130280	City of St. Boniface.	Winnipeg	1913	Winnipeg, Man.	100	0	30	0	4	0	314	163	13 pa.. Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.
100645	[10]*City of San Diego*	Victoria	1881	San Francisco, Cal., U.S.A.	67	5	20	5	6	5	52	31	3 se.. Victoria Fishing Co., Ltd., Victoria, B.C.
100134	City of Selkirk	Winnipeg	1892 1909	Selkirk, Man.	143	7	24	0	9	0	293	199	32 sc.. The North West Navigation Co., Ltd., Winnipeg, Man.
122400	City of Vernon	Victoria	1908	Long Lake, B.C.	50	0	11	2	4	7	19	13	5 sc.. Charles C. Pilkey, Vernon, B.C.
130887	*Clan*	Victoria	1909	Victoria, B.C.	27	5	6	9	2	6	3	2	¾ sc.. Robert Allan, Chemainus, B.C.
96762	Clansman	Port Hawkesbury	1890	Port Hawkesbury, N.S.	59	0	10	9	6	6	23	16	12 sc.. Robert Stevenson, Wallace, N.S.
107711	Clansman	Vancouver	1899	Vancouver, B.C.	82	0	17	2	6	8	72	49	5 sc.. Coast Steamship Co , Ltd., Vancouver, B.C.
138490	*Clara Frances*	New Westminster	1917	Steveston, B.C.	40	0	8	6	4	0	12	8	2 sc.. Liverpool Canning Co., Ltd., Vancouver, B.C.
96813	Clara Hickler	Sault Ste. Marie	1882	Buffalo, N.Y., U.S.A.	41	2	11	7	6	3	42	32	4 sc.. John F. Boyd, Sault Ste. Marie, Ont.
111859	Clara May	Owen Sound	1902	Tobermory, Ont.	39	0	10	0	3	6	9	6	½ se.. Thomas B. Fitzpatrick, Meldrum Bay, Ont.
90798	Clara W. Young	Vancouver	1888	New Westminster, B.C.	54	5	13	2	5	2	31	21	4 sc.. Charles Stannard, Vancouver, B.C.
116551	Clare	Maitland	1903	Princeport, N.S.	79	0	21	7	6	9	88	60	— sc.. R. H. Putman, Onslow, N.S.
94984	Clark Bros	Toronto	1890 1901	Toronto, Ont.	80	0	16	2	5	5	92	38	11 sc.. Lawrence Solman, Toronto, Ont.

[1]Formerly "Premier" [2]Formerly "Cheslakee." [3]Formerly "Santa Maria." [4]Formerly "Edsall," "Bayfield" and "Harrison." [5]Foreign name "Japan." [6]Formerly 'Kathleen." [7]Formerly "India." [10]Formerly Sailing Vessel. [11]Formerly "Selma" and "Santa Cecilia."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriètaires conjoints; **M.O.**, Managing owner—propriètaire gèrant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hèlice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es	Breadth in feet and 10th — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c.v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
116465	[1]Claxton	Vancouver	1900 1906	Ballard, Wash., U.S.A.. Vancouver, B.C.	72 1	18 6	7 1	84	57	10 sc...	August Jansen, Uclulett, B.C.
121741	Clayburn	Vancouver	1906	Vancouver, B.C.	73 0	17 9	8 4	76	51	26 sc...	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
112248	Claymore	Vancouver	1902	Vancouver, B.C.	29 4	7 0	2 3	7	5	1 sc...	W. McCarthy, *et al.*, Vancouver, B.C.
111679	Clayton	Parrsboro'	1902	Parrsboro', N.S.	62 8	15 2	5 6	43	24	45 sc...	Mrs. John A. Gregory, St. John, N.B.
103170	Cleeve	Vancouver	1897	New Westminster, B.C.	56 6	12 1	6 3	36	24	8 sc...	William N. Coughlin, Vancouver, B.C.
100755	Cleopatra	Toronto	1893	Hamilton, Ont.	113 5	16 9	9 2	104	71	32 sc...	A. E. Gooderham, Toronto, Ont.
126405	Cliffside	Ottawa	1909	Ottawa, Ont.	70 9	16 8	6 4	68	24	7 sc...	The Minister of Public Works, Ottawa, Ont.
134469	Clincher	Halifax	1892	Camden, N.J., U.S.A.	132 6	25 4	16 0	368	66	81 sc...	War Office, London, Eng.
140937	Clinton	Victoria	1909	Tacoma Wash., U.S.A.	98 0	19 0	6 9	155	84	39 sc...	Pacific Great Eastern Railway Co., Victoria, B.C.
112389	*Clio*	Sydney, N.S.	1904	North Sydney, N.S.	39 5	10 5	5 1	13	13	3 sc...	J. Owen James, Wine Harbour, N.S.
116260	Clipper	Toronto	1903	Midland, Ont.	62 0	13 3	6 6	46	29	17 sc...	The Sable & Spanish Boom & Slide Co., of Algoma, Ltd., Spanish River, Ont.
107197	Clipper	Winnipeg	1897	Kenora, Ont.	69 5	12 0	4 3	53	32	8 sc...	H. E. Armstrong, Kenora, Ont.
111993	Clive	New Westminster	1902	New Westminster, B.C.	54 0	13 0	5 3	35	24	9 sc...	Fraser River Pile Driving Company, Ltd., New Westminster, B.C.
126213	*Clousta*	Vancouver	1908	Vancouver, B.C.	29 0	8 5	3 2	7	4	1 sc...	Charles Gunner Eng., Rock Bay, B.C.
126232	Clovelly	Victoria	1908	Vancouver, B.C.	37 0	9 3	3 8	7	5	1 sc...	Leonard A. Haymon, Kelowna, B.C.
126486	*Cluaran*	Montreal	1905	Gananoque, Ont.	34 0	7 9	6 3	8	6	2 sc...	L. S. Odell, Westmount, Que.
77779	Clucas	Goderich	1882	Goderich, Ont.	60 0	13 8	5 7	28	19	19 sc...	Dominion Fish Co., Ltd., Winnipeg, Man.
111957	Clutha	New Westminster	1903	New Westminster, B.C.	45 0	11 4	4 1	28	19	2 sc...	The St. Mungo Canning Co., Ltd., New Westminster, B.C.
94898	Clyde	New Westminster	1889	Vancouver, B.C.	80 0	16 0	6 0	68	46	5 sc...	J. B. Newcomb, M.O., Vancouver, B.C.
111520	Clymene	St. John, N.B.	1901	St. John, N.B.	39 7	8 0	3 5	10	7	1 sc...	Roy M. Kirk, Holderville, N.B.
116651	Coast Guard	Liverpool	1904	Shelburne, N.S.	77 6	21 6	8 0	110	52	16 sc...	Southern Salvage Co., Ltd., Liverpool, N.S.
138304	Coaster	Vancouver	1916	New Westminster, B.C.	94 0	21 0	7 2	149	99	10 sc...	Coast Steamship Company, Limited, 530 Seymour St., Vancouver, B.C.
86071	Coban	Montreal	1882	Sunderland, G.B.	230 0	33 1	16 0	1,063	689	136 sc...	Black Diamond Steamship Co., Ltd., Montreal, Que.
111938	Coboconk	Lindsay	1902	Coboconk, Ont.	30 7	12 4	3 1	9	6	8 pa..	Mrs. C. McFadden, Fenelon Falls, Ont.
111431	Cock O' the North	Halifax	1902	Dartmouth, N.S.	31 5	5 5	3 3	3	3	8 sc...	George H. Young, Dartmouth, N.S.
130852	*Cohoe*	Vancouver	1911	Seattle, Wash., U.S.A.	44 6	12 6	4 9	19	13	2½ sc...	Wallace Fisheries, Ltd., Vancouver, B.C.
116404	Colby	Victoria	1902	Seattle, Wash., U.S.A.	35 1	9 4	3 1	11	7	12 sc...	W. H. Whitley, *et al.*, Victoria, B.C
134142	Colin R.	Montreal	1913	Three Rivers, Que.	48 5	12 7	3 9	24	11	6 sc...	The St. Maurice Construction Co., Ltd., Montreal, Que.
134347	[3]Colin W.	Montreal	1881	West Bay City, Mich, U.S.A.	252 5	36 4	19 5	1,549	970	98 sc...	Steamer Colin W. Ltd., Quebec, Que.
138518	*Collard*	Quebec	1917	La Grande Romaine, Que.	32 6	10 1	5 1	8	5	2 sc...	Sir Charles L. Ross, Quebec, Que.
96803	Collector	Halifax	1891	Dartmouth, N.S.	63 8	20 8	5 5	52	35	25 sc...	Alfred G. Hefler, Halifax, N.S.

130881	*Colleen*	Victoria	1909	Seattle, Wash, U.S.A.	78 5	14 2	7 1	56	38	4 sc.	Colleen Co. Ltd., Victoria, B.C.
112253	Colleen Ordre	Vancouver	1903	Vancouver, B.C.	28 6	9 0	3 9	5	3	1 sc.	Frederick Keeling, Vancouver, B.C.
126519	*College Widow*	New Westminster	1910	Victoria, B.C.	54 2	15 2	7 5	39	20	2 sc.	Nootka Packing Co., Ltd., Vancouver, B.C.
117089	Collingwood ⊙	Collingwood	1907	Collingwood, Ont.	386 0	50 0	23 0	4,529	3,480	163 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
126926	Colomb	Quebec	1910	Lauzon, Que.	120 6	34 0	15 5	559	338	87 sc.	Levis Ferry, Ltd., Levis, Que.
86911	Colonel By	Prescott		Ogdensburg, N.Y., U.S.A.	45 0	9 2	3 9	9	6	9 sc.	David Eligh, Burritt's Rapids, Ont.
138495	Colonel White	Montreal	1917	Simcoe Ont.	41 7	11 0	3 1	20	13	2 sc.	Riordon Pulp and Paper Co. Ltd., Montreal, Que.
112395	Colonge	Ottawa	1901	Sand Point, Ont.	47 7	17 9	3 6	18	12	20 pa.	Gillies Bros. Co., Ltd., Braeside, Ont.
122012	Colonial	Ottawa	1906	Kippewa Lake, Que.	52 0	12 3	4 4	47	25	9 sc.	Colonial Lumber Co., Ltd., Pembroke, Ont.
103892	Columbia	New Westminster	1896	Nakusp, B.C.	77 0	14 5	6 4	50	34	17 sc.	Canadian Pacific Railway Co., Montreal, Que.
126899	*Columbia*	Vancouver	1910	New Westminster, B.C.	86 6	16 4	7 1	106	64	6 sc.	Columbia Coast Mission (Inc.), Vancouver, B.C.
94939	Comet	Port Hope	1895	Lake Scugog, Ont.	45 0	8 0	1 2	8	3	7 sc.	Josiah Ball, Fesserton, Ont.
94799	Comet	Richibucto	1901	Bass River, N.B.	51 0	9 5	3 7	21	14	15 sc.	John D. Walker, Bass River, N.B.
92450	Comet	Toronto	1887	Milford Bay, Ont.	60 0	11 5	5 0	20	14	2 sc.	The Rathbun Co., Deseronto, Ont.
90523	[1]Comfort	Wallaceburg	1891	Rondeau, Ont.	43 0	13 0	3 3	14	12	10 sc.	Daniel Eberts, Wallaceburg, Ont.
97067	Commodore	Halifax	1891	Charlottetown, P.E.I.	48 2	9 8	5 0	13	8	20 sc.	William N. Wickwire, Halifax, N.S.
103450	Commodore	Ottawa	1895	Carleton Place, Ont.	36 2	8 2	3 0	3	3	6 sc.	Colin McIntosh, Carleton Place, Ont.
107487	Commodore	Sault Ste Marie	1885	Manitowoc, Wis., U.S.A.	59 0	[3]4 5	7 3	40	22	6½ sc.	Lake Superior Paper Company, Limited, Sault Ste. Marie, Ont.
122363	Commodore	Vancouver	1907	Vancouver, B.C.	119 6	26 1	14 5	318	216	52 sc.	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
116267	Commodore Jarvis	Amherstburg	1903	Bronte, Ont.	109 0	27 0	6 0	287	127	11 sc.	Philip M. Mullen, Amherstburg, Ont.
117015	Commodore McRae	Vancouver	1905	Vancouver, B.C.	22 7	6 2	3 0	2	2	½ sc.	Forest Mills of British Columbia, Ltd., Revelstoke, B.C.
100202	Comox	Vancouver	1891	Vancouver, B.C.	101 0	18 1	5 2	101	60	24 sc.	Vancouver Machinery Depot, Ltd., Vancouver, B.C.
130927	[5]Compton	Montreal	1882	Detroit, Mich., U.S.A.	241 0	36 9	18 6	1,530	937	91 sc.	George Hall Coal Company of Canada Ltd., B.C. Montreal, Que.
138360	*Condit*	Vancouver	1917	Vancouver, B.C.	35 9	9 9	5 8	15	10	2 sc.	Pacific Mills Ltd., Vancouver, B.C.
116653	[6]Connors Bros	Yarmouth	1904	Shelburne, N.S.	97 0	21 6	9 0	145	64	30 sc.	The Maritime Steamship Co., Ltd., Black's Harbour, N.B.
138233	[7]Conqueror	Montreal	1883 1917	Buffalo, N.Y. U.S.A. Sorel, Que.	110 6	19 3	8 5	166	91	55 sc.	The Sincennes McNaughton Line, Ltd., Montreal, Que.
100412	Constance	Ottawa	1891	Owen Sound, Ont.	115 6	19 6	11 2	185	126	50 sc.	The Minister of Customs, Ottawa, Ont.
103686	Constance	Toronto	1898	Gravenhurst, Ont.	82 0	13 6	5 0	52	35	2 sc.	J. C. Little, Rosseau, Ont.
116463	Constance	Vancouver	1903	Vancouver, B.C.	35 8	9 5	3 8	11	8	2 sc.	Arthur R. Barrow, Hills Island, B.C.
64996	Contest	Quebec	1872 1895	Quebec, Que. Lévis, Que.	132 3	23 0	10 5	274	123	100 pa.	Canadian Bank of Commerce, H.O. Toronto, Ont.
126459	Contrecoeur	Sorel	1910	Sorel, Que.	83 3	22 7	8 1	174	74	48 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
130885	Conveyor	Victoria	1912	Tete Jaune Cache, B.C.	141 7	34 8	5 2	725	457	15 pa.	John W. Stewart, Vancouver, B.C.
130399	*Coocoocache*	Montreal	1910	Grandes Piles, Que.	23 6	4 6	2 3	1	1	½ sc.	J. C. Giroux, Montreal, Que.
134073	*Coogee II*	Vancouver	1913	Vancouver, B.C.	35 8	9 0	3 8	12	8	1 sc.	Pacific Mills, Ltd., Vancouver, B.C.
100205	Coquitlam	Vancouver	1892	Vancouver, B.C.	120 0	22 0	9 6	256	166	28 sc.	The Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C.
111933	Cora	Lindsay	1902	Port Perry, Ont.	55 3	9 9	4 6	23	16	1 sc.	J. B. Bowerman, Port Perry, Ont.
92445	Cora	Toronto	1887	Toronto, Ont.	32 3	7 5	3 2	4	3	1 sc.	Oliver B. Sheppard, Toronto, Ont.
126878	*Cora Gertie*	Digby	1911	Deer Island, N.B.	64 0	16 3	7 0	30	24	½ sc.	Geo. C. Crocker and E. R. Crocker, J.O., Freeport, N.S.
130787	*Cora Wells*	Port Hawkesbury	1913	White Haven, N.S.	44 4	11 8	5 8	13	13	½ sc.	John Munroe, Aulds Cove, N.S.
134241	*Corhendon*	Toronto	1908	Hamilton, Ont.	43 0	7 5	3 3	6	4	1 sc.	James W. E. Henderson, *et al.*, J.O., Hamilton, Ont.
116220	Corinne	Montreal	1903	St. Joseph de Lévis, Que.	48 5	12 3	5 0	23	9	4 sc.	W. J. Poupore, Montreal, Que.
71609	[8]Cornwall	Kingston	1874	Kingston, Ont.	176 6	27 1	9 9	588	304	61 pa.	John Donnelly, M.O., Kingston, Ont.
103673	Corona ⊙	Toronto	1896	Toronto, Ont.	270 3	32 4	12 5	1,274	649	310 pa.	Canada Steamship Lines Ltd., Montreal, Que.
138588	*Corrine Gutro*	St. John, N.B.	1914	Pre d'en-haut, N.B.	61 5	20 0	4 7	49	33	1 sc.	William Gutro, Pre d'en-haut, N.B.
126177	Corsande	New Westminster	1907	New Westminster, B.C.	29 6	8 0	3 6	8	6	1 sc.	British Canadian Lumber Corporation, Ltd., Montreal, Que.
99224	Corunna	Montreal	1891	Leith, G.B.	230 0	34 1	19 7	1,269	792	99 sc.	Corunna Shipping Co., Ltd., Halifax, N.S.
133853	[2]*Corycia*	Vancouver	1913	Vancouver, B.C.	31 0	9 2	3 6	6	6	¼ sc.	George H. Wales, Vancouver, B.C.
138526	*Corzo*	Vancouver		British Columbia	32 5	9 4	4 0	1	6	2 sc.	Northern B.C. Fisheries, Ltd., Vancouver, B.C.
138498	*Couchiching*	Montreal	1917	Iroquois Falls Ont.	72 7	18 5	3 6	43	26	3 sc.	Abitibi Power & Paper Co., Ltd., Montreal, Que.
138485	*Coulee*	New Westminster	1912	Steveston, B.C.	38 0	9 6	3 8	12	8	1 sc.	Packers Steamship Co., Ltd., Vancouver, B.C.
138068	[9]Courcelette	Ottawa	1896	Nyack, U.S.A.	118 0	16 6	9 5	111	62	36 sc.	Quebec Harbour Commissioners, Quebec, P.Q.
107890	Courier	Montreal	1900	Montreal, Que.	36 9	9 3	6 2	12	8	3 sc.	Harbour Commissioners of Montreal, Montreal, Que.

[1]Formerly "Queen of Pacific." [2]Formerly a sailing vessel. [3]Formerly "Stanstead," and Foroign name "Clyde." [4]Formerly "Vera." [5]Formerly "Massachusetts." [6]Formerly Granville." [7]Foreign name "Wm. L. Proctor," [8]Formerly "Algerian." [9]Foreign Name "Juanita".

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

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Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
116775	Coutli	Vancouver	1904	Vancouver, B.C.	71 4	18 8	9 8	99	68	28 sc.	Claude S. Thicke and N. R. Whittall, J. O., Vancouver, B.C.
133874	[2]*Covalli*	Vancouver	1909	Seattle, Wash., U.S.A.	54 7	10 3	3 5	17	12	6 sc.	Columbia Valley Irrigated Fruit Lands, Ltd., Calgary, Alta.
121837	*Covenhoven*	St. John, N.B.	1906	Southampton, G.B.	28 0	8 1	4 2	11	6	8 sc.	Sir William Van Horne, Montreal, Que.
126210	Cowichan	Vancouver	1908	Ayr, Scotland	157 1	32 1	13 5	962	520	151 sc.	Gordon T. Legg, Vancouver, B.C.
126233	Craigflower	Victoria	1908	Victoria, B.C.	65 0	12 3	2 8	21	12	2 pa.	James J. Sloan, Port Essington, B.C.
116844	Crawford	Owen Sound	1905	Wiarton, Ont.	86 0	15 9	6 5	50	37	31 sc.	W. M. Tyson, Wiarton, Ont.
111533	Crescent	Vancouver	1896	Vancouver, B.C.	28 6	7 7	2 6	3	2	1 sc.	Wesley Newton, Vancouver, B.C.
126231	Creston	Victoria	1908	Nelson, B.C.	35 4	8 9	2 7	5	3	1 pa.	George W. Hale, Nelson, B.C.
107796	Cricket	St. John, N.B.	1894	St. John, N.B.	36 5	7 3	3 6	5	3	4 sc.	Hon. J. Israel Tarte, Montreal, Que.
126895	[1]Crofton	Vancouver	1910	Vancouver, B.C.	55 0	16 8	7 2	45	30	3 sc.	Mrs. F. J. Whitcroft, Vancouver, B.C.
134640	Crombie	Victoria	1916	Chase, B.C.	90 3	21 3	4 6	162	102	6 pa.	Adams River Lumber Company, Limited, Chase, B.C.
75434	Cruiser	Toronto	1887	Portsmouth, Ont.	87 5	14 5	6 5	86	48	20 sc.	John B. Miller, Toronto, Ont.
122368	*Cruiser*	Vancouver	1907	Fir, Wash., U.S.A.	29 0	9 2	4 3	12	8	1½ sc.	Davidson-Ward Co., Ltd., Vancouver, B.C.
104606	[3] Cruizer	Halifax	1895	Port Glasgow, G.B.	150 0	24 5	13 0	380	24	112 sc.	The Cruizer Towing Company, Ltd., Halifax, N.S.
134572	*Cultus*	New Westminster	1911	Eburne, B.C.	36 0	8 9	5 0	13	9	2 sc.	Abernethy & Lougheed, Ltd., Port Haney, B.C.
133858	[4]*Cumshewa*	Vancouver	1906	Winslow, Wash., U.S.A.	35 2	11 0	4 1	11	8	2 sc.	Claud C. Ketchum, Prince Rupert, B.C.
130677	[5]*Cunner*	Lunenburg	1911	Tancook, N.S.	40 8	10 0	5 2	11	10	⅔ sc.	Thomas Smith, Port Mouton, N.S.
137871	[5]*Cupola*	Yarmouth	1915	La Have, N.S.	72 0	22 4	8 8	80	68	2¾ sc.	Edgar B. Ehrgott, Yarmouth, N.S.
138307	*Cuprit*	Vancouver	1916	Vancouver, B.C.	46 1	11 4	5 2	14	10	3 sc.	The Granby Consolidated Mining, Smelting & Power Co., Ltd., Vancouver, B.C.
130558	*Cuprum*	Vancouver	1911	Vancouver, B.C.	59 5	11 4	5 8	29	19	3½ sc.	Whalen Pulp & Paper Mills, Ltd., Vancouver, B.C.
100663	Curlew	Belleville	1895	Kingston, Ont.	35 2	7 0	2 9	9	6	5 sc.	H. A. Cartwright, Belleville, Ont.
100413	Curlew	Ottawa	1892	Owen Sound, Ont.	116 3	19 8	11 3	158	96	50 sc.	The Minister of the Naval Service, Ottawa, Ont.
122178	Curlew	Port Arthur	1896 1903 1907	Ogdensburg, N.Y., U.S.A. " Port Arthur, Ont.	77 0	16 5	8 0	85	58	24 sc.	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
116698	*Cygnet*	Kenora	1904	Kenora, Ont.	32 0	9 0	3 0	4	3	1 sc.	George R. Crowe, Winnipeg, Man.
111877	Cygnet	Liverpool	1902	Yarmouth, N.S.	37 3	9 9	5 0	11	8	2 sc.	Liverpool Fish Co., Ltd., Liverpool, N.S.
117019	*Cygnet*	Vancouver		Vancouver, B.C.	25 8	10 4	3 4	6	4	2 sc.	The Maple Ridge Creamery & Fruit Canning Co., Ltd., Port Hammond, B.C.
112290	Cygnet	Winnipeg	1902	Selkirk, Man.	50 0	12 0	4 5	18	12	2 sc.	Nelson River Packing Co., Ltd., Selkirk, Man.
103579	Cynthia	Collingwood	1897	Collingwood, Ont.	60 0	11 6	6 4	35	24	4 sc.	Dominion Fish Co., Ltd., Winnipeg, Man.
107896	*Cynthia (The)*	Montreal	1900	Racine, Wis., U.S.A.	18 0	4 5	2 0	1	1	1 sc.	F. Adams Briggs, Sherbrooke, Que.
121729	Cypress Queen	Vancouver	1905	Actaeon Sound, B.C.	33 0	10 0	4 8	17	11	2 sc.	Charles Thulin, Lund, B.C.
103907	Czar	Victoria	1897	Victoria, B.C.	101 0	21 5	11 0	152	93	56 sc.	Imperial Munitions Board, Ottawa, Ont.

138180	*D.C.F. No. 1*	Prince Rupert	1917	Georgetown, B.C.	34 6	12 2	6 0	14	10	2 sc...	Deep. C. Fisheries, Ltd., Prince Rupert, B.C.
134273	*D. M. K.*	Victoria	1912	Victoria, B.C.	25 5	7 2	3 4	4	3	⅔ sc...	Henry J. Ketchen, Victoria, B.C.
138420	D. A. Thomas	Winnipeg	1916	Peace River, Alta	161 9	37 0	6 3	1,114	798	21 p.a..	Peace River Development Corporation, Ltd., Vancouver, B.C
122283	D. D. Mann	Shelburne	1907	Shelburne, N.S.	73 0	21 6	4 3	130	89	13 sc...	The Town of Lockport, N.S.
122029	*D. F. Co. 4*	Liverpool	1907	Lunenburg, N. S.	26 6	9 8	4 5	7	6	1 se...	John F. Seldon, Liverpool, N.S., and William H. Doggett, Whitepoint, N.S., J.O.
85415	[6]D. J. Burke	Midland	1882	St. Catharines, Ont.	71 0	18 2	8 8	97	47	10 sc...	Canadian Stewart Co., Ltd., Toronto, Ont.
100725	[7]D. J. Purdy	Montreal	1893	Montreal, Que.	142 2	24 4	8 4	500	315	34 pa..	The Crystal Stream Steamship Co., Ltd., St. John, N.B.
71134	D. P. Doy	Montreal	1866	Buffalo, N.Y., U.S.A.	35 1	11 0	4 1	11	6	6 se...	Lyon Cohen, Montreal, Que.
71104	D. R. Van Allen	Toronto	1874	Chatham, Ont.	136 0	26 0	10 0	318	216	87 sc...	Norman M. Paterson, Fort William, Ont.
126655	D. S. Pratt	Midland	1911	Midland, Ont.	81 3	20 0	10 5	161	74	42 sc..	The Canadian Dredging Co., Ltd., Midland, Ont.
90530	D. W. Crow	Chatham, Ont.	1902	Chatham, Ont.	63 0	13 0	6 0	31	18	6½ sc...	Norman Trotter, Little Current, Ont.
116361	D. McLeod	Goderich	1903	Goderich, Ont.	69 3	15 0	6 5	36	25	11 sc...	Dominion Fish Co., Ltd., Winnipeg, Man.
107682	[8]Dack	Bellevillo	1898	Clayton, N.Y., U.S.A.	46 5	9 3	3 3	18	12	5 sc...	Wm. and W. G. Black, Belleville, Ont.
130823	*Dagon*	Lunenburg	1912	Tancook, N.S.	45 0	10 4	5 8	13	12	1 se..	Ernest Covey, M.O., Tancook, N.S.
112222	*Dahinda*	St. John, N.B.	1902	St. Joseph, Mich., U.S.A.	25 5	6 0	2 3	2	1	4½ sc...	R. S. FitzRandolph, Fredericton, N.B.
100657	Daisy	Ottawa	.....	Alexandria Bay, N.Y., U.S.A.	39 0	6 1	3 1	2	2	5 se...	G. B. Magee, Merrickville, Ont.
100465	Daisy	Quebec	1893	Quebec, Que.	41 6	11 0	4 5	15	10	12 sc..	The Minister of Public Works, Ottawa, Ont.
112245	Daisy	Vancouver	1902	Vancouver, B.C.	35 8	9 8	4 2	13	9	8 sc...	Robert Hanna, Vancouver, B.C.
88375	Daisy	Vancouver	1885	Comox, B.C.	71 0	14 4	5 6	47	25	11 sc...	Edmund and George H. Kinnie, J. O. West Vancouver, B.C.
111457	Daisy	Winnipeg..	1901 1912	Selkirk, Man. Wasa Bay, Man.	69 0	15 2	6 0	58	39	9 se...	Northern Fish Company, Limited, Selkirk, Manitoba.
103658	Daisy Moore	Winnipeg	1884 1900	Lorain, O., U.S.A. Kenora, Ont.	57 0	12 0	5 2	38	21	3 se...	John W. Short, Kenora, Ont.
130731	[5]*Daisy Z.*	Lunenburg	1911	Little Tancook, N.S.	39 6	10 0	5 4	11	10	⅔ sc..	Solomon Zinck, Blandford, N.S.
130312	Dalhousie City ⊙	Toronto	1911	Collingwood, Ont.	199 8	37 0	20 7	1,256	752	115 sc...	Mackenzie, Mann & Co., Limited, Toronto, Ont.
138063	Dalton K.	Ottawa	1915	Sturgeon Falls, Ont.	46 6	11 2	5 6	21	12	3 sc...	Chas. Williams, M.O., Sturgeon Falls, Ont.
97119	D'Alton McCarthy	Collingwood	1893 1909	Collingwood, Ont. Amherstburg, Ont.	65 8	15 5	6 0	45	30	14 sc...	Wm. G. Goodchild, Tp. of Malden, Ont.
126824	*Dan Patch*	Lunenburg	1909	Tancook, N.S.	41 2	10 8	5 6	12	12	3 se...	Albert Conrad, Upper La Have, N.S.
116805	Dandy	Sorel	1905	Hull, Que.	72 0	17 0	8 0	77	36	19 sc..	The Laurin & Leitch Engineering and Construction Company, Limited, Montreal, Que.
116726	Daniel	St. John, N.B.	1904	St. John, N.B.	50 8	12 9	5 8	30	21	14 sc...	River Valley Lumber Co., Ltd., Oromocto, N.B.
112065	[5]Daniel M. Munro	Windsor, N.S.	1892	Dumbarton, G.B.	220 7	35 0	21 0	1,216	888	18 sc...	Newport Plaster, Mining and Manufacturing Company, Limited, Windsor, N.S.
122028	Daphne	Liverpool	.....	U.S.A.	44 0	10 4	4 6	11	7	5 sc...	R. B. H. Robertson, Bridgewater, N.S.
122364	*Daphne*	Vancouver	1906	Lund, B.C.	26 0	7 3	2 9	9	6	⅜ sc...	William R. Armson, Lund, B.C.
131160	*Daphrona*	Vancouver	1912	Hong Kong	57 3	13 0	8 0	41	28	3½ sc...	Fitzherbert B. Oakdene, Victoria, B.C.
122375	Daring	Vancouver	1907	Vancouver, B.C.	72 0	17 8	8 0	81	55	16 sc...	William W. White, Vancouver, B.C.
116948	*Dart*	Kenora	1904	Kenora, Ont.	21 0	6 0	2 3	2	1	4 sc...	Scott Hudson Building Co., Ltd., Kenora, Ont.
90889	Dartmouth	Halifax	1888	Yarmouth, N.S.	136 0	28 4	10 7	311	196	75 pa..	The Dartmouth Ferry Commission, Dartmouth, N.S.
134314	Daughter of the Peaks (The).	Kenora	1910	Banff, Alta.	58 0	11 9	4 0	17	12	6 se...	John Standly, Banff, Alta.
111599	Dauntless	New Westminster	1901	New Westminster, B.C.	92 0	20 5	9 5	128	89	27 sc...	Westminster Towing & Fishing Co., Ltd., New Westminster, B.C.
90579	Dauntless	Toronto	1884	Gravenhurst, Ont.	44 6	8 0	4 5	8	5	1 se...	S. C. Macdonald, Dunnville, Ont.
122361	*Dauntless*	Vancouver	1902	Bellingham, Wash., U.S.A.	32 1	7 3	3 5	10	7	3 sc...	James S. Emerson, Vancouver, B.C.
130872	*Dauphnie*	New Westminster	1911	New Westminster, B.C.	23 4	6 7	2 0	4	3	½ sc..	Martin Monk, New Westminster, B.C.
85306	David G. Thomson	Montreal	1883	Kingston, Ont.	103 3	17 3	9 8	182	75	200 sc...	Montreal Transportation Co., Ltd., Montreal, Que.
116368	David Marwick	Goderich	1905	Tobermory, Ont.	60 0	13 8	6 2	30	20	13 sc...	Howard L. Leslie, Tobermory, Ont.
112168	David Ritchie	Chatham, N.B.	1903	Chatham, N.B.	61 0	14 0	5 1	25	16	14 sc...	Allan Ritchie, Newcastle, N.B.
134487	David Seath	Montreal	1915	Montreal, Que.	67 5	18 5	8 8	111	52	28 sc...	Harbour Commissioners of Montreal, Montreal, Que.
130589	*Davis McNab*	Halifax	1912	Mahone Bay, N.S.	68 6	17 5	8 7	53	34	2½ sc...	Harbour Ship Company, Ltd., Halifax, N.S.
130541	*Davy Jones*	Vancouver	1907	Everett, Wash., U.S.A.	73 0	12 3	5 4	34	23	6 sc...	B. C. Mills, Tug & Barge Co., Ltd., Vancouver, B.C.

[1]Formerly "Burin." [2]Foreign name "Little Willie.' [3]Formerly "Flying Buzzard." [4]Foreign name "Aura.' [5]Formerly a Sailing Vessel. [6]Formerly "Waubaushene." [7]Formerly "Sincennes." [8]Formerly "Dean."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.** Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
100636	[3]Dawendeena	Victoria	1892	Victoria, B.C.	33 4	11 5	4 5	10	7	1 sc.	Wm. Burrows, North Vancouver, B.C.
90820	Dawn	Port Hope	1888	Lakefield, Ont.	48 0	10 4	6 5	20	16	10 sc.	S. Purser, Hall's Bridge, Ont.
121833	Dawn	St. John, N.B.	1902	St. John, N.B.	26 0	7 0	3 0	5	3	1½ sc.	Simeon Wellington Conrad, St. Croix, N.B.
112174	Dawn	Toronto	1900	Toronto, Ont.	27 0	6 5	2 0	3	2	1 sc.	Jos. Cooper, Bracebridge, Ont.
107836	Dawson	Victoria	1901	White Horse, Y.T.	167 0	34 0	4 5	779	491	19 pa.	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
116695	Day Star	Kenora	1903	Kenora, Ont.	34 0	8 5	4 0	13	9	½ sc.	Albert Naymark, Kenora, Ont.
133888	*Dazlayne*	Vancouver	1910	Tacoma, Wash., U.S.A.	34 5	10 5	3 9	13	9	1 sc.	C. L. Packing Company, Limited, New Westminster, B.C.
130998	*De Grace*	Chatham, N.B.	1913	Shippigan, N.B.	38 0	11 0	5 3	13	10	1 sc.	James De Grace, Shippigan, N.B.
126225	*De Los*	Sarnia	1900	Sombra, Ont.	16 7	4 6	1 5	1	1	¼ sc.	Thomas W. Whiteley, Sombra, Ont.
131020	De Quen	Quebec	1913	St. Henri de Taillon, Que.	75 0	17 5	6 7	94	46	6 sc.	Jean Baptiste Simard, M.O., St. Jérôme, Que.
107494	De St. Juste	Quebec	1893	St. Laurent, Isle of Orleans, Que.	37 5	7 7	3 3	5	4	8 sc.	Jean Baptiste E. Letellier, Quebec, Que.
131069	*De Witt*	Lunenburg,	1908	Lunenburg, N.S.	43 9	11 0	5 5	12	11	⅜ sc.	David Rhodenizer, Port Medway, N.S.
130497	*Deborah*	New Westminster	1912	Annieville, B.C.	29 5	8 4	3 0	6	4	[illegible] sc.	Jens Gundersen, Annieville, B.C.
116744	Defiance	Halifax	1904	Shelburne, N.S.	64 7	13 7	6 5	38	26	13½ sc.	Frank Roberts, Liverpool, G.B.
107717	Defiance	Vancouver	1897	Tacoma, Wash., U.S.A.	62 0	16 0	5 1	43	29	5 sc.	Frank Monk and Vivian Doran, Vancouver, B.C.
126806	Delbert D.	Liverpool	1910	Meteghan River, N.S.	61 0	15 3	7 6	41	16	14 sc.	The Southern Salvage Co., Ltd., Liverpool, N.S.
130621	*Delemon LeBlanc*	Yarmouth	1911	Wedgeport, N.S.	37 6	10 7	4 6	10	9	1 sc.	John Shand, Bear Point, N.S.
130948	*Delia II*	Lunenburg	1912	Tancook, N.S.	41 4	10 4	5 3	12	11	⅜ sc.	Thomas Cashen, Port Felix, N.S., and Anson W. Fader, Canso, N.S.
96856	Delila	Sarnia	1896	Port Huron, Michigan, U.S.A.	32 0	6 2	3 4	4	3	2 sc.	Jos. David, Carmanah, Ont.
130532	[2]*Delilah C*	Montreal	1907	Bayonne, N. J., U.S.A.	56 5	10 1	4 4	23	16	3½ sc.	Louis E. Charron, St. Denis, Que.
61134	Delisle	Montreal	1869	Buffalo, N.Y., U.S.A.	62 4	14 8	7 4	46	17	50 sc.	The Minister of Public Works, Ottawa, Ont.
134279	*Della C*	Victoria	1914	Victoria, B.C.	41 4	11 4	6 2	20	10	2 sc.	Hume B. Babington, Prince Rupert, B.C.
138167	*Dell Martin*	Vancouver	1916	Nanaimo, B.C.	42 2	11 0	4 6	14	10	2 sc.	Wm. J. Gillis, Brechin P. O., Nanaimo, B.C.
117004	*Delphia*	Vancouver	1902	Tacoma, Wash., U.S.A.	16 0	5 2	1 7	1	.....	¼ sc.	Hugh P. Smith, Vancouver, B.C.
134063	*Delphinium*	Vancouver	1912	Vancouver, B.C.	47 5	12 0	4 0	31	21	2 sc.	Kenzaburo, Gondo, Vancouver, B.C.
90618	Delta	Moncton	1889 1895	Hillsboro, N.B. Hopewell Cape, N.B.	34 5	12 8	4 8	20	12	15 sc.	Edward Kinnie, Riverside, Albert Co., N.B.
100644	Delta	Vancouver	1889	Victoria, B.C.	47 5	9 5	4 4	15	10	6 sc.	Abernethy & Lougheed, Ltd., Port Haney, B.C.
121669	Denisa	Quebec	1905	Portneuf, Que.	55 8	14 8	6 4	38	26	6 sc.	La Cie Generale d'Entreprises Publiques, Levis, Que.
131107	Denise S.	Montreal	1912	Sorel, Que.	54 6	14 6	6 4	54	26	16 sc.	The Cedars Rapids Manufacturing & Power Co., Montreal, Que.
130708	*Denman*	Vancouver	1911	Steveston, B.C.	35 8	9 0	4 0	10	7	⅜ sc.	Ling Choy and Ling Hop, J.O., Sidney, B.C.
126066	*Derry*	Charlottetown	1909	Canoe Cove, P.E.I.	38 4	9 2	2 9	6	5	2 sc.	John T. Inman, Canoe Cove, P.E.I.

107422	Derry Carne	Brockville	1900	Racine, Wis., U.S.A.	15 5	4 5	2 8	3	2	1 sc.	W. D. Morris, Ottawa, Ont.
126554	Des Brisay	Vancouver	1909	Vancouver, B.C.	48 5	13 2	5 2	33	23	7 sc.	Genoa Bay Lumber Co., Ltd., Victoria, B.C.
133953	Deschaillons	Sorel, Que.	1914	Sorel, Que.	93 0	22 5	9 0	214	76	48 sc.	The Minister of Marine and Fisheries, Ottawa, Can.
96986	Despatch	New Westminster	1888	Revelstoke, B.C.	54 0	10 8	4 5	37	23	2 pa.	Columbia & Kootenay Steam Nav. Co., Ltd., Nelson, B.C.
103297	Despatch	New Westminster	1889	Seattle, Wash., U.S.A.	33 6	9 0	2 9	7	5	1 sc.	The Alberta & B. C. Exploration Co., Ltd., London, Eng.
130910	*Dexter*	Vancouver	1911	Seattle, Wash., U.S.A.	40 0	12 5	5 2	23	15	1 sc.	Peter Wallace, Vancouver, B.C.
100695	Diamond	Parrsboro	1894	Pictou, N.S.	43 3	12 4	5 6	23	15	10 sc.	The Nova Scotia Shipping Co., Ltd., Halifax, N.S.
77607	[3]*Dianthus*	Liverpool	1909	Montague Bridge, P.E.I.	58 0	18 8	7 0	49	33	1 sc.	N. Ingram Countway, *et al.*, Chester Basin, N.S.
122254	Dick	Quebec	1906	Montmagny, Que.	71 4	16 0	4 4	42	27	8 pa.	Price Bros. & Co., Ltd., Quebec, Que.
134367	Dick T.	Quebec	1914	Sorel, Que.	64 0	15 2	6 3	44	20	16 sc.	Canadian Bank of Commerce H. O., 23 King St. W., Toronto, Ont.
103930	Dickson	Peterborough	1890	Simcoe, Ont.	28 6	10 0	3 3	16	10	20 pa.	The French River Boom Co., Ltd., Midland, Ont.
133867	Digges	Vancouver	1880	Victoria, B.C.	69 3	14 2	6 7	64	44	18 sc.	Clarence N. Marpole, Vancouver, B.C.
137946	*Dinty Moor*	Vancouver	1912	Vancouver, B.C.	38 5	10 6	4 5	26	17	2 sc.	N. S. Lougheed and G. G. Abernethy, J.O., Port Haney, B.C.
137879	[3]*Dirigible*	Sydney, N.S.	1913	Conquerall Bank, N.S.	36 2	10 0	5 5	12	11	⅜ sc.	John McLennan, M.O., New Campbellton, N.B.
130619	Distributor	Victoria	1912	Kamloops, B.C.	143 0	35 0	5 3	624	393	17 pa.	John M. Mercer, Vancouver, B.C.
59906	Diver	Quebec	1869	St. Thomas, Que.	72 5	23 5	8 4	86	59	22 sc.	Pierre Bégin, Quebec, Que.
138173	*Dixie Rupert*	Prince Rupert	1909	Vancouver, B.C.	27 7	7 4	3 4	7	5	1 sc.	Reginald L. Newcomb, Prince Rupert, B.C.
133891	*Doane*	Parrsboro	1913	Port Greville, N.S.	129 6	33 9	11 8	352	291	1 sc.	Thomas Rice, Port Arthur, Texas, U.S.A.
126214	*Dodger*	Vancouver	1908	Port Moody, B.C.	30 5	8 7	3 0	5	3	3 sc.	Louis Anderson, Vancouver, B.C..
122517	Dola	Vancouver	1907	Vancouver, B.C.	96 3	21 8	10 9	176	120	39 sc.	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
100664	Dolce	Kingston	1894	Gananoque, Ont.	42 3	7 4	2 9	5	3	8 sc.	J. W. Church, Gananoque, Ont.
133937	Dollard ⊙	Ottawa	1913	Kingston, Ont.	178 6	31 9	15 3	761	323	116 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
107219	Dolly	Winnipeg	1900	Winnipeg, Man.	24 0	7 0	3 0	3	1	8 sc.	A. J. McPherson, Dauphin, Man.
111928	Dolly Gray	Toronto	1900	Dorset, Ont.	35 5	7 0	2 8	5	3	1 sc.	William Howard, Baysville, Ont.
116304	*Dolphin*	Charlottetown	1904	Charlottetown, P.E.I.	34 2	9 4	3 9	7	7	1 sc.	Frank Andrew, New Glasgow, P.E.I.
80680	Dolphin	Ottawa	1881	Montreal, Que.	74 4	18 5	8 1	70	37	32 sc.	Ottawa Transportation Co., Ltd., Ottawa, Ont.
107596	Dolphin	Owen Sound			49 0	12 5	5 1	24	17	33 sc.	Jas. Playfair and D. L. White, Jr., J.O., Midland, Ont.
92441	Dolphin	Toronto	1871	E. Cowes, I. of W., Eng.	50 0	10 0	4 3	13	9	4 sc.	The Savanagh Lumber Co., Ltd., Penetanguishene, Ont.
122349	*Dolphin*	Toronto	1906	Toronto, Ont.	24 0	4 8	2 7	2	1	½ sc.	George M. Henry, Gregory, Muskoka, Ont.
111992	Dolphin	Vancouver	1902	Lund, B.C.	47 4	11 0	5 8	20	14	9 sc.	Pacific Construction Company, Limited, Vancouver, B.C.
111922	Dolphin E.	Toronto	1901	Bayonne City, N.J., U.S.	36 0	6 8	2 2	6	4	— sc.	Miss Minnie McVicar, Paris, Ont.
134415	*Dom*	Vancouver	1914	Vancouver, B.C.	28 0	8 5	3 8	6	4	1 sc.	Vancouver Creosoting Company, Limited, 1308 Standard Bank Bldg., Vancouver, B.C.
116414	Dominion	Victoria	1904	Victoria, B.C.	57 5	11 8	4 4	18	10	6 sc.	William E. Gardner, Victoria, B.C.
131108	*Dominion Park No. 1*	Montreal	1910	Sorel, Que.	25 5	5 3	2 5	2	2	½ sc.	Adelard A. Cherrier, Montreal, Que.
138044	*Dominion Tender*	Port Hawkesbury	1917	Margaree, N.S.	55 0	13 0	7 0	40	31	2 sc.	Dominion Fisheries, Ltd., Halifax, N.S..
107108	Don	Victoria	1898	Victoria, B.C.	27 8	7 8	3 5	4	3	1 sc.	John T. Braden, Victoria, B.C.
111788	Don	Victoria	1902	Victoria, B.C.	38 2	8 2	3 9	12	6	2 sc.	Robert W. Buller, Victoria, B.C.
130844	*Don Q*	Vancouver	1911	Lund, B.C.	33 8	8 6	3 7	10	7	1½ sc.	John Todd, Vancouver, B.C.
126147	*Don de Dieu*	Sorel	1907	Sorel, Que.	31 0	6 8	2 2	3	2	1 sc.	Pierre Beauchemin, Sorel, Que.
111963	Donald	Picton, Ont.	1907	Napanne, Ont.	36 0	8 7	3 2	10	7	½ sc.	John Thompson, South Bay, Ont.
133947	Donld H. McDonald	Ottawa	1913	Arnprior, Ont.	43 6	12 3	4 8	31	17	5 pa.	McLachlin Bros., Ltd., Arnprior, Ont.
134452	Donald Mac	Toronto	1914	Toronto, Ont.	71 0	17 0	8 1	70	47	13 sc.	Charles F. J. C. Morgan, Port Stanley, Ont.
137904	Donald Patrick Russell	Toronto	1917	Toronto, Ont.	40 5	11 0	5 0	16	5	8 sc.	Abitibi Power & Paper Co., Ltd., Montreal, Que.
131034	*Doncella*	Vancouver	1908	Tacoma, Wash., U.S.A.	70 8	12 8	3 1	27	18	4 sc.	Corporation of the District of West Vancouver, West Vancouver, B.C.
131035	*Donna Isabel*	Vancouver	1912	Vancouver, B.C.	49 5	11 0	5 0	17	12	3 sc.	Western Packers, Ltd., Vancouver, B.C.
94988	[4]Donnelly	Toronto	1863	Montreal, Que.	142 0	24 7	8 8	319	90	43 pa.	The Donnelly Salvage & Wrecking Co., Ltd., Kingston, Ont.
96710	Dora	Ottawa	1889	Opemican Lake, Que.	61 6	13 0	5 5	48	44	30 sc.	The Minister of Public Works, Ottawa, Ont.
133999	Dora M.	Chatham, N.B.	1913	Tabusintac, N.B.	50 0	11 0	4 0	24	10	2 pa.	Andrew McLean and George McLean, J.O., Tabusintac, N.B.
111764	Dorcas	Brockville	1897	Kingston, Ont.	31 2	5 6	3 0	3	2	½ sc.	Dr. W. F. Jackson, Brockville, Ont.
131219	*Doret*	Sydney, N.S.	1914	Sydney, N.S.	20 1	5 2	2 4	2	1	½ sc.	Alfred J. Hollyer, Sydney, N.S.
116263	[5]Doric	Toronto	1903	Toronto, Ont.	260 0	43 2	25 2	2,359	1,452	106 sc.	Canada Steamship Lines, Limited, Montreal, Que.

[2]Foreign name "Delilah." [3]Formerly a sailing vessel. [4]Formerly "Eurydice" and "Hastings." [5]Formerly "Tadousac."

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Abbreviations—Abréviations: **J.O.**, Joint owners—propriètaires conjoints; **M.O.**, Managing owner—propriètaire gèrant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hèlice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
138662	*Doris J. Lyons*	Barrington Passage	1917	Port Latour, N.S.	47 4	13 3	5 8	23	21	1 sc.	D. M. Lyons and S. G. Crowell, Barrington Passage, N.S.
138677	*Doroth Kalon*	Prince Rupert	1916	Prince Rupert, B.C.	4 2	12 8	6 0	17	11	2 sc.	T. A. Kelly, Logging and Lumber Co., Ltd., Vancouver, B.C.
111562	Dorothe	Toronto	1900	Penetanguishene, Ont.	33 0	8 4	3 3	8	6	1 sc.	W. F. Thomson, Rose Point, Ont.
130288	Dorothea D.	St. Catharines	1914	Stromness, Ont.	57 9	14 0	7 0	45	31	2 sc.	Arthur L. Dougher, Stromness, Ont., and Merrill Jenkinson, Dunnville, Ont., J.O.
117110	Dorothy	Ottawa	1903	Cache Bay, Ont.	48 0	9 0	3 0	12	8	6 sc.	R. Booth, R. W. Gordon and G. Gordon, J.O., Pembroke, Ont.
122016	*Dorothy*	Ottawa	1906	North Bay, Ont.	35 6	10 2	3 6	5	3	¾ sc.	Jno. M. and Herbert Wallace, J.O., Cobalt, Ont.
122370	*Dorothy*	Vancouver	1907	Vancouver, B.C.	31 8	8 6	4 1	10	7	1 sc.	Duncan Bell-Irving, Vancouver, B.C.
111980	Dorothy	Victoria	1902	Vancouver, B.C.	42 5	10 2	4 8	20	13	9 sc.	Wm. E. Gardner, Victoria, B.C.
138741	*Dorothy Earl*	Yarmouth	1918	Yarmouth, N.S.	69 9	17 2	7 0	39	37	2 sc.	The Yarmouth Fishing Co., Ltd., Yarmouth, N.S.
126771	*Dorothy F.*	Richibucto	1910	Richibucto, N.B.	32 6	10 4	5 0	14	12	½ sc.	James A. Mills, Hardwick, N.B.
138038	*Dorothy F. Nickerson*	Barrington Passage	1917	Woods Harbour, N.S.	36 0	9 4	5 0	10	10	⅔ sc.	Roy L. Nickerson, Woods Harbour, N. S.
126879	[3]*Dorothy G. Snow*	Halifax	1911	Shelburne, N.S.	98 0	23 0	9 8	98	91	3 sc.	The Schooner "Romaine" Ltd., Montreal, Que.
116878	Dorothy J.	St. Catharines	1907	Dunnville, Ont.	34 0	10 0	4 5	10	7	3 sc.	John F. Crawford and Saunders Hoover, Tp. Dunn, Haldimand, Ont.
137997	*Dorothy, M. B.*	Arichat	1915	Poirierville, N.S.	32 0	10 4	5 7	12	12	1 sc.	Martin Baccardax, Poirierville, N.S.
130284	Dorothy May	St. Catharines	1912	Port Dalhousie, Ont.	53 1	15 0	9 1	55	29	19 sc.	William Hand, Port Dalhousie, Ont.
122497	Dorothy N.	Chatham, N.B.	1907	Newcastle, N.B.	69 0	17 8	5 3	46	29	12 sc.	The Newcastle Steamboat Co., Ltd., Newcastle, N.B.
133835	*Dorval*	Montreal	1912	Kingston, Ont.	60 5	13 8	4 0	26	18	3 sc.	Royal St. Lawrence Yacht Club, Dorval, Que.
134414	*Dot*	Vancouver	1910	Nanaimo, B.C.	26 1	8 0	3 5	8	5	½ sc.	William Cruickshank, Nanaimo, B.C.
130376	*Dotken*	Peterboro'	1907	Lindsay, Ont.	24 8	5 8	2 4	3	2	½ sc.	C. B. Routley, Peterborough, Ont.
103212	Dottie	Ottawa	1888	Carleton Place, Ont.	25 4	5 2	2 1	1	1	3 sc.	Mrs. Jeannie F. Ferguson, North Bay, Ont.
98030	[1]Douglas	Victoria	1881	Renfrew, G.B.	214 0	25 0	14 7	741	459	160 sc.	John J. Alexander, Mazatlan, Mexico.
130237	Douglas H.	Port Stanley	1912	Port Stanley, Ont.	73 2	16 9	7 3	54	37	11 sc.	Rudolph H. Long, Port Stanley, Ont.
101291	Douglas H. Thomas	Sydney, N.S.	1892	Maryland, U.S.A.	116 5	21 0	13 0	212	98	57 sc.	The Dominion Coal Co., Ltd., Montreal, Que.
137908	Douglas I.	Toronto	1917	Loring, Ont.	41 0	10 3	3 7	13	9	1 sc.	James Ludgate, Parry Sound, Ont.
126002	[2]Douglas M.	Southampton	1896	Buffalo, N.Y., U.S.A.	71 4	17 0	6 2	58	39	14sc.	Donald B. McAulay, Southampton, Ont.
130891	*Dowagiac*	Victoria	1912	Victoria, B.C.	31 2	8 5	4 5	10	5	1 sc.	Mrs. George Watson, Victoria, B.C.
130615	*Dragon Fly*	Victoria	1911	Bay City, Mich., U.S.A.	39 4	10 6	5 0	15	9	2½ sc.	Stanalis Vassilin, Vancouver, B.C.
131148	Dreadful	Vancouver	1912	South Shields, G.B.	118 5	25 2	13 8	253	92	74 sc.	Canadian Western Lumber Co., Ltd., Fraser Mills, B.C.
88235	Dream	Ottawa	1886	Kingston, Ont.	50 6	10 3	4 2	12	9	10 sc.	The Minister of Customs, Ottawa, Ont.
92356	Dream	St. John, N.B.	1881	Newark, N.J., U.S.A.	63 9	14 1	5 0	45	30	12 sc.	F. S. Heans, St. John, N.B.
138331	*Drowse*	St. John, N.B.	1916	Boston, U.S.A.	32 7	6 0	2 6	4	3	1 sc.	Judson E. Hetherington, Codys, N.B.
138617	*Druet*	Chatham, N.B.	1915	Burnt Church	39 0	11 5	4 5	13	11	½ sc.	Mrs. May Druet, Chatham, N.B.
112393	Druid ⊙	Ottawa	1902	Paisley, G.B.	160 0	30 1	12 5	503	193	59 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.

141001	Du Chene	Quebec	1918	Leclercville, Que.	43 0	11 7	5 7	24	15	4 sc..	Alain Joly de Lotbiniere, Leclercville, Que.
133996	DuVal	Chatham, N.B.	1910	Campbellton, N.B.	53 0	13 0	3 0	28	18	3 pa..	Restigouche Log Driving & Boom Co., Campbellton, N.B.
103342	Duchess of York	Montreal	1890	Montreal, Que.	156 8	25 3	9 4	490	262	39 pa..	King Edward Park Co., Ltd., Montreal, Que.
116896	Dufferin	Halifax	1905	Shelburne, N.S.	108 0	25 0	8 6	211	99	42 sc..	Charles A. Murdoch, *et al.*, Sherbrooke, N.S.
111442	Dundaff	Ottawa	1899	Hull, Que.	30 5	6 9	3 6	2	1	4 sc..	P. Waters, Hull, Que.
126199	E. A. Shores, jr.	Windsor, Ont.	1892	Cheboygan, Wis., U.S.A.	162 0	34 0	11 0	593	310	69 sc..	John G. Mullen, Amherstburg, Ont.
125977	E. B. Osler ⊙	Toronto	1908	Bridgeburg, Ont.	491 3	56 0	26 5	6,787	4,361	203 sc..	Canada Steamship Lines, Limited, Montreal, Que.
126643	E. C. Oggel	Port Dover	1874	Grand Haven, Mich., U.S.A.	53 0	13 0	7 5	26	17	3 sc..	Carl Williams, Port Burwell, Ont.
103822	E. E. Frost	Cornwall	1885	Buffalo, N.Y., U.S.A.	38 0	11 4	5 0	13	9	4 sc..	Joseph J. Fallon, *et al.*, J.O., Cornwall, Ont.
130370	*E. E. Lowe*	Sydney, N.S.	1912	Louisburg, N.S.	42 9	10 0	7 2	16	15	1 sc..	Clarence A. Lowe, Sydney, N.S.
96705	E. G. Laverdure	Ottawa	1889	Ottawa, Ont.	66 6	13 7	5 0	54	49	22 sc..	E. A. D. Morgan, Montreal, Que.
137963	*E. L. Archeveque No.1*	Montreal	1914	Vercheres, Que.	21 7	5 2	1 9	1	1	¼ sc..	Euclede L. Archeveque, Montreal, Que.
137964	*E L. Archeveque No.2*	Montreal	1914	Montreal North, Que.	20 0	5 1	1 8	1	1	½ sc..	Euclede L. Archeveque, Montreal, Que.
130355	[3]*E. L. Comeau*	Arichat	1910	L'Ardoise, N.S.	42 0	12 5	6 6	20	19	⅛ sc..	Alexander A. Boudrot, Petit de Grat, N.S.
134467	*E. Misener*	Halifax	1916	Liscomb, N.S.	46 2	13 5	7 0	23	23	½ sc..	Nathan G. Misener, M. O., Liscomb, N.S.
100883	E. Ross	St. John, N.B.	1894	St. John, N.B.	41 9	15 3	5 1	30	20	7 sc..	James Leonard, St. John, N.B.
116986	Eagle	Kenora	1905	Kenora, Ont.	32 0	9 6	4 0	12	8	⅛ sc..	Dominion Fish Co., Ltd., Winnipeg, Man.
107694	Eagle	Toronto	1898	Port Severn, Ont.	34 5	8 3	3 5	10	7	8 sc..	James Moreau, Port Severn, Ont.
111549	Eagle	Vancouver	1901	Vancouver, B.C.	48 5	14 5	6 0	35	24	11 sc..	James F. Malkin, Vancouver B.C.
111454	Eagle	Winnipeg	1900	Selkirk, Man.	32 0	10 5	3 6	7	6	8 sc..	Nelson River Packing Co., Ltd., Selkirk, Man.
94906	Earl	New Westminster	1890	Vancouver, B.C.	72 0	16 0	7 0	75	50	21 sc..	The Victoria Transportation Co., Ltd., Victoria, B.C.
137892	Earl Bess	Toronto	1914	Wallaceburg, Ont.	81 0	20 0	10 2	118	65	30 sc..	James A Henning, Port Burwell, Ont.
130239	East Side	Port Stanley	1912	Collingwood, Ont.	76 6	16 6	6 9	50	31	13½ sc..	Claire Thorn, *et al.*, J.O., Port Stanley, Ont.
131202	Eastern Passage	Liverpool	1913	Liverpool, N.S.	65 5	14 0	6 4	36	17	10 sc..	Nova Scotia Construction Co., Ltd., Sydney, N.S.
134071	Eastholm	Vancouver	1913	Vancouver, B.C.	93 0	24 3	6 8	197	118	16 sc..	Frank Waterhouse & Company of Canada, Ltd., Vancouver, B.C.
122334	Eau Claire	Vancouver	1906	North Vancouver, B.C.	32 0	8 7	3 0	8	5	⅔ sc..	William S. Dives, Vancouver, B.C.
137926	Ebess	Chatham, N.B.	1915	Chatham, N.B.	62 4	16 3	7 0	63	16	16 sc..	Charles Reinsborrow, Chatham, N.B.
126546	*Ebros*	Vancouver	1908	Vancouver, B.C.	38 4	5 3	2 9	4	3	1 sc..	William F. Silver, Vancouver, B.C.
122536	*Echo*	Vancouver	1902	Anacortes, Wash., U.S.A.	31 5	9 3	3 6	12	8	1 sc..	James S. Emerson, Vancouver, B.C.
134090	*Echo II*	Vancouver	1914	Vancouver, B.C.	43 5	11 5	5 0	21	14	2 sc..	Arthur C. Little, Port Moody, B.C.
138221	[4]Edamena	Montreal	1910	Greenwich, Conn., U.S.A.	75 3	14 0	9 7	54	37	8 sc..	Frederick W. Molson, 906 Notre Dame St. E., Montreal, Que.
116253	Eddie B	Toronto	1902	Victoria Harbour, Ont.	29 6	10 0	2 9	9	6	1 sc..	David Baker, Midland, Ont.
96815	Edgar P. Sawyer	Sault Ste. Marie	1886	Buffalo, N.Y., U.S.A.	49 0	13 8	5 0	52	41	— sc..	W. J. McMenemy, Bruce Mines, Ont.
103933	Edith	Chatham, N.B.	1897	Chatham, N.B.	56 0	12 3	5 9	22	15	12 sc..	Thomas Charleson, Ottawa, Ont.
122511	Edith	Vancouver	1907	Vancouver, B.C.	56 9	14 6	6 8	47	32	13 sc..	Alexander H. Douglas, Vancouver, B.C.
103901	Edith	Victoria	1897	Victoria, B.C.	67 0	14 0	5 5	42	26	9 sc..	The B. C. Canning Co., Ltd., London, Eng.
121908	*Edith C*	Barrington Passage	1906	Clarko's Harbour, N.S.	39 0	13 4	6 3	16	15	½ sc..	Eugene Wilcox, Grand Manan, N.B.
134461	Edith H	Halifax	1915	Allandale, N.S.	75 0	21 8	7 3	85	58	18 sc..	Alfred G. Hefler and John H. Kelly, Halifax, N.S.
138446	*Edith M. Green*	Weymouth	1917	Gilberts Cove, N.S.	111 0	28 7	10 7	225	187	1 sc..	"Edith M. Green" Co., Ltd., Halifax, N.S.
107368	Edna	Toronto	1898	Parry Sound, Ont.	64 0	11 5	5 7	55	30	3 sc..	Mrs. Carrie E. Pratt, Parry Sound, Ont.
134601	*Edna C*	Winnipeg	1913	Winnipeg, Man.	48 5	10 0	5 0	21	15	2 sc..	George Moore, M.O., St. James, Man.
134578	*Edna F*	New Westminster	1914	New Westminster, B.C.	33 0	9 8	5 0	11	8	1 sc..	Edward J. Falk, New Westminster, B.C.
111789	Edna Grace	Victoria	1903	Victoria, B.C.	58 0	14 5	6 7	42	22	8 sc..	Wm. E. Gardner, Victoria, B.C.
107135	Edna Ivan	Goderich	1900	Goderich, Ont.	79 2	16 0	7 2	54	36	21 sc..	Wm. J. Keen and Jos. Millman, J. O., Meldrum Bay, Ont.
116873	Edna K	St. Catharines	1903	Youngstown, N.Y., U.S.A.	48 0	12 3	4 5	22	15	2 sc..	Joseph H. Aldridge, Thetford, Ont. and N. S.Cornell, Pt. Stanley, Ont.
133878	*Edna M*	Vancouver		U.S.A.	29 0	9 0	3 0	9	6	½ sc..	Judson E. Palmer, Vancouver, B.C.
100321	Edna R	Yarmouth	1892	Yarmouth, N.S.	67 0	15 6	5 6	50	24	40 sc..	The Mud Island Lobster Co., Ltd., Yarmouth, N.S.
112249	Edna W	Vancouver	1903	Vancouver, B.C.	40 0	9 1	4 9	15	10	3 sc..	Packers' Steamship Co., Ltd., Vancouver, B.C.
134230	Edouard G	Montreal	1914	Sorel, Que.	69 0	16 0	7 5	71	32	24 sc..	Gulf Pulp and Paper Co., Clark City, Que.
126923	Edward Alfred	Quebec	1910	Chicoutimi, Que.	85 5	21 0	7 5	139	51	32 sc..	La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.
85426	Edward Blake	St. Catharines	1884	Port Robinson, Ont.	48 7	12 2	4 9	22	15	12 sc..	William Birmingham, Ottawa, Ont.
134013	Edward C. Whalen	Port Arthur	1913	Port Arthur, Ont.	76 0	19 1	10 0	113	77	35 sc..	Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
131182	Ed. Conroy	Peterborough	1913	Peterborough, Ont.	36 4	9 8	4 4	11	7	1 sc..	Edward Conroy, Peterborough, Ont.

[1]Formerly "Horsa." [2]Foreign name "Alert." [3]Formerly a sailing vessel. [4]Foreign name "Millio K II".

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

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116389	Edward Fisk	Port Arthur	1883 1909	Buffalo, N.Y., U.S.A. Port Arthur, Ont.	70 0	16 0	9 0	73	50	28 sc.	Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
130263	Edward Long	Ottawa	1905	Ottawa, Ont.	42 0	7 0	2 3	9	6	⅛ sc.	John A. Long, Ottawa, Ont.
134552	Edward S.	Port Burwell	1914	Port Stanley, Ont.	62 6	16 4	7 4	52	36	13 sc.	Edwin Smale, M.O., Malahide, Ont.
138021	Edwin Price	Kenora	1912	Simcoe, Ont.	34 0	9 5	3 0	14	9	2 sc.	Shevlin Clarke Company, Limited, Fort Frances, Ont.
134124	*Egret Plume*	New Westminster	1913	Vancouver, B.C.	50 0	11 3	4 7	23	16	2 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
103213	Eileen	Ottawa	1893	Moose Creek, Ont.	41 8	9 8	3 2	11	9	15 sc.	Mrs. Stella Ann Kelly, Montreal, Que.
121730	[2]*Eileen*	Vancouver	1904	Vancouver, B.C.	23 1	9 0	4 4	8	7	½ sc.	Thomas Halliday, Vancouver, B.C.
126423	*Eileen G.*	Vancouver	1908	Vancouver, B.C.	26 0	7 5	3 3	6	4	1 sc.	Consolidated Optical Co., Ltd., Toronto, Ont.
134448	Eileen T.	Toronto	1913	Toronto, Ont.	32 0	8 8	4 2	12	8	1 sc.	Roger Miller & Sons, Ltd., Toronto, Ont.
111156	Elaine	St. John, N.B.	1888		112 7	23 8	7 8	272	156	31 sc.	The "Elaine Steamship "Co., Ltd., Halifax, N.S.
126084	*Elaolite*	Vancouver	1908	Vancouver, B.C.	31 7	8 3	4 0	10	7	1 sc.	William H. R. Collister, Vancouver, B.C.
130707	Elco	Vancouver	1911	Castlegar, B.C.	84 8	16 5	5 9	55	30	20 sc.	The Edgewood Lumber Co., Ltd., Castlegar, B.C.
122445	Eldred	St. John, N.B.	1907	The Range, N.B.	51 4	12 6	5 4	25	17	13 sc.	The Lancaster Tug Boat Co., Ltd., St. John, N.B.
97017	Eleanor	St. Catharines	1895	Port Maitland, Ont.	56 0	12 0	5 8	26	18	12 sc.	S. P. Ahearn and Wm. J. Howe, Port Dalhousie, Ont.
126956	*Eleanor Mc.*	Victoria	1911	Victoria, B.C.	37 0	10 6	6 6	15	10	2 sc.	John Wynne, Prince Rupert, B.C.
134563	*Eleanor No. II*	New Westminster	1911	Vancouver, B.C.	36 0	9 0	4 0	13	9	⅝ sc.	Alfred Nelson, Whonnock, B.C.
138151	*Eleanor W.*	Vancouver	1910	NorthVancouver, B.C.	35 0	8 6	3 4	13	9	1 sc.	John J. Woods, North Vancouver, B.C.
121712	*Electra*	Vancouver	1905	Vancouver, B.C.	36 6	7 4	3 5	12	8	1 sc.	Edwin H. Gough, *et al.*, Nanamio, B.C.
100877	Electric	St. John, N.B.	1889	St. John, N.B.	34 0	6 8	3 0	4	3	2 sc.	Frank B. Carvell, Woodstock, N.B.
92449	Electric	Toronto	1887	Toronto, Ont.	69 9	12 4	7 2	49	29	5 sc.	The Gidley Boat Co., Ltd., Penetanguishene, Ont.
131220	Electronic	Sydney, N.S.	1913	Portland, Me., U.S.A.	102 6	23 5	9 6	278	189	46⅝ sc.	Cape Breton Electric Co., Ltd., Sydney, N.S.
134153	*Eleen*	St. John, N.B.	1911	St. John, N.B.	27 9	9 2	3 0	7	6	1 sc.	The Maritime Dredging & Construction Co., Ltd., St. John, N.B.
121957	Elgin E.	Port Stanley	1908	Collingwood, Ont.	75 0	16 0	8 2	66	45	20 sc.	Clare Thorn, M.O., Port Stanley, Ont.
116752	Elgin L. Lewis	Toronto	1904	Orillia, Ont.	70 0	12 3	5 0	50	30	6 sc.	The Lake Nipissing Shipping & Transportation Co., Ltd., Toronto, Ont.
131028	*Elgomar*	Vancouver	1912	Vancouver, B.C.	38 0	10 4	4 5	14	9	1½ sc.	Herbert M. Burritt, Vancouver, B.C.
134166	*Elinor S.*	Yarmouth	1917	Yarmouth, N.S.	68 4	17 2	6 9	38	37	2 sc.	The Yarmouth Fishing Co., Ltd., Yarmouth, N.S.
96880	Elite	Goderich	1894 1916	Goderich, Ont. Wiarton, Ont.	60 0	15 3	5 9	36	24	6 sc.	F. T. James Co., Ltd., Toronto, Ont.
116821	[3]*Eliza Goreham*	Barrington Passage	1904	Port Clyde, N.S.	83 3	22 6	8 2	79	77	1½ sc.	Charles A. Goreham, M.O., Woods Harbour, N.S.
134209	*Eliza T.*	Charlottetown	1918	Port Elgin	42 0	11 2	4 2	16	14	⅝ sc.	Mansel Trenholm, Port Elgin, N.B.
111994	Elk	Vancouver	1902	Vancouver, B.C.	26 2	6 4	3 1	3	2	1 sc.	Wm. Rae, *et al.*, Vancouver, B.C.
107843	Ella	Port Rowan	1898	St. Williams, Ont.	49 2	12 0	4 5	15	10	13 sc.	J. A. Dease and F. H. Pearsall, Port Rowan, Ont.

111492	Ella	Quebec	1900	Quebec, Que	22 2	5 1	2 5	2	1	2 sc.	Pierre A. Guay, Chicoutimi, Que.
121954	Ella C	Port Stanley	1906	Dresden, Ont.	37 0	9 1	3 9	9	5	5/6 sc.	The Minister of Public Works for the Province of Ontario, Toronto, Ont.
134530	*Ella Devaux*	Sydney, N. S.	1917	Little Bras D'Or, N.S.	36 5	12 0	6 4	14	14	1/2 sc.	Albert G. Devaux, Alder Point, Little Bras D'Or, N.S.
130568	*Ella M. Young*	Lunenburg	1910	Tancook, N.S.	44 2	11 5	6 0	15	14	3/4 sc.	Maynard Young, Dover, N.S.
126835	Ella Mary	Toronto	1910	Toronto, Ont.	66 0	11 7	6 1	42	25	9 sc.	Charles J. Gibson, Toronto, Ont.
130285	Ellen V	St. Catharines	1913	Stromness, Ont.	59 5	14 9	7 5	42	28	4 sc.	John Mossip, Port Maitland, Ont., and George Gorrell, Stromness, Ont., J.O.
133843	Ellison	Vancouver	1913	Vancouver, B.C.	56 5	14 8	6 0	49	33	13 sc.	Walkem Towboat Co., Ltd., Vancouver, B.C.
121989	Ellwood	Victoria	1907	Victoria, B.C.	25 6	8 0	3 0	7	5	5/6 sc.	Albert O. Ruscoe, Victoria, B.C.
130450	*Elmarsh*	Vancouver	1911	Vancouver, B.C.	25 0	9 0	4 2	5	4	1/3 sc.	Lawrence A. Genge, Vancouver, B.C.
116353	Elnora T. Bonney	Port Medway	1914	Lunenburg, N.S.	46 2	12 9	7 3	21	19	1 sc.	William McMillan, Lockeport, N.S.
107690	Eloise	Prescott	1881	Athens, N.Y., U.S.A.	67 6	14 5	5 6	41	28	4 sc.	Simeon Salmon, Morrisburg, Ont.
126559	*Elraesenga*	Vancouver	1909	Vancouver, B.C.	31 6	8 1	4 4	8	6	2/3 sc.	Warnett E. Damer, Vancouver, B.C.
122505	*Elsa-May*	Vancouver	1907	Vancouver, B.C.	32 0	10 6	4 5	12	8	1/2 sc.	Ernestine A. Smith, Vancouver, B.C.
92689	Elsie	Pictou, N.S.	1892	New Glasgow, N.S.	56 1	10 3	5 6	22	15	12 sc.	Nova Scotia Lumber Co., Ltd., Sherbrooke, N.S.
122071	Elsie	Toronto	1906	Trenton, Ont.	69 0	16 3	5 4	48	33	10 sc.	Clark, Ltd., Toronto, Ont.
117012	Elsie	Vancouver	1905 1908	Vancouver, B.C. Vancouver, B.C.	50 2	12 0	4 8	33	22	1 sc.	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
100802	[1]*Elsie Bradford*	Victoria	1893	Victoria, B.C.	47 5	13 8	6 8	23	10	1 sc.	Alfred Bradford, Victoria, B.C., and William Robinson, Vancouver, B.C.
130690	*Elsie C*	Lunenburg	1910	Tancook, N.S.	40 2	9 8	5 0	11	10	3/4 sc.	William Cross, Tancook, N.S.
122550	Elsie M	Collingwood	1908 1916	Collingwood, Ont.	63 5	12 7	6 6	38	15	8 sc.	Donald McInnes, Meaford, Ont
134265	Elsie Mac	Midland	1914	Midland, Ont.	51 5	15 0	7 0	55	14	16 sc.	The French River Boom Co., Ltd., Toronto, Ont.
134591	Elsie McDonald	Paspebiac	1915	Cross Point, Que.	56 4	22 1	4 0	54	33	5 pa.	John Quinn, Campbellton, N.B.
96897	Elsie Ross	Ottawa	1889	Carleton Place, Ont.	34 6	7 5	3 0	10	8	18 sc.	David Gillies, Carleton Place, Ont.
131079	*Elsie S*	Lunenburg	1912	Tancook, N.S.	40 0	10 0	5 2	11	10	3/4 sc.	Obed Counteway and Sidney Corkum, Chester Basin, N.S.
131149	*Elsie T*	Vancouver	1912	Vancouver, B.C.	30 8	8 0	3 5	6	4	1 sc.	John Taylor, Vancouver, B.C.
134059	*Elva M. Y*	Lunenburg	1914	Tancook, N.S.	41 4	10 2	5 3	12	11	3/4 sc.	Joseph Smith, Sambro, N.S.
126433	*Embree*	Vancouver	1909	Port Hawkesbury, N.S.	31 5	10 0	4 4	9	6	1 1/2 sc.	The Minister of Lands for the Province of British Columbia, Victoria, B.C.
103749	[2]*Emerald*	Digby	1896	LaHave, N.S.	58 0	17 3	6 5	34	33	5/6 sc.	Willard H. Anderson, Parkers Cove, N.S.
96900	Emile	Ottawa	1892	Ottawa, Ont.	50 0	13 0	5 2	12	8	20 sc.	L. E. Dufresne, *et al.*, J.O., Three Rivers, Que.
131050	Emilia	Sorel	1899	Sorel, Que.	79 1	17 0	8 2	89	30	25 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
138486	*Emilia G*	New Westminster	1917	Port Guichon, B.C.	41 0	11 2	3 8	11	10	1 sc.	V. Martinolich, M.O. Port Guichon, B.C.
117083	Emily May	Collingwood	1906	Collingwood, Ont.	59 0	14 0	6 0	30	20	9 sc.	David Malcolm, Collingwood, Ont.
134458	Emily Stewart	Toronto	1914	Toronto, Ont.	71 0	19 6	8 3	104	48	10 sc.	Miller Lash and Glynn Osler, J.O., Toronto, Ont.
121716	*Emlie*	Vancouver	1900	San Francisco, Cal., U.S.A.	25 0	6 7	2 5	6	4	1/3 sc.	Horace E. Sims, Vancouver, B.C.
107260	Emma	New Westminster	1898	Lake Bennett, B.C.	54 0	16 0	3 0	82	52	3 pa.	Wm. J. Rant, Lake Bennett, B.C.
111444	Emma	Ottawa	1897	Ottawa, Ont.	28 0	7 2	2 4	2	1	3 sc.	W. O. Spearman, Ottawa, Ont.
100430	Emma C	Ottawa	1890	Ottawa, Ont.	24 4	5 1	2 5	1	1	3 sc.	L. J. Coursolles, Ottawa, Ont.
130839	Emma E	Port Arthur	1909	The Pas, Man.	41 0	10 0	4 0	19	13	2 sc.	Herman Finger, Port Arthur, Ont.
130264	Emma G	Ottawa	1900	Coulonge River, Que.	39 0	12 0	3 3	24	15	2 pa.	Gilmour & Hughson, Ltd., Ottawa, Ont.
121992	[2]Emma H	Vancouver	1906	Mahone Bay, N.S.	73 0	22 7	8 3	71	48	7 sc.	Defiance Packing Co., Ltd., Vancouver, B.C.
116543	[3]Emma L	Montreal	1903	Farran's Point, Ont.	68 4	14 8	7 8	56	22	40 sc.	The Sincennes-McNaughton Line, Ltd., Montreal, Que.
130266	Emma Mac	Ottawa	1910	Kippewa, Que.	78 8	18 0	5 6	57	36	24 sc.	John Lumsden, Ottawa, Ont.
130845	*Emoh*	Vancouver	1912	Vancouver, B.C.	44 0	11 0	4 8	17	12	2 sc.	Mrs. Richard Wm. Holland, Vancouver, B.C.
126654	Emperor ⊙	Midland	1910	Collingwood, Ont.	525 0	56 1	27 0	7,031	4,641	199 sc.	Canada Steamship Lines Limited, Montreal, Que.
134631	*Empire Cannery*	Victoria	1915	Vancouver, B.C.	55 0	14 2	6 2	34	23	4 sc.	Charles F. Todd, Victoria, B.C.
116309	Empress	Charlottetown	1906	Newcastle-on-Tyne, G.B.	235 0	34 2	20 0	1,342	612	365 sc.	Canadian Pacific Railway Company, Montreal, Que.
73086	[4]Empress	Montreal	1873 1886	Ottawa, Ont. Montreal, Que.	185 3	27 6	8 1	678	372	152 pa.	The Central Railway Co. of Canada, Montreal, Que.
100422	Empress	Ottawa	1891	Sturgeon Falls, Ont.	63 0	14 3	5 6	36	28	40 sc.	The French River & Nipissing Nav. Co., Ltd., Sturgeon Falls, Ont.
107815	Empress	Peterborough	1899	Lakefield, Ont.	93 0	15 8	5 4	84	57	— sc.	Trent Valley Navigation Co. ,Bobcaygeon, Ont.

[1]Formerly "Selma" and "Shelby," and a sailing vessel. [2]Formerly a sailing vessel [3]Formerly "D. S. Walker." [4]Formerly "Peerless."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
107448	Empress	Vancouver	1897	Hong-Kong	27 6	7 6	3 6	7	5	2½ sc...	O. P. Marshall, Vancouver, B.C.
78009	Empress	Winnipeg	1883	Kenora, Ont.	95 4	20 0	7 0	129	73	150 sc...	The Rat Portage Lumber Co., Ltd., St. Boniface, Man.
135226	Empress of Asia ⊙	Vancouver	1913	Govan, G. B.	570 1	68 2	26 3	16,909	8,883	*22,500 sc.....	Canadian Pacific Railway, Company, Montreal, Que.
98911	Empress of Japan ⊙	Vancouver	1891	Barrow in Furness G.. B...	455 6	51 2	17 1	5,940	3,035	2,000 sc.	Canadian Pacific Railway Co., Montreal, Que.
135197	Empress of Russia ⊙	Vancouver	1913	Govan, G. B.	570 2	68 2	26 3	16,810	8,789	*22,500 sc.....	Canadian Pacific Railway Company, Montreal, Que.
133925	*En Avant*	Chatham, N.B.	1913	Lamek, N.B.	35 0	10 4	4 8	13	11	1 sc...	Andre Acho, Lamek, N.B.
121748	*Ena*	Vancouver	1906	Vancouver, B.C.	22 6	6 4	2 7	2	2	½ sc...	William H. R. Collister, Vancouver, B.C.
122235	[4]Ena A	Port Modway	1907	Clarke's Harbour, N.S...	33 5	12 0	6 0	12	12	½ sc...	Walter S. Leaman, Port Medway, N.S.
122010	[4]*Ena T*	Lunenburg	1907	Tancook, N.S.	42 9	12 4	6 6	17	16	½ sc...	Angus Feltnate, Whitehaven, N.S.
126949	*Enetai*	Victoria	1906	Ballard, Wash., U.S.A....	35 4	8 8	3 2	12	7	½ sc...	William Jackson and Arthur Brockhurst, Victoria, B.C.
126326	*English Bay Roamer*	Vancouver	1908	Vancouver, B.C.	45 9	10 8	4 6	18	12	2 sc...	William Simpson, Vancouver, B.C.
126432	*Enilada*	Victoria	1909	Vancouver, B.C.	64 0	16 0	7 8	57	39	3 sc...	Harbour Shipping Co., Ltd., Vancouver, B.C.
130808	Enola	Vancouver	1902	Ballard, Wash., U.S.A....	43 4	13 2	6 2	26	18	8 sc...	George and Eugene Jeffrey, J.O., Quebec, Que.
122460	Enterprise	Charlottetown	1907	Shelburne, N.S.	108 0	25 0	8 6	211	98	42 sc...	Farquhar & Co., Ltd., Halifax, N.S.
116271	*Enterprise*	Halifax	1903	Ship Harbour, N.S.	58 2	12 3	6 6	24	14	27 sc...	Frank Roberts, Liverpool, Eng.
130804	*Epauline*	Vancouver	1911	Vancouver, B.C.	68 0	17 0	8 0	57	44	3½ sc...	Frank L. Buckley, Point Grey, B.C.
138075	[1]*Ephie L*	Ottawa	1917	Toronto, Ont.	43 2	11 5	5 4	15	9	1 sc...	Minister of Customs, Ottawa, Ont.
103827	Epopt	Paspebiac	1910	Paspebiac, Que.	30 0	8 0	2 9	7	4	1 sc...	Walter F. Hamon, Paspebiac, Quo.
126417	Equal Rights	Toronto	1909	Birkendale, Ont.	42 3	11 2	4 0	14	6	1 sc...	Frederick W. Kemp, Franklin, Ont.
116691	Era	Kenora	1900	Resolution, N.W.T.	53 0	11 5	5 0	50	28	6 sc...	Jas. Hislop, Fort Rae, N.W.T., and Edmund Nagle, Resolution, N.W.T., J.O.
116831	*Eric*	Kingston	1902	Kingston, Ont.	30 3	6 1	2 8	3	2	½ sc...	F. F. Miller, Napaneo, Ont.
134360	Eric R	Montreal	1914	Three Rivers, Que..	61 7	15 4	5 5	47	22	6 sc...	Bellerive Towing Company, Three Rivers, Que.
116815	[7]Eric W	Montreal	1882	Cleveland, O., U.S.A....	221 7	35 4	17 1	1183	810	99 sc...	Steamer "Eric W." Ltd., Quebec, Que.
112048	*Erie*	St. Catharines	1902	St. Joseph, Mich., U.S.A..	18 1	4 6	3 7	2	2	2 sc...	Mrs. Edna R. Price, St. Catharines, Ont.
117194	Erin	Kenora	1905	Fort Frances, Ont.	33 0	8 0	3 3	14	9	1 sc...	Geo. W. Brownlee, Rainy River, Ont.
121761	[2]Erin	Vancouver	1889	Port Blakeley, U.S.A....	92 0	20 0	10 7	135	92	32 sc...	Imperial Munitions Board, Ottawa, Ont.
126270	Erl King	Toronto	1909	Toronto, Ont.	52 0	14 5	8 0	46	25	6 sc...	John E. Russell, Toronto, Ont.
103153	Ermine	Vancouver	1893	New Westminster, B.C....	30 3	7 8	3 2	9	6	4 sc...	Alexander Grierson, Vancouver, B.C...
138481	*Ermis*	New Westminster	1914	New Westminster, B.C...	28 0	7 6	2 6	4	3	½ sc...	Louis Scolari, New Westminster, B.C.
126953	[3]*Ernani*	Victoria	1908	Seattle, Wash., U.S.A.....	45 2	12 3	5 4	18	11	4 sc...	John Musgrave, Victoria, B.C.
122567	Ernice	Peterboro	.....	Unknown	31 6	8 0	4 6	9	6	2 sc...	John A. Aylmer, Peterboro, Ont., and Frederick D. Brown, Toronto, Ont., J.O.

130898	Errand Boy	Victoria	1902	Bonners Ferry, U.S.A.	43	8	9	0	3	7	12	8	2 sc...	Walter Wm. West, Nelson, B.C.
121829	*Erro*	Montreal	1906	St. Henry, Que.	32	5	8	3	5	8	7	5	1 sc...	Whalen Pulp & Paper Mills Ltd., Vancouver, B.C.
130481	*Erroch*	New Westminster	1908	Harrison River, B.C.	20	2	5	2	2	3	2	1	½ sc...	Acton Kilby, Harrison River, B.C.
138825	*Erskine B.*	Lunenburg	1918	Tancook, N.S.	13	2	10	6	5	6	13	12	1 sc...	George Heisler, Alberton, P.E.I.
97010	Escort	St. Catharines	1894	Port Colborne, Ont.	44	8	15	5	9	7	40	27	24 sc...	Montreal Transportation Co., Ltd., Montreal, Que.
126000	Escoumains	Quebec	1907	Les Escoumains, Que.	76	0	16	0	6	0	74	42	17 sc...	Alfred Moffatt, Les Escoumains, Que.
112176	Espanola	Toronto	1897	Toronto, Ont.	36	0	9	0	3	5	7	5	1 sc...	Spanish River Paper and Pulp Co., Ltd., Toronto, Ont.
126335	*Esprit*	Vancouver	1909	Vancouver, B.C.	30	8	8	3	4	3	8	6	¾ sc...	William R. Shand, *et al.*, J. O., Vancouver, B.C.
112066	Estelle	Peterborough	1887	New York, N.Y., U.S.A.	31	0	7	0	3	5	8	6	8 sc...	Charles H. Grylls, Lakefield, Ont.
131136	Estevan	Ottawa	1912	Collingwood, Ont.	212	0	38	0	15	3	1,161	607	174 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
131073	*Estey*	Lunenburg	1912	Lunenburg, N.S.	43	8	10	8	5	0	11	10	⅜ sc...	Geo. Gates and Angus Gates, Lunenburg, N.S.
103923	Esturian	Peterborough	1897	Bobcaygeon, Ont.	94	0	19	0	5	5	139	85	38 pa..	George W. Hatton, Peterboro, Ont.
85527	Esturion	Toronto	1884	Bobcaygeon, Ont.	96	0	17	0	6	2	118	75	31 pa..	The Trent Valley Navigation Co., Bobcaygeon, Ont.
92301	Ethel	Collingwood	1887	Collingwood, Ont.	42	0	10	0	4	4	13	9	8 sc...	Jno. Lendrum, Blind River, Ont.
103332	Ethel	Montreal	1895	Sorel, Que.	64	0	19	2	9	0	72	49	39 sc...	Sincennes-McNaughton Line, Ltd., Montreal, Que.
92710	Ethel Banning	Winnipeg	1890	Fort Frances, Ont.	50	2	13	3	4	9	38	26	3 sc...	The Rainy River Dredging Co., Ltd., Fort William, Ont.
116737	Ethel Jean	Halifax	1904	Ship Harbour, N.S.	59	4	13	8	6	5	48	33	16 sc...	The Grand River Pulp & Lumber Co., Ltd., Halifax, N.S.
130565	[4]*Ethel M. G.*	Lunenburg	1909	Tancook, N.S.	41	0	10	3	5	3	11	10	1 sc...	Arthur Johnson and Fred Johnson, J. O., Indian Harbour, N.S.
103677	Ethel May	Toronto	1897	Mortimer's Point, Ont.	46	5	7	0	3	3	13	9	1 sc...	John Fleming, Mortimer's Point, Ont.
134349	Ethel Q	Montreal	1914	Montreal, Que.	71	0	18	4	8	8	88	45	37 sc...	Quinlan & Robertson, Ltd., Montreal, Que.
103898	Ethel Ross	New Westminster	1897	Kamloops, B.C.	84	0	14	0	4	0	82	52	15 sc...	Claude R. Doxat, M.O., Ashcroft, B.C.
126325	*Ethelda*	Prince Rupert	1908	Vancouver, B.C.	35	4	9	7	5	0	15	10	1½ sc...	William A. and Helen M. Wallace, J. O., Prince Rupert, B.C.
134353	*Ethelwyn*	Montreal	1911	Bayonne, N.J., U.S.A.	29	1	6	4	2	8	3	2	4 sc...	D. Lorne McGibbon, Montreal, Que.
141082	*Etherington*	Shelburne	1918	Port Clyde, N.S.	53	4	13	4	7	0	31	28	1 sc...	John Etherington, *et al.*, Shelburne, N.S.
121755	*Ethola*	Vancouver	1906	Vancouver, B.C.	41	3	10	0	4	9	16	11	1½ sc...	Engvick Limited, Vancouver, B.C.
112334	Ethyll Reid	Collingwood	1904	Collingwood, Ont.	63	0	13	6	6	6	36	25	10 sc..	W. A. Clark, Collingwood, Ont.
77874	Etoile	Quebec	1879	Sorel, Que.	142	0	25	0	7	4	560	317	120 pa..	Ferdinand Boisvert, St. Croix, Que.
122069	*Etta*	Montreal	1906	Maisonneuve, Que.	40	3	10	2	3	9	13	9	2 sc..	The Minister of Railways & Canals, Ottawa, Ont.
122116	Etta	Sydney, N.S.	1907	Sydney, N.S.	30	0	8	5	4	0	7	5	2½ sc...	Albert Alman, Sydney, N.S.
137874	*Etta L.*	Lunenburg	1915	Tancook, N.S.	48	5	13	5	7	0	25	23	1 sc...	A. W. Faderand and F. F. Hawes, Canso, N.S.
64154	Etta White	Vancouver	1871	Freeport, Wash., U.S.A.	93	0	19	6	9	0	111	76	120 sc...	Robert J. Armstrong, *et al.*, J. O., Vancouver, B.C.
122194	Ettie	New Westminster	1907	Galiano Island, B.C.	32	0	9	4	3	3	9	6	¾ sc...	Alexander J. Kolosoff, M.O., Eburne, B.C.
116367	Eu Jennie	Goderich	1905	Goderich, Ont.	52	0	12	0	5	3	22	15	8 sc...	John Lapointe, Spanish River, Ont.
134022	*Euelataw*	Victoria	1913	Victoria, B.C.	49	3	11	5	6	5	23	12	3 sc...	The Minister of Lands for British Columbia, Victoria, B.C.
138341	Eugene F. Moran	Halifax	1902	Philadelphia, Pa., U.S.A.	96	0	22	1	10	9	192	49	43 sc...	War Office, London, England.
111906	Eugenie	Arichat	1901	Detroit, Mich., U.S.A.	35	0	8	0	2	1	5	5	8 sc...	Frederick Perrin, McNabs Islands, N.S.
133772	*Eunice B.*	Victoria	1913	Victoria, B.C.	33	0	9	6	4	5	9	6	1 sc...	The Minister of Lands for British Columbia, Victoria, B.C.
134060	*Eunice F.*	Lunenburg	1914	Tancook, N.S.	41	4	12	0	6	0	16	15	1 sc...	Richard W. Fleming, Ketch Harbour, N.S.
112054	Euphemia	St. Catharines	1903	Port Dalhousie, Ont.	47	0	13	6	6	1	29	20	18 sc...	M. P. and J. T. Davis, Quebec, Que., J. O.
93940	Eureka	Quebec	1893	Glasgow, G.B.	91	7	22	0	11	9	170	70	60 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
103581	Eva	Chatham, N.B.	1895	Douglastown, N.B.	43	0	12	5	5	0	18	12	3 sc...	R. Loggie, M.O., Loggieville, N.B.
122358	*Eva*	Kingston	1906	Kingston, Ont.	28	0	5	8	2	9	3	2	1 sc...	Francis Blake, Barriefield, Ont.
96991	Eva	Vancouver	1891	New Westminster, B.C.	56	0	13	5	4	6	35	24	3 sc...	Horace G. Heay, Vancouver, B.C.
100652	Eva Belle	Kingston	1892	Kingston, Ont.	39	8	7	8	2	7	10	7	6 sc...	The Commissioner of Fisheries, Toronto, Ont.
100552	Eva Boat	Dorchester	1900 1905	Hopewell Cape, N.B.	27	9	7	4	3	6	4	3	1 sc...	Samuel Dunnville, Hopewell Cape, N.B.
130687	[4]*Eva E. L.*	Lunenburg	1909	Little Tancook, N.S.	39	6	10	2	5	4	11	10	⅓ sc...	Manuel Morahs, Dover, N.S.
133680	*Eva G.*	Halifax	1915	Sambro, N.S.	36	0	11	5	4	8	12	11	¾ sc...	Caleb Gray, Sambro, N.S.
80606	Eva Johnson	St. John, N.B.	1880	Yarmouth, N.S.	42	5	12	0	4	8	16	7	21 sc...	A. Fitz Randolph, Fredericton, N.B.
85731	[4]*Eva L. H.*	Shelburne	1883	Mahone Bay, N.S.	65	2	22	0	8	2	62	57	3 sc...	Bradford P. Thorburn, M.O., Sandy Point, N.S.
88370	[5]Eva Marie	Victoria	1884 1913	Victoria, B.C.	108	0	18	4	8	6	126	60	12 sc...	The British Columbia Sulphite Co., Ltd., Vancouver, B.C.
133766	*Eva R.*	Victoria	1913	Victoria, B.C.	33	0	9	6	4	5	9	6	1 sc...	The Minister of Lands for British Columbia, Victoria, B.C.
126345	[4]*Eva S.*	Barrington Passage	1910	Clarks Harbour, N.S.	34	5	11	0	5	8	10	10	1 sc...	Ray C. Jeffrey, Woods Harbour, N.S.
122154	Evangel	Vancouver		U.S.A.	30	0	10	0	3	2	11	8	1 sc...	Herbert Ford, Vancouver, B.C.
77979	Evangeline	Vancouver	1881	Victoria, B.C.	45	0	10	5	5	0	14	9	1 sc...	Mrs. George B. Sparrow, Vancouver, B.C.

[1]Formerly "Effie L." [2]Formerly "Sarah M. Renton." [3]Foreign name "Princess May." [4]Formerly a sailing vessel. [5]Formerly a sailing vessel and formerly "Rainbow" and "Teaser."
[7]Formerly 'Harry E. Packer." *Turbines.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

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Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
83216	Evangeline	Windsor, N.S.	1882	Hantsport, N.S.	81 2	16 8	7 5	69	28	50 sc.	Wm. McFatridge, jr., Halifax, N.S.
122333	*Eve*	Vancouver	1907	Vancouver, B.C.	45 0	12 0	5 7	24	16	2½ sc.	H. Bell-Irving Co., Ltd., Vancouver, B.C.
96876	Evelyn	Goderich	1893	Goderich, Ont.	61 0	13 8	5 3	32	22	9 sc.	Dominion Fish Co., Ltd., Winnipeg, Man.
116520	⁶*Evelyn*	Lunenburg	1904	Lunenburg, N.S.	48 0	13 8	6 0	18	17	⅜ sc.	Almon Hawes, Guysborough, N.S.
111888	Evelyn	Peterboro	1906	Lakefield, Ont.	30 0	6 8	2 8	4	3	½ sc.	J. Blewett, Lakefield, Ont.
117161	Evelyn	Windsor, N.S.	1905	Falmouth, N.S.	51 0	12 4	5 4	14	9	9 sc.	Frank T. Pugsley, Windsor, N.S., and Joseph N. Pugsley, Parrsboro, N.S.
126477	*Evelyn E. F.*	Halifax	1910	East Dover, N.S.	30 0	10 0	4 5	10	8	¾ sc.	Wm. A. Newcombe, Pleasant Harbour, N.S.
138403	*Evelyn H. Mildred.*	Sydney, N.S.	1918	Neils Harbour, N.S.	42 0	13 0	6 4	16	16	½ sc.	Stephen Buckland, Glace Bay, N.S.
97003	Evelyne Hodgkins	St. Catharines	1888	Thorold, Ont.	29 2	7 0	3 6	4	3	5 sc.	Freeman Hodgkins, Toronto, Ont.
107481	Everard	Sault Ste Marie	1900	Gore Bay, Ont.	51 0	13 0	6 0	25	17	12 sc.	M. Graham, Kagawong, Ont.
122544	Evergreen	Vancouver	1901	Ballard, Wash., U.S.A.	49 0	13 5	9 0	39	27	8 sc.	Masset Timber Co., Ltd., Vancouver, B.C.
116453	Evolvo	Vancouver	1903	Vancouver, B.C.	32 5	9 5	4 1	13	9	1 sc.	Alfred Quinn, Broughton Island, B.C.
131004	Ewayea	St. John, N.B.	1912	St. John, N.B.	39 5	8 7	4 6	15	10	3 sc.	John F. Williamson, St. John, N.B.
88682	¹*Excudit*	St. John, N.B.	1885 1913	Portland, N.B. St. John, N.B.	73 5	17 5	7 9	105	89	1 sc.	Roderick A. Cameron, St. John, N.B.
126287	*Exota*	St. John, N.B.	1909	Springfield, N.B.	34 2	9 7	3 3	14	9	3½ sc.	Wm. Elliott Vaughan, Fredericton, N.B.
92438	Express	Toronto	1887	Toronto, Ont.	35 9	7 3	3 6	4	3	1 sc.	John B. Bowerman, Port Perry, Ont.
126522	F. E. C.	Ottawa	1907	Sturgeon Falls, Ont.	37 8	12 0	3 3	22	18	2 pa.	Fred E. Clark, Sturgeon Falls, Ont.
130641	F. N. & B.	Ottawa	1911	Sturgeon Falls, Ont.	28 0	9 6	3 2	12	8	1½ pa.	Fred. E. Clark, Sturgeon Falls, Ont.
133668	⁶*F³ C. Twohig*	Halifax	1910	Sambro, N.S.	40 0	10 5	5 4	10	10	¼ sc.	Andrew Twohig, Pennant, N.S.
130292	*F. H. Phippen*	Prince Rupert	1910	North Vancouver, B.C.	54 4	12 3	6 0	26	17	3½ sc.	Canadian Fish & Cold Storage Co., Ltd., Prince Rupert, B.C.
134032	F. P. Armstrong	Victoria	1913	Spillimacheen, B.C.	81 0	20 0	4 0	126	79	4 pa.	Edward F. Burns, Vancouver, B.C.
103639	F. W. Avery	Ottawa	1895	Simcoe, Ont.	37 0	16 0	3 6	14	9	20 sc.	F. W. Avery, Ottawa, Ont.
134262	F. W. Grant	Midland	1914	Midland, Ont.	75 3	18 0	9 3	119	45	37 sc.	Canadian Dredging Co., Ltd., Midland, Ont.
113782	F. W. Roebling	Halifax	1890	Milford, Del., U.S.A.	102 2	22 1	12 7	162	78	40 sc.	The F. W. Roebling Company, Ltd., Halifax, N.S.
116593	F. Dupré	Montreal	1904	Sorel, Que.	73 6	20 1	9 9	114	70	48 sc.	Sincennes-McNaughton Line, Ltd., Montreal, Que.
126150	F. Paul	Sorel	1909	Sorel, Que.	51 1	12 8	6 7	18	13	12 sc.	Alphonse Desrochers, Sorel, Que.
138489	*Fairbanks*	New Westminster	1914	Tacoma, Wash., U.S.A.	58 0	13 8	6 4	40	31	4 sc.	Packers Steamship Co. Ltd., Vancouver, B.C.
111966	Fairfax	Picton, Ont.	1890	Grand Haven, Mich., U.S.A.	209 0	38 0	21 0	1,367	1,019	83 sc.	Canada Steamships Lines, Ltd., Montreal, Que.
80764	Fairy	Sydney, N.S.	1881	Quebec, Que.	37 1	11 2	5 3	16	9	8 sc.	Geo. M. Fraser, Edwardsville, N.S.
71175	Falcon	Kingston	1874	Kingston, Ont.	40 0	8 8	3 1	13	7	8 sc.	J. G. Richardson, Brockville, Ont.
100700	Falmouth	St. John, N.B.	1898	New Glasgow, N.S.	51 2	15 1	7 3	43	29	17 sc.	Maritime Dredging & Construction Co., Ltd., St. John, N.B.

133859	[2]*Fannieoll*	Vancouver	1909	Burton, Wash., U.S.A.	34 2	11 3	4 5	11	7	2 sc.	Mrs. F. J. Whitcroft, Vancouver, B.C.
96943	Fannie	St. John, N.B.	1875	Philadelphia, Pa., U.S.A.	55 6	12 5	6 3	34	23	8 sc.	The Lancaster Tug Boat Co., Ltd., St. John, N.B.
141117	[7]*Fannie F.*	Vancouver	1907	Bellingham, Wash. U.S.A	30 5	11 0	4 3	13	9	2 sc.	Warren Creelman, Vancouver, B.C.
85322	Fanny Arnold	Owen Sound	1882	Owen Sound. Ont.	89 0	18 0	9 0	73	50	75 sc.	Spanish River Co., Spanish River, Ont.
126205	Farquhar	Vancouver	1908	Vancouver, B.C.	63 3	16 8	8 0	72	49	16 sc.	Kingcome Nav. Co., Ltd., Vancouver, B.C.
121711	*Farragut*	Vancouver	.....	Tacoma, Wash., U.S.A.	27 5	7 1	2 7	8	5	1½ sc.	The Tacoma Steel Company (Incorp.), Vananda, B.C.
122019	Fashion	Ottawa	1893	West Bay City, Mich., U. S.A.	60 8	16 6	6 0	43	27	24 sc.	The Minister of Public Works, Ottawa, Ont.
122197	Faultless	New Westminster	1907	New Westminster, B.C.	102 0	21 0	10 5	145	95	39 sc.	Westminster Towing & Fish Co., Ltd., New Westminster, B.C.
116863	Fay	Ottawa	1904	Ottawa, Ont.	37 0	9 0	3 0	7	6	6 sc.	E. T. Edwards, *et al.*, Ottawa, Ont.
130494	Fearful	New Westminster	1912	Fraser Mills, B.C.	73 4	18 0	7 8	80	42	28 sc.	Canadian Tug Boat Co., Ltd., Vancouver, B.C.
107247	Fearless	New Westminster	1898	New Westminster, B.C.	64 0	15 0	6 5	53	36	13½ sc.	Jos. Meyers, New Westminster, B.C.
92422	Fearless	Prescott	1886	Iroquois, Ont.	56 0	12 0	5 0	46	32	10 sc.	Mrs. Sarah M. Carman, Iroquois, Ont.
134612	*Fedora II*	Sault Ste. Marie	1915	Sault Ste. Marie, Ont.	43 5	11 0	4 8	19	10	2 sc.	William K. Sims, Sault Ste. Marie, Ont.
122221	Ferdinand	Montreal	1905	St. Antoine, Que.	87 0	17 6	5 4	76	48	28 sc.	Louis E. Charron, St Denis, Que.
126543	[6]*Ferida*	Vancouver, B.C.	1908	Vancouver, B.C.	25 3	7 2	5 0	6	4	½ sc.	Knud Paulsen, Vancouver, B.C.
107504	Fern	Quebec	1895	Quebec, Que.	22 2	5 5	1 8	2	1	1½ sc.	T. Magnan, Ste. Thècle, Que.
38223	*Fernande*	Montreal	1916	Montreal, Que.	23 2	6 9	5 0	4	3	1 sc.	David Dion, Montreal, Que.
140922	Festubert ⊙	Ottawa	1917	Toronto, Ont.	130 0	23 5	13 5	320	204	59 sc.	The Minister of the Naval Service, Ottawa, Ont.
107174	Fida	Port Arthur	.....	Collingwood, Ont.	24 0	6 5	2 4	2	2	1 sc.	Ben. Almos, Jack Fish, Ont.
103644	Fidelia	Toronto	1897	Kingston, Ont.	38 9	7 6	4 1	9	6	5 sc.	A. W. Blackford, Toronto, Ont.
133926	*Fidelis*	Chatham, N.B.	1913	Lamek, N.B.	36 0	10 3	5 9	13	11	1 sc.	W. S. Loggie Co., Ltd., Chatham, N.B.
138394	*Fifi*	Lunenburg	1917	Indian Harbour, N.S.	38 6	10 5	5 5	12	11	⅜ sc.	Harvey Covey, Indian Harbour, N.S.
138079	Felon	Ottawa,	1918	Hull, Que.	40 0	7 8	4 0	10	7	⅜ sc.	Frank St. Louis, Hull, Que.
103152	Fingal	Vancouver	1895	Vancouver, B.C.	85 0	19 1	6 5	91	60	3 sc.	Coast Steamship Co., Ltd., Vancouver, B.C.
90724	Fire Fly	Halifax	1886	Chatham, N.B.	22 5	5 0	2 5	1	1	1 sc.	Wm. Marshall Black, Halifax, N.S.
130442	[3]*Fire Queen*	Vancouver	.....	Unknown	31 3	7 0	3 8	8	5	1 sc.	John W. Warden, Vancouver, B.C.
140916	*Fishboy*	Vancouver	1918	Lund, B.C.	32 3	9 0	4 1	11	7	1½ sc.	John and James Orpana, Lund, B.C.
126775	Fisherman's Pride	Richibucto	1909	Richibucto, N.B.	29 0	11 0	4 6	11	11	1 sc.	Andrew Loggie, Dalhousie, N.B.
126278	*Fishmaid*	New Westminster	1909	Steveston, B.C.	39 8	10 3	4 2	13	10	5 sc.	George MacKie, M. O., New Westminster, B.C.
134111	Fispa	New Westminster	1903	New Westminster, B.C.	74 0	14 0	7 5	63	25	12 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
130670	*Five Weeks*	Richibucto	1916	Richibucto, N.B.	35 0	11 0	5 0	12	11	1 sc.	Alexander McLean, and A. S. Harriman, Loggieville, N.B.
107326	Flash	Halifax	1898	Charlottetown, P.E.I.	38 0	8 4	3 8	8	5	8 sc.	Wm. Beazley, Halifax, N.S.
130542	[4]*Flat*	Vancouver	.....	U. S. A.	26 0	9 3	2 2	7	5	¾ sc.	R. H. Elder, Flat Island, B.C.
116727	[5]*Fleda*	St. John, N.B.	1905	St. John, N.B.	35 8	7 4	3 7	9	6	1 sc.	Roy Waddell, Reeds Point, N.B.
121961	*Fleetwing*	Kingston	1905	Gananoque, Ont.	30 6	9 8	2 4	7	5	¾ sc.	Wm. McMaster, Amherst Is., Ont.
85644	*Flora*	Halifax	1883	Mahone Bay, N.S.	58 0	18 9	7 2	42	40	½ sc.	Richard C. Smith and D. H. Moser, Halifax, N.S.
103811	Florence	Belleville	1894	Napanee, Ont.	28 3	7 9	3 2	3	2	5 sc.	John Milling, Fredericksburg, Ont.
121826	*Florence*	Montreal	1905	Verdun, Que.	35 3	6 0	2 8	3	2	1 sc.	R. C. Smith, Montreal, Que.
88309	Florence	Montreal	1885	Levis, Que	91 0	19 8	9 0	113	30	54 sc.	George Hall Coal Company of Canada Ltd., Montreal, Que.
83072	Florence	Ottawa.	1881	Rockland, Ont	81 0	18 3	7 0	62	24	34 sc.	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
100427	Florence	Ottawa	1889	Snyder Depot, Ont.	74 5	21 4	5 0	40	32	45 pa.	Canada Lumber Co., Carleton Place, Ont.
103770	Florence	Paspebiac.	1896	Newcastle, N.B.	47 5	10 1	4 6	19	13	6 sc.	F. J. Allard, New Carlisle, Que.
112361	Florence	Port Hope	1901	Brighton, Ont.	48 0	9 0	3 2	7	5	4 sc.	E. P. Ainsworth, Brighton, Ont.
85453	Florence	Quebec	1883	Quebec, Que	91 2	22 8	9 5	133	90	25 sc.	Wilfrid Robidoux, Yamaska, Que.
103143	Florence	Montreal.	1892	Three Rivers, Que.	51 6	10 8	4 1	18	12	5 sc.	The James MacLaren Co., Ltd., Buckingham, Que.
85529	Florence	Toronto.	1884	Huntsville, Ont	51 0	10 1	3 0	27	18	3 sc.	Lorenzo McKenny, Huntsville, Ont.
97163	Florence	Victoria	1891	Victoria, B.C.	51 0	14 2	5 9	30	18	3 sc.	C. F. Todd, M.O., Victoria, B.C.
121975	Florence Carlin	Victoria	1906	Knalt, B.C.	97 5	20 4	4 6	143	90	9 pa.	The Columbia River Lumber Co., Ltd., Golden, B.C.
94770	Florence M.	Owen Sound	1897	Owen Sound, Ont.	44 0	7 2	3 5	8	6	2 sc.	J. McDonald, Sault Ste. Marie, Ont.
122616	Florence J. Graham	Goderich	1916	Goderich, Ont.	65 1	15 0	6 5	38	26	4 sc.	Albert R. Misner and Erwin G. Todford, J.O., Port Burwell, Ont
138033	*Florence M. Nickerson*	Barrington Passage.	1916	Port Clyde, N.S.	33 1	9 4	4 4	11	11	1 sc.	Herbert Nickerson, Clam Point, Cape Island, N.S.
107993	[6]*Florence May*	Canso	1899	Queensport, N.S.	37 0	11 4	6 0	11	10	⅜ sc.	John Kennedy, Canso, N.S.
100034	Florissant	Toronto	1891	Toronto, Ont.	30 0	6 0	3 0	3	2	3 sc.	Rutherford Cumming, Toronto, Ont.
116440	Flosie	Vancouver	1903	Vancouver, B.C.	30 0	8 4	3 4	12	8	2 sc.	A. S. Cunningham, Broughton Isd., B.C.

[1]Formerly "Neptune." [2]Foreign name "Sans Souci." [3]Foreign name "Queen." [4]Foreign name "Goldenrod" [5]Formerly "Fleada." [6]Formerly a sailing vessel.
[7]Foreign name "Fox."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless——uni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
137932	*Flossie S*	Vancouver	1912	Winnipeg, Man.	43 5	10 5	4 7	22	15	2 sc.	Alexander M. Robb, Toronto, Ont.
130853	*Flower of Buchan*	Vancouver	1912	Steveston, B.C.	37 0	9 2	3 1	8	5	1 sc.	James Winter, *et al.*, Vancouver, B.C.
131120	*Flox*	Montreal	1912	Montreal, Que.	40 7	9 8	6 0	13	11	1 sc.	H. S. Grove, Lachine, Que.
90751	Flushing	St. John, N.B.	1882	Athens, N.Y., U.S.A.	115 9	24 0	8 2	178	73	1 sc.	The St. John River Log Driving Co., Devon, N.B.
121978	*Flutterby*	Victoria	1906	Victoria, B.C.	20 0	5 4	3 0	2	2	⅛ sc.	Arthur E. C. Lane, Duncans, B.C.
107712	Flyer	New Westminster	1899	Vancouver, B.C.	65 6	14 3	6 9	48	32	14 sc.	Monarch Towing & Trading Co., Ltd., New Westminster, B.C.
103674	Flyer	Toronto	1892	Kingston, Ont.	39 2	6 4	2 8	4	3	3 sc.	John Rogers, Port Sandfield, Ont.
116455	Flying Cloud	Victoria	1903	Vancouver, B.C.	36 4	10 1	4 7	16	11	1 sc.	Ah See, Coal Island, B.C.
126788	*Flying Spur*	New Westminster	1910	Steveston, B.C.	38 8	8 8	4 0	10	7	2 sc.	Joseph Legault, Swanson Bay, B.C.
112028	Foam	Quebec	1900	Quebec, Que.	42 6	10 8	4 3	16	7	3 sc.	John S. Thom, Quebec, Que.
116412	Forager	Victoria	1904	Victoria, B.C.	84 0	18 8	6 6	90	57	13 sc.	John and Walter Idiens, J.O., Victoria, B.C.
126449	[3]Forest B	Kenora	1895 1910	Rainy River, Ont.	75 0	17 0	6 0	88	60	4 sc.	The Rat Portage Lumber Co., Ltd., St. Boniface, Man.
122167	*Forest Queen*	Vancouver	1906	Vancouver, B.C.	50 5	11 7	6 0	35	24	3 sc.	Neil A. McKinnon and G. Y. Hibbard, Vancouver, B.C.
130575	*Forman F*	Lunenburg	1910	Little Tancook, N.S.	42 4	10 9	6 2	15	14	⅜ sc.	Obed Fleet, Blandford, N.S.
92344	Forrest	Quebec	1887	Chicoutimi, Que.	58 0	11 1	7 0	26	18	15 sc.	B. J. Kaine, Ha Ha Bay, Que.
107350	[2]*Forrester*	Lunenburg	1901	Pubnico, N.S.	45 0	14 6	6 7	23	21	⅞ sc.	Alton Westhaver, Martins Brook, N.S.
126944	Fort Fraser	Victoria	1910	Soda Creek, B.C.	56 0	11 8	2 9	33	21	2 pa	John K. McLennan, and Allan J. Adamson, Winnipeg, Man.
130877	*Fort Langley*	New Westminster	1913	Vancouver, B.C.	51 2	12 3	4 7	34	23	4 sc.	John D. Stalker, M.O., New Westminster, B.C.
134605	Fort McMurray	Winnipeg	1915	Fort McMurray, Alta.	151 0	28 3	4 5	661	397	9 pa.	Hudson's Bay Company, London, England.
134100	*Fort McPherson*	Vancouver	1914	Vancouver, B.C.	58 6	16 0	6 3	46	31	4 sc.	Hudson's Bay Company, London, England.
121750	*Four Winds*	Vancouver	1906	Vancouver, B.C.	26 0	9 7	5 8	8	5	½ sc.	Donald G. Forbes, Victoria, B.C.
138618	*Frances Elizabeth*	Chatham, N.B.	1918	Campbellton, N.B.	43 0	9 0	5 0	14	6	½ sc.	Mrs. Beverley Sproul, Campbellton, N.S.
130738	*Frances Lenore*	Lunenburg	1911	Tancook, N.S.	41 6	10 0	5 6	13	12	½ sc.	Frank Ring, Halifax, N.S.
126051	Frances W	Owen Sound	1908	Collingwood, Ont.	59 0	16 0	8 0	43	41	8 sc.	Canadian Dredging Co., Ltd., Midland, Ont.
126897	Francis Cutting	Vancouver	1889	San Francisco, Cal., U.S.A.	80 5	20 5	7 6	91	60	14 sc.	Whalen Pulp & Paper Mills, Ltd., Vancouver, B.C.
130846	Francis Idaho	Vancouver	1911	Vancouver, B.C.	37 5	11 0	5 0	14	10	7 sc.	James Austin Gill, Vancouver, B.C., and Louis Godtel, West Sooke, B.C.
126651	Francis Martin	Midland	1909	Penetanguishene, Ont.	50 3	12 4	5 1	27	13	3 sc.	William Martin, Penetanguishene, Ont.
126454	François C	Sorel	1909	Sorel, Que.	86 0	17 1	5 8	126	49	13 sc.	François Crepeau, Sorel, Que.
107895	Frank	Montreal	1900	Cardinal, Ont.	40 0	10 0	3 2	16	3	25 sc.	Laurin & Leitch Engineering & Construction Co., Ltd., Montreal, Que.
134517	[1]Frank B. Stevens	Sarnia	1867	Buffalo, N.Y., U.S.A.	146 0	29 3	11 0	516	269	47 sc.	American Transit Company, Ltd., Sarnia, Ont.
116386	Frank C. Barnes	Port Arthur	1892	Manistee, Mich., U.S.A.	66 0	16 0	8 0	63	43	10 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
107192	Frank G. McAulay	Port Stanley	1898	Southampton, Ont.	67 6	15 8	7 3	43	29	14 sc.	Nathan S. Cornell, Port Stanley, Ont.

130238	Frank H. Stanley...	Port Stanley.....	1912	Port Stanley, Ont.....	66 0	15 0	7 5	43	29	10½ sc...	Harry L. Moore and Walter S. Stanton, J.O., Port Stanley, Ont.
117079	Frank L.....	Toronto.....	1905	Parry Sound, Ont.....	68 7	14 0	6 6	46	31	10 sc...	Wm. H. Oldfield, Parry Sound, Ont.
134397	*Frank L. C.*.....	Lunenburg.....	1909	Lunenburg, N.S.....	36 2	11 2	5 4	13	11	⅔ sc...	Stephen Clerversey, Pleasantville, N.S.
112083	Frank Marshall.....	Kenora.....	1903 1912	Kenora, Ont..... Dryden, Ont.....	60 9	12 5	5 5	40	27	13 sc...	The Dryden Timber & Power Co., Ltd., Dryden, Ont.
126122	Frank N. McCrea...	Kingston.....	1908	Kingston, Ont.....	47 8	11 0	5 0	19	10	3½ sc...	Frank N. McCrea, Sherbrooke, Que.
70287	Frank Perow.....	Montreal.....	1867	Buffalo, N.Y., U.S.A.....	72 6	16 6	6 7	43	24	110 sc...	The Minister of Railways and Canals, Ottawa, Ont.
116223	Frankie H.....	Quebec.....	1903	Quebec, Que.....	45 0	11 1	4 6	17	8	20 sc...	Michael J. Hackett, Quebec, Que.
116715	Fraserville, ...	Quebec.....	1904	Port Glasgow, G.B.....	60 0	15 3	7 4	51	35	16 sc...	Canadian Bank of Commerce, Toronto, Ont.
138160	*Frebertell*.....	Vancouver.....	1916	Vancouver, B.C.....	29 5	8 0	3 2	4	3	1 sc...	Godwin O. C. Anderson, Nanaimo, B.C.
107415	Fred.....	Montreal.....	1899	Montreal, Que.....	48 4	12 1	5 9	24	16	17 sc...	Joseph and Francois Begin, J.O., Quebec, Que.
94688	Fred. A. Hodgson...	Collingwood.....	1890	Collingwood, Ont.....	97 1	17 8	8 2	173	106	6 sc...	Manley Chew, Midland, Ont.
134379	Fred. A. Lee.....	Sault Ste. Marie....	1896	Port Huron, Michigan, U.S.A.	72 0	15 5	10 0	65	32	14 sc...	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
103260	Fred Glasier.....	St. John, N.B.....	1896	Lincoln, N.B.....	37 9	8 8	4 1	10	7	6 sc...	The St. John River Log Driving Co., Devon, N.B.
111791	Fred. L. M. Paint...	Chatham, N.B.....	1902	Port Hawkesbury, N.S....	68 0	17 0	8 0	88	39	24 sc...	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
92478	Fred. M. Batt.....	Charlottetown.....	1888	Mt. Stewart, P.E.I.....	67 5	18 0	7 7	60	38	14 sc...	The Island Tug Co., Ltd., Charlottetown, P.E.I.
100894	[2]*Fred and Norman*....	Weymouth.....	1896	Belliveau Cove, N.S.....	50 5	17 4	7 1	33	31	1 sc...	Boardman Cheney, WhiteHead, N.B.
122080	Freddie Adams.....	Toronto.....	1906	Parry Sound, Ont.	40 0	8 7	5 0	16	11	1 sc...	George Enoch Adams, Parry Sound, Ont.
80621	Freddie V.....	Yarmouth.....	1881	Yarmouth, N.S.....	61 0	13 2	5 6	27	13	40 sc...	D. D. LeBlance and Frank S. Finley, Wedgeport, N.S.
130911	*Fredelia II*.....	Vancouver.....	1910	Seattle, Wash., U.S.A.....	43 9	12 5	4 8	20	14	3 sc...	Peter Wallace, Vancouver, B.C.
133737	*Fredelia III*.....	Prince Rupert.....	1912	Seattle, Wash., U.S.A....	44 5	13 0	5 4	25	17	2 sc...	The Canadian Fish & Cold Storage Co., Ltd., Vancouver, B.C.
112301	Frederick.....	Winnipeg.....	1904	Selkirk, Man.....	63 8	15 0	6 4	36	27	10 sc...	The Lakes Timber Co., Ltd., Fort Frances, Ont.
131137	Fredericton.....	Ottawa.....	1913	Toronto, Ont.....	71 0	20 0	8 0	109	47	27 sc...	The Minister of Public Works, Ottawa, Ont.
131143	*Fredna*.....	Vancouver.....	1912	Vancouver, B.C.....	34 7	7 6	3 7	9	7	⅚ sc...	Mrs. Edna E. Cunningham, Vancouver, B.C.
134027	*Freeda*.....	Victoria.....	1912	Vancouver, B.C.....	26 0	7 2	3 6	4	3	1 sc...	Edwyn B. Andros, Victoria, B.C.
138412	Friday.....	Winnipeg.....	1911	Selkirk, Man.....	51 8	13 8	6 0	39	26	4 sc...	Minister of Public Works, Ottawa, Ont.
111767	Frontenac.....	Kingston.....	1901	Garden Island, Ont.....	89 0	21 8	7 8	111	64	75 sc...	John Donnelly, Kingston, Ont.
121782	Frontenac.....	Ottawa.....	1903	Westmeath, Ont.....	34 4	9 4	3 6	8	4	⅝ sc...	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
107668	Frontenac.....	Quebec.....	1899	Lévis, Que.....	119 6	28 1	9 6	304	206	48 sc...	La Compagnie Maritime et Industrielle de Lévis, Lévis, Que.
133909	Frontenac.....	Sorel.....	1901	Sorel, Que.....	101 7	23 0	7 9	262	131	63 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
94926	[4]Frontier.....	Picton, Ont.....	1899	Picton, Ont.....	185 1	26 0	9 7	700	374	274 pa...	Mrs. Margaret Cook, Windsor, Ont.
116614	*Frontiersman*.....	Dawson.....	1908	White Horse, Y.T.....	44 8	7 0	2 5	4	4	— sc...	Thomas Smith, White Horse, Y.T.
137950	*Fugiyama*.....	Vancouver.....	1915	Eburne, B.C.....	36 0	8 5	4 3	11	7	1 sc...	Kitaro Asari, Seal Island, B.C.
138309	*Fuji-Mi-Maru*.....	Vancouver.....	1916	Steveston, B.C.....	30 0	7 4	3 2	5	4	1 sc...	Izo Morimoto, Vancouver, B.C.
130847	*Full Moon*.....	Vancouver.....	1912	Vancouver, B.C.....	48 0	10 5	5 3	24	16	2 sc...	Cereno J. Kelly, Vancouver, B.C.
137936	*G. A. E*.....	Vancouver.....	1915	Vancouver, B.C.....	33 3	8 5	3 7	9	6	1 sc...	A. Fraser Co., Ltd., Vancouver, B.C.
130512	*G. B. F*.....	Weymouth.....	1911	Little River, N.S.....	31 6	9 0	3 8	6	3	1 sc...	John Brown, Westfield, N.B.
126049	G. A. McLaurin.....	Port Arthur.....	1909	Peterborough, Ont.....	36 9	10 0	4 4	17	12	1 sc...	Geo. A. McLaurin, Savanne, Ont.
103882	[8]G. B. Greene.....	Ottawa.....	1896 1917	Quyon, Que.....	133 2	44 8	8 0	259	154	34 pa...	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
116647	G. B. Pattee II.....	Ottawa.....	1904	Quyon, Que.....	61 5	14 7	6 1	51	38	6½ sc...	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
116352	[2]*G. B. Zwicker*.....	Port Medway.....	1912	Port Medway, N.S.....	40 8	11 0	5 8	13	12	½ sc...	Roy Hiltz, Port Medway, N.S.
66912	G. D. Hunter.....	St. John, N.B.....	1873	Portland, N.B.....	72 0	18 5	8 1	68	13	46 sc...	Miss Alma F. Gregory, St. John, N.B.
130935	G. H. Notter.....	Montreal.....	1912	Gronville, Que.....	51 7	14 0	5 5	33	16	4 sc...	W. C. Edwards, Co., Ltd., Rockland, Ont.
103269	G. K. King.....	St. John, N.B.....	1897	Gondola Point, N.B.....	57 2	15 1	6 4	45	31	15 sc...	Mrs. C. A. Waring, *et al.*, St. John, N.B.
134330	G. M. Stearns.....	Chatham, N.B.....	1914	Chatham, N.B.....	58 0	16 8	7 0	57	16	16 sc...	John W. Brankley, Chatham, N.B.
134571	*G. N. HummingBird*	New Westminster...	1914	Steveston, B.C.....	32 0	8 2	3 8	8	5	2 sc...	Gorokichi Nakamura, Steveston, B.C.
92288	G. P. McIntosh.....	Owen Sound.....	1888	Meaford, Ont.....	78 0	16 0	7 3	58	40	60 sc...	M. J. Hogan, Port Colborne, Ont.
133836	G. R. Carillon.....	Montreal.....	1913	Carillon, Que.....	49 7	12 4	4 7	20	9	3 sc...	Joseph Roy, Carillon, Que.
123324	G. R. Crowe ⊙.....	Toronto.....	1907 1910	Dundee, G.B..... Collingwood, Ont.....	331 0	43 4	22 9	2,940	2,347	116 sc...	Montezuma Transportation Co., Ltd., Toronto, Ont.
130313	G. R. Geary.....	Toronto.....	1912	Toronto, Ont.....	62 7	17 0	8 0	199	135	8½ sc...	Corporation of the City of Toronto, Toronto, Ont.
134620	G. R. Gray ⊙.....	Sault Ste Marie.....	1917	Collingwood, Ont.....	115 7	24 8	12 6	268	121	56 sc...	Lake Superior Company, Ltd., Sault St. Marie, Ont.
133756	G. S. Mayes.....	Halifax.....	1913	St. John, N.B.....	79 6	19 8	10 1	110	75	37 sc...	G. S. Mayes Tug Co., Ltd., Halifax, N.S.
126839	G. Whiz.....	Toronto.....	1911	Hamlet, Ont.....	73 0	16 0	3 0	55	39	12 sc...	N. E. Beanett, Hamlet, Ont.

[1]Foreign name "St. Joseph." [2]Formerly a sailing vessel. [3]Formerly "Brandon" and "Edna Bridges." [4]Formerly "Argyle." [8]Recovered Wreck.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10e	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
103570	Gadabout	Montreal	1895	New York, N.Y., U.S.A.	30 6	6 8	2 6	3	2	1 sc.	C. R. Hosmer, Montreal, Que.
107409	Gadfly	Montreal	1898	Jersey City, N.J., U.S.A.	27 2	7 2	2 4	2	2	1 sc.	James Bryce Allan, Montreal, Que.
133829	Gaetan	Montreal	1913	Grenville, Que.	49 3	12 7	4 6	22	12	3 sc.	George Dansereau, Grenville, Que.
130247	[3]*Gaetta*	Port Medway	1912	Port Medway, N.S.	40 0	11 7	6 1	16	15	⅔ sc.	Stanley E. Parke, Port Medway, N.S.
141030	*Gagi*	Vancouver	1918	Steveston, B.C.	29 8	8 2	3 9	8	7	⅔ sc.	Bunnosuke Miyashita, Steveston, B.C.
107206	Galatia	Winnipeg	1898	Wabigoon, Ont.	60 0	12 5	3 8	46	30	6 sc.	Thomas J. Robinson, Wabigoon, Ont.
112079	Gale	Kenora	.....	.....	22 0	5 5	3 0	3	1	1 sc.	Foley Mines Co., Ltd., Mine Centre, Ont.
86983	Galena	New Westminster	1888	Kootenay River, U.S.A.	79 8	16 0	5 0	73	50	3 sc.	M. T. Johnston, Victoria, B.C.
136047	Galiano	Ottawa	1913	Dublin, Ireland	162 3	27 1	13 1	393	129	161 sc.	The Minister of the Naval Service, Ottawa, Ont.
130696	Gambier	Vancouver	1911	Vancouver, B.C.	28 2	9 0	3 2	9	6	½ sc.	Thomas H. Burgess, M.O , Vancouver, B.C.
83130	Gambinus	Halifax	1881	Halifax, N.S.	48 0	15 2	5 5	28	19	20 sc.	Halifax Breweries Co., Ltd., London, Eng.
126642	Gambler	Port Dover	1909	Port Dover, Ont.	54 0	13 6	5 8	26	18	3 sc.	C. W. Barwell and P. C. Robinson, J.O., Port Dover, Ont.
122605	*Gamma*	Kenora	1906	Hamilton, Ont.	23 0	6 3	3 8	2	2	½ sc.	John A. Johnston, Ignace, Ont.
100035	Garden City⊙	Toronto	1892	Toronto, Ont.	177 9	26 1	10 0	637	401	150 pa.	The Niagara, St. Catharines & Toronto Nav. Co., Ltd., Toronto, Ont.
122435	[1]Gargantua ⊙	Sault Ste. Marie	1882	St. Clair, Mich., U.S.A.	240 0	40 0	22 0	1,490	1,290	88 sc.	The Midland Towing & Wrecking Co., Ltd., Midland, Ont.
96903	Garnet	Kingston	1889	Kingston, Ont.	53 0	11 6	4 5	19	12	9 sc.	James P. MacDonald, Missasaga Island, Ont.
134253	Garry	Winnipeg	1914	Selkirk, Man.	101 6	20 5	8 5	120	81	31 sc.	Manitoba Transport Co., Ltd., Winnipeg, Man.
138606	*Garry Point*	New Westminster	1917	Steveston, B.C.	40 0	9 2	4 4	13	9	2 sc.	Yuichi Oye Steveston, B.C.
82960	[1][2]*Garthclyde*	Montreal	1883	Newcastle-on-Tyne, G.B.	115 6	20 2	10 1	186	130	90 sc.	Marine Navigation Company of Can. Ltd., Montreal, Que.
103514	*Gaspe Trader*	Gaspe	1918	Barachois, Que.	117 8	23 2	9 8	209	142	22 sc.	Herbert A. Ellis, Barachois, Que.
70228	[2]Gaspesian	Quebec	1874	Wallsend-on-Tyne, G.B.	160 8	27 1	11 3	598	319	70 sc.	Canadian Maritime Company, Ltd., Montreal, Que.
130527	Gaudiose	Montreal	1911	Verdun, Que.	27 7	7 9	2 5	5	3	1 sc.	Lake Megantic Pulp Co., Lake Megantic, Que.
134108	*Gavilan*	Vancouver	1908	Vancouver, B.C.	28 4	8 2	3 6	8	5	1 sc.	Joseph E. Butler, Swanson Bay, B.C.
133860	*Gaviota*	Vancouver	1913	Vancouver, B.C.	38 0	9 4	4 5	13	9	1 sc.	John Henry Cates and Charles W. Cates, NorthVancouver, B.C
121762	*Gazeka*	Vancouver	1906	Vancouver, B.C.	34 2	13 5	4 9	19	13	¼ sc.	Robert W. Ellis, Vancouver, B.C.
107710	Geisha	Toronto	1900	Toronto, Ont.	50 9	10 0	4 2	20	13	1 sc.	John Hendry, Toronto, Ont.
121749	Geisha	Vancouver	.....	Hong Kong	20 0	5 5	3 0	2	1	½ sc.	Geo. Giles, Wm. Thompson and David Harkness, Vancouver, B.C.
100546	Gem	Digby	1896	Westport, N.S.	32 0	6 5	4 6	5	2	6 sc.	John E. Moore, Westport, N.S.
103684	Gem	Toronto	1897	Port Sydney, Ont.	53 4	12 2	8 0	35	24	6 sc.	A. S. Smith, Stephenson Township, Muskoka, Ont.
96985	Gemini	New Westminster	1891	New Westminster, B.C.	49 0	7 6	3 8	8	6	3 sc.	James A. Clarke, New Westminster, B.C.
131144	*Gene*	Vancouver	1912	Vancouver, B.C.	40 0	9 5	4 7	16	11	1½ sc.	Dolly Vardon Shipping Co., Ltd., Victoria, B.C.
107482	Genl. Weitzel	Sault Ste. Marie	1881	Buffalo, N.Y., U.S.A.	57 0	12 0	5 9	32	21	5 sc.	William E. Owen. Richards Landing, Ont.
116966	*Geneva*	Digby	1904	Belfast, Me., U.S.A.	42 6	11 8	4 0	14	6	1½ sc.	George W. Colwell, *et al.*, St. John, N.B.
117071	Geneva	Toronto	1905	Orillia, Ont.	80 7	16 3	5 3	92	58	10 sc.	William Thomson, Orillia, Ont.

138101	*Genie and May*	Sydney, N.S.	1916	Dingwall, N.S.	36 8	12 0	5 0	12	11	½ sc...	Joseph O'Brien, Dingwall, N.S.
116209	[3]*George*	Yarmouth	1903	Pubnico, N.S.	41 0	14 7	7 0	23	22	2 sc...	Actime Amiro, West Pubnico, N.S.
85353	Geo. A. Harris	Ottawa	1882	Hull, Que.	90 0	18 8	7 2	87	56	37 sc...	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
107335	*George A. R.*	Yarmouth	1900	U.S.A.	16 0	4 0	2 4	1	1	2 sc...	George H. Robertson, Pubnico, N.S.
133933	George Bothwell	Ottawa	1913	Buckingham, Que.	72 8	15 6	6 6	71	42	13 sc...	The River Lievre Navigation Co., Ltd., Buckingham, Que.
111974	Geo. D. Morrison	Southampton	1905	Kincardine, Ont.	57 6	13 7	5 0	23	16	4⅝ sc...	William Morrison, Kincardine, Ont.
126060	George E. Young	Owen Sound	1909	Tobermory, Ont.	42 0	10 0	3 6	12	8	1 sc.,	W. W. Ransbury, Tobermory, Ont
122437	George Emerson	Sault Ste. Marie	1888	Buffalo, N.Y., U.S.A.	61 0	14 7	6 0	32	21	8 sc.,	Lake Superior Paper Co., Ltd., Sault Ste. Marie, Ont.
116411	Geo. F. Piper	Victoria	1904	Nakusp, B.C.	78 0	16 0	6 2	70	48	16 sc...	Forest Mills of British Columbia, Ltd., Revelstoke, B.C.
121968	George H.	Kingston	1886	Kingston, Ont.	31 4	6 0	2 6	4	3	1 sc...	Mrs. May A. Hammond, Kingston, Ont.
122643	George H. Johnson	Ottawa	1908	Arnprior, Ont.	50 0	15 0	6 0	56	50	5 sc...	McLachlin Bros., Ltd., Arnprior, Ont.
121810	George L.	Digby	1906	Shelburne, N.S.	67 0	17 6	7 4	61	42	13 sc...	Ed. R. Barry, Summerside, Nfld.
71218	George Maytham	Sarnia	1870	Buffalo, N.Y., U.S.A.	53 6	15 7	7 8	40	27	50 sc...	D. B. McCrae, Meldrum Bay, Ont.
130323	George P.	Kingston	1905	Rockport, Ont.	31 6	8 3	3 0	7	5	1½ sc...	Charles J. Reilly, Brockville, Ont.
122295	George V.	Prince Albert	1911	Prince Albert, Sask.	110 0	26 7	4 0	379	239	9 pa..	Francis E. Simonds, Saskatoon, Sask.
111809	Geo. W. Cuyler	Sault Ste. Marie	1880	West Bay City, Mich., U.S.A.	64 0	14 6	5 4	56	38	— sc...	B. H. Turner, Little Current, Ont.
135261	George W. Yates	Ottawa	1913	Greenock, G.B.	100 0	19 1	8 9	111	3	51 sc...	The Minister of Railways and Canals, Ottawa, Ont.
131014	Geo. Winfield Smith	Quebec	1903	Levis, Que.	51 6	11 5	4 5	25	14	3 sc...	John Fenderson & Co. (Inc.), St. Marie de Sayabec, Que.
137962	*Georges Sigouin*	Montreal	1913	Verchères, Que.	20 2	4 6	1 7	1	1	¼ sc...	Georges Sigouin, St. Vincent de Paul, Que.
138513	Georges William	Quebec	1913	Escoumains, Que.	71 9	12 3	10 0	52	26	20 sc...	Joseph Tremblay, Alexis Ste. Anne, Co. of Chicoutimi, Que
92617	Georgina	Port Arthur	1893	Port Arthur, Ont.	74 0	14 8	7 0	44	30	25 sc...	Samuel Forrest, Fort William, Ont.
138540	*Georjesal*	Vancouver	1917	Port Moody, B.C.	36 4	10 7	4 6	13	9	2 sc...	Maritime Fisheries Ltd., Vancouver, B.C.
126769	Gerald R.	Montreal	1910	Montreal, Que.	56 0	14 7	6 8	51	20	17 sc...	Quinlan & Robertson, Ltd., Montreal, Que.
97120	Geraldine	Collingwood	1893	Parry Sound, Ont.	66 0	14 4	6 8	65	45	6 sc...	John Galna, M.O., Parry Sound, Ont.
133767	*Geraldine R.*	Victoria	1913	Victoria, B.C.	33 0	9 6	4 5	9	6	1 sc..	The Minister of Lands for British Columbia, Victoria, B.C.
138354	*Geraldine Wolvin*	Vancouver	1917	North Vancouver, B.C.	240 0	43 9	19 0	1,472	1,259	36 sc...	Canada West Coast Navigation Co., Ltd., Vancouver, B.C.
131310	Germania	Toronto	1903	Christiana Norway	94 3	16 8	10 0	106	41	30 sc...	Canadian Northern Steamships, Ltd., Toronto, Ont.
116377	Gertie	Port Arthur	1903	Fort William, Ont.	58 0	17 0	4 5	53	37	2 sc...	Samuel Forrest, Fort William, Ont.
138591	*Gertie D.*	St. John, N.B.	1913	Montville, N.B.	64 5	20 0	4 1	46	31	⅝ sc...	Charles M. Pye, M.O., Hopewell Cape, N.B.
100045	Gertrude	Brockville	1895	Brockville, Ont.	27 2	6 1	3 2	3	1	4 sc...	P. F. Nolan, Brockville, Ont.
121737	*Gertrude*	Vancouver	1906	Vancouver, B.C.	25 9	6 6	2 5	3	2	½ sc...	Packers Steamship Co., Ltd., Vancouver, B.C.
85120	Gertrude A. Rannev.	St. Catharines	1883	Port Colborne, Ont.	421 1	10 1	4 8	14	9	12 sc...	Nobel Bros. Co., Ltd., Owen Sound, Ont.
134465	*Gertrude M B*	Halifax	1915	Big Tancook Island, N.S.	42 0	12 8	6 5	18	17	1 sc...	George McBeth, Alberton, P.E.I.
130519	*Gertrude R.*	Weymouth	1916	Plympton, N.S.	54 5	16 4	8 0	31	21	1 sc...	Loran E. Perry, Freeport, N.S.
138035	*Gertrude Ross*	Barrington Passage	1916	Port Clyde, N.S.	32 4	9 2	4 4	11	10	1 sc...	Chas. M. Ross, Stony Island, N.S.
116462	Gi-Kenni	Vancouver	1903	Vancouver, B.C.	35 4	9 0	3 9	14	9	2 sc...	The Superintendent General of Indian Affairs, Ottawa, Ont.
133693	[4]*Giant No. I*	Victoria	1909	Seattle, Wash., U.S.A.	47 4	13 0	5 3	28	12	2 sc...	Powder Company of Canada, Ltd., Vancouver, B.C.
85712	Gilbert	Toronto	1884	Cardinal, Ont.	72 0	19 0	5 5	41	28	35 sc...	M. J. Haney and Roger Miller, Toronto, Ont.
130806	[5]*Gilford*	Vancouver	1907	Seattle, Wash., U.S.A.	39 1	12 4	4 6	18	12	2 sc..	Robert Hobbs, Vancouver, B.C.
69429	Gipsy	Pictou, N.S.	1874	Yarmouth, N.S.	42 7	12 0	5 0	17	11	20 sc...	Hugh McDonald, Sydney, N.S.
122074	Gipsy	Toronto	1906	Toronto, Ont.	51 8	12 5	4 4	35	24	2 sc...	Dominique Legault, Charlton, Ont.
103295	Gipsy	Vancouver	1893	Seattle, Wash., U.S.A.	32 0	90 4	3 1	10	7	1 sc...	H. C. M. Northcote, Vancouver, B.C.
111929	Glad Tidings	Toronto	1902	Orillia, Ont.	42 0	10 0	4 0	10	7	2 sc...	The Muskoka Wood Manufacturing Co., Ltd., Huntsville, Ont..
61393	Gladiator	Sydney, N.S.	1864	Brooklyn, N.Y., U.S.A.	74 0	18 0	8 0	70	34	28 sc...	Halifax Tow Boat Co., Ltd., Halifax, N.S.
107722	*Gladys*	Vancouver	1899	Jersey City, N.J., U.S.A.	45 4	10 0	3 9	9	6	15 sc...	Inland Trading Co., Ltd., Victoria, B.C.
111432	[3]*Gladys Elena*	Halifax	1902	Mahone Bay, N.S.	39 7	13 2	6 0	16	15	⅔ sc...	Charles Twohig, Pennant, N.S.
130945	*Gladys Irena*	Lunenburg	1912	Tancook, N.S.	46 3	12 0	6 5	18	16	1 sc...	Daniel A. Cormier and Peter A. Paturel, J.O., Grand Etang, N.S.
133775	*Gladys K.M.*	Victoria	1913	Victoria, B.C.	29 0	9 5	4 6	9	6	1 sc...	John M. McIntosh, Victoria, B.C.
116537	*Gladys M. Smith*	Lunenburg	1905	Mahone Bay, N.S.	55 2	16 8	6 9	30	29	⅔ sc...	Alburn C. Corkum, Chester, N.S.
130507	*Gladys Thorburn*	Shelburne	1912	Shelburne, N.S.	70 4	17 7	8 2	41	39	2 sc...	John H. Thorburn, M.O., Sand Point, N.S.
107526	Gleaner	Victoria	1899	Lake Bennett, B.C.	113 0	24 6	5 5	241	149	5 pa..	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
130876	Gleeful	New Westminster	1913	Vancouver, B.C.	73 4	18 0	7 8	88	44	22 sc...	Canadian Tugboat Co., Ltd., Vancouver, B.C.
130645	Glen Allen	Ottawa	1912	Kingston, Ont.	112 8	26 4	8 5	276	113	20 sc...	The Ottawa Transporation Co., Ltd., Ottawa, Ont.
133796	Glen Erie	Port Stanley	1918	Port Stanley, Ont.	68 5	17 2	7 4	37	18	16 sc...	The Howe Fish Co., Ltd., Port Stanley, Ont.

[1]Formerly "D. C.Whitney." [2]Formerly "Warkworth" and foreign name "Theodore Conseil." [3]Formerly a sailing vessel. [4]Foreign name "Giant." [5]Foreign name "Magellan."
[12]Formerly "Clyde" and a sailing vessel.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

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Official No. — N° officiel	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
107789	[12]Glen Isle	Ottawa	1900 1911	Ottawa, Ont.	108 0	23 6	6 6	138	87	4 sc.	Rideau Canal Supply Co., Ltd., Ottawa, Ont.
122067	*Glen Villa*	Montreal	1906	Chatham, Ont.	36 1	8 1	3 2	8	5	2 sc.	Geo. Albert LeBaron, North Hatley, Que.
116768	Glenada	Toronto	1904	Magnetawan, Ont.	69 0	12 4	4 3	65	44	10 sc.	Albert A. Agar, Burks Falls, Ont.
130800	Glenboro	Vancouver	1912	Vancouver, B.C.	64 0	17 3	8 6	74	50	13 sc.	Herman Wilbur and John H. Speedie, Vancouver, B.C.
112205	Glenellah	Hamilton	1905	Dundee, G.B.	250 0	43 2	23 5	2,272	1,454	146 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
126659	[15]Glenlinnan ⊙	Midland	1893	Cleveland, Ohio, U.S.A.	324 0	42 0	19 5	2,406	1,472	195 sc.	Great Lakes Transportation Co., Ltd., Midland, Ont.
135641	Glenfoyle	Midland	1913	Londonderry, G. B.	250 0	42 5	17 4	1,680	1,051	97 sc.	Great Lakes Transportation Co. Ltd., Midland, Ont.
133721	*Gleniffer*	Vancouver	1912	Hong Kong	40 0	9 2	6 9	14	10	1 sc.	James D. Small, *et al.*, Vancouver, B.C.
138214	[13]Glenisla ⊙	Midland	1903	Detroit, Mich., U.S.A.	400 0	50 0	24 3	4,578	3,404	196 sc.	Great Lakes Transportation Co., Ltd., Midland, Ont.
134261	[16]Glenlivet	Midland	1891	Cleveland, Ohio, U.S.A.	266 6	38 0	20 0	1,860	1,089	111 sc.	Great Lakes Transportation Co., Ltd., Midland, Ont.
126660	[9]Glenlyon ⊙	Midland	1893	West Bay City, Mich., U.S.A.	328 0	42 5	20 5	2,759	1,644	144 sc.	Great Lakes Transportation Co., Ltd., Midland, Ont.
133533	Glenmavis⊙	Midland	1913	Londonderry G. B.	250 0	42 5	17 4	1,686	1,055	96 sc.	Great Lakes Transportation Co., Ltd., Midland, Ont.
138235	[11]Glenmount	Montreal	1887	Wyandotte, Mich., U.S.A.	291 2	41 0	18 4	2,111	1,217	132 sc.	Montreal Transportation Co., Ltd., Montreal, Que.
107941	Glenora	St. Catharines	1900	Fort Erie, Ont.	45 3	10 4	4 1	17	10	12 sc.	H. W. Saxton, Bayham, Ont.
138213	[14]Glenorchy	Midland	1902	West Bay City, Mich.,	380 0	50 2	24 0	3,871	2,465	146 sc.	Great Lakes Transportation Co., Ltd., Midland, Ont.
134511	[10]Glenshee ⊙	Midland	1908	Cleveland, Ohio, U.S.A.	480 0	54 0	26 3	5,667	3,789	180 sc.	Great Lakes Transportation Co., Ltd., Midland, Ont.
.....	Glide	Kingston	1886	Brockville, Ont.	74 2	13 2	8 1	78	37	.....	Montreal Transportation Co., Ltd., Montreal, Que.
85368	Glide	Ottawa	1884	Ottawa, Ont.	72 6	18 8	6 4	80	59	4 sc.	Wm. E. Lawlor, Hawkesbury, Ont.
126123	Glympse	Kingston	1908	Kingston, Ont.	38 2	8 6	3 7	9	6	8 sc.	Francis Stanton and Albert F. Stanton, J.O., Sparrow Lake, Ont.
122632	*Go Now*	Kingston	1904	Gananoque, Ont.	22 2	4 9	1 9	1	1	¼ sc.	George H. Funnell, Gananoque, Ont.
141029	*Golden Stream*	Vancouver	1918	Vancouver, B.C.	28 8	9 8	4 1	11	7	1 sc.	George Gorry, Vancouver, B.C.
134252	Goldfield	Winnipeg	1912	Selkirk, Man.	75 4	15 9	6 0	56	38	13 sc.	Charles Finlay, Port Stanley, Ont.
134094	*Goletas*	Vancouver	1914	Vancouver, B.C.	37 0	10 3	4 5	13	9	1 sc.	Pacific Mills, Ltd, Vancouver, B.C.
75819	Goliah	Halifax	1863	Philadelphia, Pa., U.S.A.	88 4	18 4	14 7	147	100	200 sc.	Wm. McFatridge, Halifax, N.S.
116457	*Gollivog*	Vancouver	1903	Vancouver, B.C.	25 0	9 0	4 2	6	4	1 sc.	Thomas Pattison, Vancouver, B.C.
130267	Gooding	Ottawa	1904	Sturgeon Falls, Ont.	29 0	8 6	3 0	10	8	1 pa.	Abitibi Power & Paper Co., Ltd., Montreal, Que.
131308	Gopher	Quebec	1910	Garston, G.B.	100 3	23 1	12 0	198	4	89 sc.	Quebec Salvage & Wrecking Co., Ltd., Montreal, Que.
121916	Gorden	Kenora	1904	Fort Frances, Ont.	28 0	6 5	3 5	7	5	½ sc.	James Harty, Fort Frances, Ont.
91716	Gordon Brown	Port Stanley	1901	Port Stanley, Ont.	69 1	12 2	5 1	33	22	13 sc.	Dr. Geo. H. Jackson, *et al.*, Union, Ont.
130269	Gordon Kelly	Ottawa	1904	Simcoe, Ont.	37 0	10 6	3 0	16	10	2 pa.	George Gordon & Co., Ltd., Cache Bay, Ont.
133742	Gordon S.	Toronto	1913	Parry Sound, Ont.	34 0	10 0	5 0	16	5	1 sc.	The Conger Lumber Co., Ltd., Toronto, Ont.
100499	Gorge	Victoria	1892	Victoria, B.C.	29 2	7 1	3 3	3	2	5 sc.	James L. Raymur, Victoria, B.C.

107944	Gossoon	St. Catharines	1888	Detroit, Mich., U.S.A.	38 6	10 2	3 2	15	10	6 sc.	Michael J. Hogan, Quebec, Que.
130631	[1]Governor Carleton	St. John, N.B.	1907	Saunderstown, R.I., U.S.A	140 0	39 2	12 0	549	373	52 sc.	The City of St. John, St. John, N.B.
126521	Gow Ganda	Ottawa	1907	Sturgeon Falls, Ont.	46 4	11 3	4 2	25	20	6 sc.	The Montreal River Navigation Co., Ltd., Cobalt, Ont.
122432	*Gowanda*	Sault Ste. Marie	1907	Little Current, Ont.	35 4	6 2	3 0	5	3	2 sc.	Norman Trotter, Little Current, Ont.
122124	Grace	Halifax	1907	Tancook, N.S.	57 6	12 5	6 2	25	17	6 sc.	Mrs. J. C. Galway, Ottawa, Ont.
116714	Grace	Quebec	1899	Quebec, Que.	29 3	7 6	3 2	4	4	1 sc.	Robert Rowley, Lake Edward, Que.
138746	*Grace & Ruby*	Yarmouth	1918	Yarmouth, N.S.	98 7	23 0	9 3	93	92	2⅔ sc.	Walter D. Sweeny, M.O., Yarmouth, N.S.
111918	Grace Holland	Toronto	1901	Peterborough, Ont.	27 0	6 0	2 0	3	2	— sc.	Wm. E. Bigwood, Toronto, Ont.
133964	*Grace L.*	Digby	1914	Comeauville, N.S.	52 0	12 3	6 3	19	18	3 sc.	Ralph E. Welch, Westport, N.S.
121703	Grace M.	Toronto	1905	Gravenhurst, Ont.	68 5	14 0	5 1	61	27	10 sc.	C. Mickle, Gravenhurst, Ont., N. Dyment and S. Dyment, Barrie, Ont.
116366	Gracie	Port Arthur	1904	Goderich, Ont.	72 5	15 1	6 8	41	28	13 sc.	John Maloney, Port Arthur, Ont.
116696	Gracie B.	Kenora	1904	Keewatin, Ont.	41 0	9 0	5 0	20	13	1 sc.	Camp Bay Gold Mining Co., Ltd., Kenora, Ont.
138488	*Gradac*	New Westminster	1915	Gig Harbour, Wash., U.S.A	59 0	14 3	6 6	33	25	4 sc.	Packers Steamship Co., Ltd., Vancouver, B.C.
134295	*Grain Grower*	New Westminster	1913	Vancouver, B.C.	44 0	11 3	3 9	19	13	2 sc.	Northern B. C. Fisheries Ltd., Vancouver, B.C.
126506	Grainer	Victoria	1909	Victoria, B.C.	100 5	23 0	8 0	141	88	18 sc.	Butler Freighting & Towing Co., Ltd., Victoria, B.C.
130245	Grand Manan	Liverpool	1911	Liverpool, N.S.	130 0	26 3	11 0	363	179	32 sc.	The Grand Manan Steamboat Co., Ltd., Grand Manan, N.B.
112308	[2]Grand Rapids	Winnipeg	1905 1913	Selkirk, Man.	121 5	26 4	7 8	438	298	23 sc.	Manitoba Transport Co., Ltd., Winnipeg, Man.
126153	Grande Ligne	Montreal	1907	Montreal, Que.	67 3	18 1	8 3	70	38	24 sc.	Frank J. Allard, Carleton, Co. of Bonaventure, Que.
134251	Granite Rock	Winnipeg	1913	Winnipeg, Man.	110 0	22 7	10 2	214	99	42 sc.	Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.
122587	Granville	Yarmouth	1909	Shelburne, N.S.	90 0	22 0	9 0	140	60	25 sc.	The Valley Steamship Co., Ltd., Granville Ferry, N.S.
112195	Gravel King	Chatham, Ont.	1911	Chatham, Ont.	84 0	25 0	5 0	120	82	4½ sc.	William A. Hadley, Chatham, Ont.
112172	Gravenhurst	Toronto	1902	Muskoka, Ont.	52 0	10 6	4 5	29	20	8 sc.	Albert A. Agar, Burk's Falls, Ont.
126422	*Gray Lady*	Vancouver	1909	Vancouver, B.C.	38 3	10 4	5 4	20	13	2 sc.	Northern Pacific Logging Co., Ltd., Vancouver, B.C.
111846	[3]Gray Loggie	Chatham, N.B.	1901	Loggieville, N.B.	77 2	25 3	7 4	99	67	12 sc.	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
90746	[3]*Grayling*	Sydney, N.S.	1885	Rothesay, N.B.	41 6	16 0	4 9	21	20	1½ sc.	Samuel Porte, Glace Bay, N.S.
80576	Great Western	Windsor, Ont.	1866	Windsor, Ont.	220 0	40 2	13 0	1,080	662	700 pa.	Grand Trunk Railway Co., Montreal, Que.
116382	Grebe	Port Arthur	1904	Sarnia, Ont.	38 0	9 0	4 0	9	6	3 sc.	Charles McKay, Rossport, Ont.
107936	Greenwood	Vancouver	1900	New Westminster, B.C.	44 0	12 4	3 6	23	16	2 sc.	Henry Emeris, Vancouver, B.C.
134547	Grenville	Ottawa	1915	Toronto, Ont.	155 0	30 9	10 9	497	232	75 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
126431	*Gretna*	Vancouver	1909	Vancouver, B.C.	36 9	7 5	3 4	9	6	3 sc.	Geo. W. Davis and W. H. Noel, Port Essington, B.C.
94938	Greyhound	Port Hope	1894	Lindsay, Ont.	59 6	10 9	3 0	37	25	4 sc.	Edward Elliott, M.O., Lindsay, Ont.
131116	[3]Grib	Ottawa	1907	Sandefjord, Norway	94 5	18 7	10 2	140	78	43 sc.	The Minister of the Naval Service, Ottawa, Ont.
126620	[4]*Grier Starratt*	Prince Rupert	1912	Gig Harbour, Wash., U.S.A.	52 7	16 4	6 0	36	25	3 sc.	Canadian Fish & Cold Storage Co., Ltd., Vancouver, B.C.
134549	Grilse ⊙	Ottawa	1912	Glasgow, G.B.	202 3	18 3	9 2	287	157	*6000 sc.	The Minister of the Naval Service, Ottawa, Ont.
138692	*Gromo Boy*	Vancouver	1914	Steveston, B.C.	36 0	8 7	3 3	9	6	1 sc.	John Kovalaskyy, Bamfield, B.C.
130379	Grosbeak	Peterboro'	1911	Hastings, Ont.	39 2	11 7	4 7	14	10	2 sc.	The Randolph Macdonald Co., Ltd., Toronto, Ont.
130855	[5]*Gryme*	Victoria		U.S.A.	92 3	18 0	6 8	110	75	9½ sc.	Vancouver & San Diego Navigation Co., Ltd., Vancouver, B.C.
138542	*Guarantee*	Lunenburg	1917	Tancook, N.S.	40 2	10 3	5 3	11	10	½ sc.	Charles Schnare, M. O., Pennant, N.S.
97071	Gulnare ⊙	Ottawa	1893	Scotstoun, Glasgow, G.B.	137 0	20 5	13 6	262	106	64 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
130757	[6]Gunhild	Vancouver	1906	Quartermaster Harbour, U.S.A	61 0	12 7	5 1	27	18	10 sc.	The Minister of Public Works, Ottawa, Ont.
125603	Guiana ⊙	Montreal	1907	Sunderland, G. B.	345 0	44 2	24 8	3,657	2,294	444 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
138605	*Gulfer*	New Westminster	1917	Steveston, B.C.	40 0	9 0	4 2	11	9	1 sc.	Yoshiyo Mukai, Steveston, B.C.
133882	*Gwendolyn*	Vancouver	1904	Seattle, Wash, U.S.A.	32 0	9 2	4 0	7	7	1 sc.	Charles C. Carter, Vancouver, B.C.
129159	Gwennith	Ottawa	1910	Alphen-on-Rhine, Holland	85 4	18 1	9 1	119	3	50 sc.	Dominion Dredging Co., Ltd., Ottawa, Ont.
112180	Gypsy	Toronto	1902	Toronto, Ont.	39 0	8 0	3 0	11	8	3 sc.	The Collins Inlet Lumber Co., Ltd., Toronto, Ont.
117120	Gypsy	Vancouver	1905	Vancouver, B.C.	46 2	12 5	5 3	27	18	5 sc.	B.C. Mills Tug & Barge Co.., Ltd., Vancouver, B.C.
121733	*Gypsy*	Vancouver	1905	Vancouver, B.C.	18 0	5 0	2 2	1	1	¼ sc.	Ernest Easthope, Vancouver, B.C.
122509	*Gypsy Queen*	Vancouver	1907	Vancouver, B.C.	21 4	6 1	3 1	2	2	½ sc.	Joseph E. Bird, Vancouver, B.C.
134305	*H. A.*	New Westminster	1913	Steveston, B.C.	33 0	7 6	3 3	6	4	⅔ sc.	Harry Ahrens, Crescent, B.C.
130406	H. C. M. No. 1	Montreal	1868	Montreal, Que.	84 0	24 0	8 2	135	72	7 sc.	Harbour Commissioners of Montreal, Montreal, Que.
*	H. C. M. No. 2	Montreal	1864	Montreal, Que.	86 5	24 8	8 8	177	107	7 sc.	William J. Finn, Montreal, Que.

[1]Foreign name, "Newport." [2]Formerly "Mikado." [3]Formerly a sailing vessel. [4]Foreign name "Mermaid." [5]Formerly "Edrie." [6]Formerly "Margaret."
*Turbines. [8]Recovered Wreck. [9]Foreign name "Minnekahta." [10]Foreign name "Howard M. Hanna jr." [11]Foreign name "Omega." [12]Formerly "Welshman."
[13]Foreign name "Western Star". [14]Foreign name "A. E. Stewart." [15]Foreign name "Minnetonka." [16]Formerly "Wawatam."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

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130408	H. C. M. No. 6	Montreal	1873	Montreal, Que	84 0	24 0	7 7	168	103	6 sc.	Harbour Commissioners of Montreal, Montreal, Que.
130409	H. C. M. No. 7	Montreal	1872	Montreal, Que	83 5	23 8	8 0	173	108	5 sc.	Wolf Ziff, Montreal, Que.
130410	H. C. M. No. 9	Montreal	1873	Montreal, Que	84 0	24 0	7 7	170	105	6 sc.	Harbour Commissioners of Montreal, Montreal, Que.
130411	H. C. M. No. 10	Montreal	1875	Montreal, Que	92 0	25 0	8 5	172	117	6 sc.	Harbour Commissioners of Montreal, Montreal, Que.
130412	H. C. M. No. 14	Montreal	1881	Montreal, Que	86 2	25 8	9 1	190	119	6 sc.	Harbour Commissioners of Montreal, Montreal, Que.
130413	H. C. M. No. 15	Montreal	1899	Montreal, Que	85 5	27 6	7 7	205	125	8 sc.	Harbour Commissioners of Montreal, Montreal, Que.
130414	H. C. M. No. 16	Montreal	1899	Montreal, Que	85 5	27 6	7 7	205	125	8 sc.	Harbour Commissioners of Montreal, Montreal, Que.
130415	H. C. M. No. 17	Montreal	1904	Montreal, Que	84 5	27 5	8 4	210	129	8 sc.	Harbour Commissioners of Montreal, Montreal, Que.
130416	H. C. M. No. 18	Montreal	1904	Montreal, Que	84 5	27 5	8 4	210	129	8 sc.	Harbour Commissioners of Montreal, Montreal, Que.
134300	*H. M. F.*	New Westminster	1908	Crescent, B.C.	29 6	8 6	2 7	5	4	¾ sc.	Howard M. Frazer, Crescent, B.C.
122200	*H. O. G.*	New Westminster	1906	Surrey, B.C.	29 6	9 0	3 7	6	4	2 sc.	Cyril H. Green and Frank Hatt, J.O., Elgin, B.C.
138003	H. Fors	Port Arthur	1915	Rossport, Ont.	71 0	15 5	5 0	38	21	8 sc.	Walter Inkster, Collingwood, Ont. and Robt. S. Misener, Sault Ste. Marie, Ont. J. O.
75686	H. C. Curtis	Prescott	1878	Quebec, Que	52 4	13 8	5 6	36	25	40 sc.	W. H. Davis, Ottawa, Ont.
.....	H. F. Bronson	Montreal	1870	Montreal, Que	91 8	18 0	7 1	137	70	28 sc.	Montreal Transportation Co., Ltd., Montreal, Que.
137928	[3]H. L. Friolet	Chatham, N.B.	1915	Caraquet, N.B.	36 0	12 0	4 7	12	11	1 sc.	H. L. Friolet, Caraquet, N.B.
117063	H. L. Hurdman	Ottawa	1902	Ottawa, Ont.	36 0	8 7	3 0	4	4	⅝ sc.	J. F. Hurdman, Ottawa, Ont.
137982	H. N. Jex	Kingston	1868 1909	Cleveland, O., U.S.A.	170 2	26 5	10 3	441	231	59 sc.	John F. Sowards, Kingston, Ont.
131068	*H. Mason*	Lunenburg	1911	Lunenburg, N.S.	41 0	10 4	5 2	11	10	⅜ sc.	Hudson Mason, M.O., Eastern Points, N.S.
137996	*H. Poirier*	Arichat, N.S.	1916	Poirierville, N.S.	30 0	10 3	5 7	11	11	7/16 sc.	Isidore Poirier, Poirierville, N.S.
103052	H. Trudel	Ottawa	1890	Simcoe, Ont.	35 0	16 0	3 3	13	6	20 pa.	R. A. Klock, *et al.*, Klock's Mills, Ont.
131017	Ha-Ha	Quebec	1913	Isle St. Louis, Que.	51 2	15 0	6 0	38	22	16 sc.	Joseph Pagé, Alphonse, Que.
138424	*Habnab*	Paspebiac	1918	Paspebiac, Que.	45 0	10 3	3 3	13	9	1½ sc.	Robin Jones & Whitman, Ltd., Halifax, N.S.
116764	Haddington	Toronto	1904	Toronto, Ont.	256 0	42 6	15 0	1,603	1,010	87 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
138732	*Hadsel*	New Westminster	1918	New Westminster, B.C.	33 6	8 6	3 8	8	6	⅝ sc.	Carl Gulbransen New Westminster, B.C.
121742	*Haidee*	Vancouver	1906	Vancouver, B.C.	34 3	10 8	5 0	14	9	¾ sc.	Charles B. Stahlschmidt, Vancouver, B.C.
138392	*Haig*	Lunenburg	1917	Tancook, N.S.	45 4	11 0	5 6	15	14	1 sc.	Collins Heisler, M.O., Tancook, N.S.
94686	Halcro	Collingwood	1889	Collingwood, Ont.	34 0	9 0	3 8	8	5	3 sc.	Herbert Hailstone, Carling, Ont.
121701	[1]Halcro II	Toronto	1905	Minett, Ont.	51 0	8 7	3 0	11	7	4½ sc.	Sir John A. Boyd, Toronto, Ont.
116470	*Halcyon*	Vancouver	1898	Vancouver, B.C.	32 2	8 0	3 5	4	3	⅝ sc.	R. A. Simmons, Vancouver, B.C.
140928	Haleva	Ottawa	1905	Kemptville, Ont.	42 0	8 4	3 6	12	8	1 sc.	Star G. Easton and Frank Liebenthal, Palmer Rapids, Ont.
126891	*Half Moon*	Vancouver	1909	Vancouver, B.C.	38 6	9 2	4 8	13	9	1½ sc.	Michael Pappas, Vancouver, B.C.
129590	Halifax	Halifax	1911	Old Kilpatrick, G.B.	125 1	48 1	12 5	595	268	24 sc.	The Dartmouth Ferry Commission, Dartmouth, N.S.
96715	Hall	Ottawa	1889	Montreal, Que.	102 8	25 5	7 4	247	136	50 sc.	The Ottawa Transportation Co., Ltd., Ottawa, Ont.

122631	*Hallie*	Kingston	1906	Kingston, Ont.	25 8	6 0	2 2	2	2	1 sc.	Samuel Anglin, Kingston, Ont.
138484	*Haluna*	New Westminster	1917	Steveston, B.C.	49 6	11 4	5 2	30	19	2 sc.	M. Kurahashi and T. Nakata, Steveston, B.C.
107241	Halys	New Westminster	1888	Washington Territory, U.S.A.	40 0	11 0	4 0	44	34	2 sc.	W. W. West, Kootenay, B.C.
134464	Hamborn	Halifax	1910	Hoboken, Holland	229 1	35 8	14 9	1,229	742	106 sc.	The Government of the Dominion of Canada, Ottawa, Ont.
103842	Hamilton	Ottawa	1896	Sand Point, Ont.	131 4	39 5	7 3	320	202	75 pa.	The Upper Ottawa Improvement Co., Ltd., Ottawa.
107466	Hamilton H	Lindsay	1894	Simcoe, Ont.	36 5	10 4	3 6	22	14	20 pa.	George Gooderham, M.O., Toronto, Ont.
107144	Hamlin	Vancouver	1898	Vancouver, B.C.	146 2	30 8	4 6	515	323	17 pa.	Defiance Packing Co., Ltd., Vancouver, B.C.
122553	Hamonic ⊙	Collingwood	1909	Collingwood, Ont.	349 7	50 0	24 0	5,265	3,295	364 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
121834	Hampton	St. John, N.B.	1905	Hampton, N.B.	100 1	21 3	5 3	183	115	34 pa.	Percy B. Belyea, St. John, N.B.
126614	*Hanaco*	Prince Rupert	1910	Naas River, B.C.	40 2	11 4	4 5	14	10	3 sc.	Nabukichi Hamadi, Claxton, B.C.
131184	*Handy Boy*	Peterborough	1914	Peterborough, Ont.	34 0	12 8	5 2	13	9	4 sc.	Peterborough Canoe Co., Ltd., Peterborough, Ont.
107348	Harbinger	Amherst, N.S.	1901	Shelburne, N.S.	97 0	20 0	8 4	109	46	16 sc.	Maritime Steamship Co., Ltd., Black's Harbour, N.B.
117075	Hardy	Toronto	1896	Simcoe, Ont.	37 0	10 0	4 0	28	18	2 pa.	W. E. Bigwood, Toronto, Ont.
133713	*Hardy Bay*	Vancouver	1910	Vancouver, B.C.	26 5	6 0	3 0	5	3	– sc.	Hermann Browning, Vancouver, B.C.
122580	Harland	Charlottetown	1908	Shelburne, N.S.	113 0	27 0	6 7	352	217	33 sc.	Wm. McClure, Pictou, N.S.
130304	Haro	Vancouver	1910	Vancouver, B.C.	106 1	25 6	12 4	233	159	35 sc.	B.C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
138604	*Harock*	New Westminster	1917	Steveston, B.C.	50 0	12 7	5 3	27	18	1 sc.	Yoshimatsu Aura, Steveston, B.C.
103444	Harold	Ottawa	1887	Arnprior, Ont.	17 0	4 5	1 8	1	1	2 sc.	Samuel Sunstrum, jr., Golden Lake, Ont.
116719	Harold	Quebec	1905	St. Laurent, Que.	31 4	9 4	3 2	7	6	1 sc.	Hon. Richard Turner, Quebec, Que.
96857	Harold B. Phillips	Sarnia	1880	Lorraine, Wis., U.S.A.	59 0	16 0	8 0	66	31	40 sc.	The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.
129531	[2]Harold Dollar ⊙	Vancouver	1910	Dumbarton, G.B.	376 5	52 2	25 5	4,377	2,823	366 sc.	Dollar Steamship Lines, Limited, Vancouver, B.C.
94845	Harold Gauthier	Windsor, Ont.	1888	Walkerville, Ont.	36 0	9 0	4 2	9	6	2 sc.	O. E. Fleming, Windsor, Ont.
138781	*Harriet E.*	Victoria	1911 / 1917	Seattle, Wash., U.S.A.	75 0	18 0	8 5	68	28	7 sc.	Sooke Harbour Fishing and Packing Co., Ltd., Victoria, B.C.
126053	Harrison ⊙	Owen Sound	1909	Owen Sound, Ont.	120 0	22 2	10 6	222	149	46 sc.	John Harrison & Sons, Co., Ltd., Owen Sound, Ont.
126553	*Harrison Princess*	Vancouver	1909	Vancouver, B.C.	22 5	6 0	2 7	3	2	⅝ sc.	The Harrison Hot Springs Co., Ltd., Harrison Hot Springs, B.C.
126547	*Harrison Queen*	Vancouver	1909	Vancouver, B.C.	28 3	8 2	3 5	5	3	1 sc.	Geo. H. Deighton, Myrtle Point, B.C.
134268	Harry A	Midland	1914	Midland, Ont.	31 5	11 3	3 8	11	7	2 sc.	Joseph M. Syer, Midland, Ont.
90762	[3]Harry Baird	Goderich	1885 / 1896	Kincardine, Ont.	61 0	17 0	6 0	42	28	25 sc.	Jas. Leighton, Port Elgin, Ont.
133961	Harry L	Digby	1913	Comeauville, N.S.	44 0	11 3	5 2	19	13	1 sc.	Whale Cove Trading Company, Ltd., Digby, N. S.
138250	Harry P	Lunenburg	1916	Tancook, N.S.	41 4	10 7	5 6	12	11	1 sc.	Harry Publicover, Blandford, N.S.
130918	Harry S	Vancouver	1897	Seattle, Wash., U.S.A.	44 1	14 0	5 7	20	14	8 sc.	Ambrose P. Allison and Thos. L. McKee, Green Point Rapids, B.C., J.O.
116484	Harvey	Wallaceburg	1904	Wilkesport, Ont.	36 0	10 7	4 6	7	4	2 sc.	Harvey Arnold, Wilkesport, Ont.
133784	*Harvey & Ralph*	St. Andrews	1913	Shelburne, N.S.	57 5	14 9	6 6	35	24	1 sc.	Irvin Ingalls, Grand Manan, N.B.
130372	Harwood	Peterboro'	1909	Peterboro, Ont.	36 0	9 0	3 4	23	15	2 sc.	The Minister of Railways and Canals, Ottawa, Ont.
122560	Hattie Bell	Peterboro'	1907	Bridgenorth, Ont.	40 1	8 0	3 0	8	5	1 sc.	Mrs. Hattie Bell, *et al.*, Bridgenorth, Ont.
121955	Hattie Berry	Port Stanley	1908	Collingwood, Ont.	66 0	15 0	7 3	42	29	10 sc.	William Berry, Port Stanley, Ont.
130345	*Hattie J.*	Charlottetown	1894 / 1907	New Haven, Conn., U.S.A. / Fall Riv., Mass., U.S.A.	38 0	15 2	3 9	19	15	2 sc.	Wm. H. Aitken, M.O., Charlottetown, P.E.I.
130242	*Hattie M.*	Liverpool	1904	Shelburne, N.S.	27 7	10 4	5 6	9	8	1 sc.	Arthur G. Pentz, Beachmeadows, N.S.
134294	*Hayafusa*	New Westminster	1914	Steveston, B.C.	37 0	9 0	4 2	10	7	1 sc.	Tonekichi Sakai, Steveston, B.C.
130857	*Haysport I.*	Vancouver	1912	Vancouver, B.C.	59 0	16 2	8 2	50	34	4 sc.	Deep C. Fisheries, Ltd., Prince Rupert, B.C.
134127	[4]*Haysport No. 2*	New Westminster	1906	Seattle, Wash., U.S.A.	64 5	17 6	8 4	40	21	3 sc.	Deep C. Fisheries, Ltd., Prince Rupert, B.C.
100623	Hazard	Port Dover	1892	Simcoe, Ont.	62 7	11 7	6 7	34	23	5 sc.	E. Harris, Port Dover, Ont.
121735	*Hazel*	Vancouver	1906	Vancouver, B.C.	29 0	5 3	2 5	2	2	½ sc.	Ernest S. Wilbrand, Vancouver, B.C.
117101	Hazel B	Ottawa	1904	North Bay, Ont.	65 0	17 1	3 6	40	25	2 sc.	Wm. T. Windsor, Callender, Ont.
133945	Hazel Graham	Ottawa	1912	Val des Bois, Que.	45 2	11 6	4 4	19	13	1 sc.	Pierre Thibault, Val des Bois, Que.
122045	Hazel G	St. Andrews	1904	Grand Manan, N.B.	35 0	11 0	5 0	10	7	1 sc.	Mrs. Robert R. Lee, St. John, N.B.
117091	[3]*Hazel Maud*	Arichat	1904	Liscomb, N.S.	35 0	11 3	5 6	10	10	⅝ sc.	Henry Fougere, Poulamon, N.S.
134205	Hazel Ruth	Charlottetown	1915	Bonshaw, P.E.I.	40 9	13 0	3 4	16	11	1 sc.	William MacRae, Bonshaw, P.E.I.
126666	*Hazel S.*	Shelburne	1910	Allendale, N.S.	39 6	11 4	4 7	12	8	½ sc.	The Union Fish Co., Ltd., Little Harbour, N.S.
112067	Hazlitt	Peterborough	1902	Simcoe, Ont.	41 6	10 3	3 9	24	15	25 pa.	The Dickson Co., Ltd., Peterborough, Ont.

[1]Formerly "Mineta." [2]Formerly "Strathardle." [3]Formerly a sailing vessel. [4]Foreign name "Roosevelt."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
85192	Heather Belle	Collingwood	1882	Meaford, Ont.	50 0	12 6	5 8	20	13	20 sc.	W. S. Richmond, Parry Sound, Ont.
112181	Heather Belle	Toronto	1902	Harrison, N.J., U.S.A.	35 3	7 1	3 3	9	6	12 sc.	Sidney E. McKinnon, Toronto, Ont.
107613	Hebron	Montreal	1899	Ottawa, Ont.	107 2	24 2	8 2	194	125	7 sc.	La Traverse de Lachine Limitee, Lachine, Que.
138413	Hecla	Winnipeg	1908	Toronto, Ont.	42 5	11 2	4 5	19	13	2 sc.	The Minister of Public Works, Ottawa, Ont.
112381	Hectanooga	Sydney, N.S.	1902	U.S.A.	30 0	7 0	2 8	2	2	— sc.	Dr. Horace Rhindress, North Sydney, N.S.
103962	Hector	Montreal	1898	Sorel, Que.	53 0	15 8	5 7	21	14	12 sc.	Montreal Sand & Gravel Co., Ltd., Montreal, Que.
112051	Hector	St. Catharines	1903	Port Colborne, Ont.	67 5	16 6	9 9	66	45	13 sc.	Michael J. Hogan, Montreal, Que.
134577	*Helac*	New Westminster	1915	Pitt River, B.C.	43 0	11 0	5 3	25	17	3 sc.	The Vancouver Dredging and Salvage Co., Ltd., Vancouver, B.C.
122476	*Helen*	Ottawa	1903	Midland, Ont.	25 4	6 1	3 0	2	1	½ sc.	R. C. Argue and Frederick McLaughlin, Latchford, Ont.
122077	*Helen*	Toronto	1906	Hamilton, Ont.	25 5	6 2	2 7	3	2	½ sc.	Henry Louis Bastien, Hamilton, Ont.
126463	Helen Anita	Port Arthur	1909	Kingston, Ont.	42 8	11 3	4 4	19	9	2 sc.	John W. Stewart, Matheson, Ont.
130894	*Helen F.*	Victoria	1910	Seattle, Wash., U.S.A.	32 0	9 3	3 5	8	4	1½ sc.	Edward J. J. Cross, Victoria, B.C.
131094	*Helen G. McLean*	Shelburne	1913	Shelburne, N.S.	64 0	17 7	7 7	37	33	3 sc.	Fred C. McLean, M.O., Port Saxon, N.S.
112228	Helen Glasier	St. John, N.B.	(1903) (1917)	St. John, N.B.	40 2	11 5	4 9	17	11	6 sc.	The St. John River Log Driving Co., Devon, N.B.
134400	[1]*Helen M. Coolen*	Lunenburg	1914	Mahone Bay, N.S.	97 6	25 0	10 0	118	77	5 sc.	William Duff, Lunenburg, N.S.
134543	Helen R.	Ottawa	1915	North Bay, Ont.	38 4	10 0	3 3	11	7	3 sc.	Thomas Reynolds, North Bay, Ont.
121914	Helen S.	Kenora	1906	Kenora, Ont.	38 0	8 0	4 0	13	9	1 sc.	John William Short, Kenora, Ont.
107695	Helen S.	Toronto	1899	Collin's Inlet, Ont.	80 0	16 2	9 5	86	58	17 sc.	The Collins Inlet Lumber Co., Ltd., Toronto, Ont.
122289	[1]*Helen and Hilda*	Shelburne	1908	Shelburne, N.S.	41 0	13 5	6 3	16	12	1 sc.	Maximin Félix Boudreau, Inkerman, N.B.
133678	*Helen Viola*	Halifax	1914	Tancook, N.S.	42 8	11 6	6 7	14	13	⅝ sc.	Isaac Gray and Howard J. Gray, Sambro, N.S.
122129	*Helena*	Halifax	1906	Halifax, N.S.	39 0	9 0	4 8	13	9	⅝ sc.	George E. Francklyn, Jr., Halifax, N.S.
133758	Helena	St. John, N.B.	1907	Collingwood, Ont.	108 8	23 3	14 0	299	204	81 sc.	The Minister of Public Works, Ottawa, Ont.
122078	*Helena*	Toronto	1906	Hamilton, Ont.	25 5	6 2	2 7	3	2	1 sc.	Henry Louis Bastien, Hamilton, Ont.
131114	Henri R.	Montreal			78 3	25 1	5 7	101	63	4½ sc.	Alexander McKay, Quebec, Que.
92414	[1]Henrietta	Chatham, N.B.	1886	Beaver Point, N.B.	41 3	13 0	3 7	19	13	8 sc.	George Dutch, Beaver Point, N.B.
100685	Henrietta	New Westminster	1891	Seattle, Wash., U.S.A.	30 0	8 0	4 5	7	5	2 sc.	P. Genello, Tappen Siding, B.C.
134160	[2]Henrietta Stewart	Toronto	1915	Collingwood, Ont.	56 0	14 5	6 9	53	32	6 sc.	Canadian Stewart Co., Ltd., Toronto, Ont.
138094	Henry B. Hall	Montreal	1881	Detroit, Mich., U.S.A.	220 0	35 0	17 6	1,190	618	95 sc.	Fairhaven Transportation and Coal Co., Ltd., Montreal, Que.
122026	*Hy. D. Davis*	Liverpool	1907	Liverpool, N.S.	57 3	18 1	7 6	38	29	2 sc.	John C. Douglas, Glace Bay, N.S.
133793	Henry F. Jelly	Port Stanley	1915	Port Stanley, Ont.	59 0	16 5	6 8	31	21	9 sc.	Nathan Smith Cornell, Port Stanley, Ont.
126058	[3]Henry Pedwell	Owen Sound	(1909 (1916	Lion's Head, Ont. Owen Sound, Ont.	90 0	19 6	9 6	186	127	22 sc.	John Tackaberry, Lions Head, Ont.
126087	*Hera*	Vancouver	1908	Vancouver, B.C.	24 5	7 1	3 2	5	3	⅔ sc.	Alexander McCallum, Vancouver, B.C.

126261	Herbert M.	Toronto	1908	Hollow Lake, Muskoka, Ont.	51 0	12 1	4 3	44	27	6 sc.	Chas. Mickle, Gravenhurst, Ont.
116607	Hercule	Montreal	1904	Sorel, Que.	58 0	15 1	7 5	45	28	16 sc.	Canadian Sand & Gravel Co., Ltd., Montreal, Que.
122473	Hercule	Ottawa	1905	Hull, Que.	39 0	8 6	3 0	15	10	1 sc.	Maurice Bernard, Astorville, Ont.
130648	Hercules	Ottawa	1911	Pembroke, Ont.	50 0	16 0	4 3	30	19	2 pa.	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
122217	Hercules	Toronto	1906	Toronto, Ont.	100 0	23 1	11 6	234	137	65 sc.	The Minister of Public Works, Ottawa, Ont.
107105	Hercules	Victoria	1898	Nelson, B.C.	79 5	14 8	5 9	65	44	17 sc.	Forest Mills of British Columbia, Ltd., Revelstoke, B.C.
138697	[9]*Hermosa*	Vancouver	1915	Tacoma, Wash., U.S.A.	37 8	13 4	5 2	26	18	2 sc.	Gulf Islands Fishing & Canning Co., Ltd., Vancouver, B.C.
122483	Hero	Quebec	1907	St. Joseph de Levis, Que.	54 3	15 6	5 7	32	22	6½ sc.	Geo. A. McLeod, Halifax, N.S.
94751	Hero	St. John, N.B.	1889	Portland, N.B.	92 2	21 3	6 2	128	81	50 pa.	The St. John River Log Driving Co., Devon, N.B.
133861	[4]Hero No. 1	New Westminster	1902	Ballard, Wash., U.S.A.	50 4	14 9	6 2	31	21	13 sc.	Pacific Mills, Ltd., Vancouver, B.C.
134126	*Heron Wing*	New Westminster	1913	Vancouver, B.C.	50 0	11 3	4 7	23	16	2 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
130747	*Hesquiat*	Vancouver	1911	Vancouver, B.C.	26 5	8 6	3 2	7	5	⅔ sc.	John Dybhavn and Olaf Hansar, Prince Rupert, B.C.
97020	Heward McMaugh	St. Catharines	1898	St. Catharines, Ont.	47 0	15 7	8 0	42	29	11 sc.	M. P. Davis, Ottawa, Ont.
111936	Hiawatha	Lindsay	1901	Lindsay, Ont.	48 6	10 6	4 0	22	18	12 pa.	R. Kennedy, M.O., Lindsay, Ont.
103801	Hiawatha	Pictou, N.S.	1904	Pictou, N.S.	51 3	14 6	6 3	49	34	8 sc.	T. R. Powell and J. R. Christie, Fisher's Grant, N.S.
72982	Hiawatha	Sarnia	1874	Dresden, Ont.	92 7	20 0	7 6	163	111	150 sc.	Sarnia Tug & Transit Co., Ltd., Sarnia, Ont.
100768	Hiawatha	Toronto	1895	Toronto, Ont.	56 0	13 3	6 3	46	31	8 sc.	Royal Canadian Yacht Club, Toronto, Ont.
121704	Hiawatha	Toronto	1905	Port Carling, Ont.	49 0	10 6	3 7	27	18	2 sc.	T. B. Croucher and A. Croucher, J.O., Port Carling, Ont.
121727	*Hiawatha*	Vancouver	1901	Victoria, B.C.	20 0	7 5	3 3	5	3	... sc.	T. F. Barton, Vancouver, B.C.
83214	Hiawatha	Windsor, N.S.	1882	Hantsport, N.S.	132 3	21 3	8 0	230	117	225 sc.	J. A. Farquhar, Halifax, N.S.
88568	High Rock (The)	Kingston	1885	Kingston, Ont.	41 6	10 0	3 9	8	5	15 sc.	Thomas Wilson, Montreal, Que.
107708	[5]Highland Belle	Ottawa	1900	Orillia, Ont.	75 0	16 8	5 2	50	31	3 sc.	The Lake Nipissing Shipping & Transportation Co., Ltd., Toronto, Ont.
80856	Highland Mary	Halifax	1880	Shelburne, N.S.	68 8	22 0	7 0	74	50	180 sc.	The Halifax Dredging Co., Ltd., Halifax, N.S.
138039	*Highlander*	Barrington Passage	1917	Port Clyde, N.S.	42 8	12 2	5 0	19	15	1 sc.	Wm. S. Davidson, Halifax, N.S.
134580	*Hiker*	New Westminster	1915	Steveston, B.C.	32 3	8 4	3 7	8	6	1 sc.	Gorokichi Shimino, Ewens Cannery, B.C.
116783	Hilda	Vancouver	1904	Vancouver, B.C.	58 0	13 4	6 3	33	22	8 sc.	S. K. Champion and Wm. W. White, Vancouver, B.C.
122239	[1]*Hilda Brannen*	Liverpool	1908	Port Clyde, N.S.	29 2	12 0	4 9	10	10	½ sc.	Merrill F., and Boardman H. Pentz, J.O., Beach Meadows, N.S.
122426	Hilford	Halifax	1908	Tancook, N.S.	64 5	15 2	6 5	38	26	8 sc.	The J. Foster Rood Co., Ltd., Halifax, N.S.
97079	Hillsborough	Charlottetown	1894	Mt. Stewart, P.E.I.	105 0	25 0	8 4	229	75	30½ pa.	The Government of Prince Edward Island, Charlottetown, P.E.I.
130252	Hilma	Windsor, N.S.	1913	Mount Denson, N.S.	55 6	14 0	6 0	31	21	13 sc.	Wm. H. McKinlay, Mount Denson, N.S.
134437	*Hina II*	Vancouver	1914	Vancouver, B.C.	34 0	8 5	4 3	11	8	1 sc.	George Rorie, Vancouver, B.C.
134165	*Hippolyta II*	Yarmouth	1915	Comeauville, N.S.	46 4	12 0	4 0	15	11	1 sc.	Charles J. Hanley, Yarmouth, N.S.
126530	Hiram Robinson	Ottawa	1910	Sand Point, Ont.	110 0	23 6	6 7	203	118	37 sc.	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
126795	*Hitaka*	New Westminster	1910	Vancouver, B.C.	37 6	8 8	3 9	10	7	2 sc.	Yonekichi Nakanichi, Steveston, B.C.
134307	*Hitar*	New Westminster	1911	Steveston, B.C.	35 0	8 0	3 4	8	5	½ sc.	Antone Tijan, Port Guichon, B.C.
140903	*Hiyu*	Vancouver	1918	Steveston, B.C.	47 9	13 7	5 2	36	19	3 sc.	Gosse—Millerd Packing Co., Ltd., Vancouver, B.C.
126346	*Hobo*	Barrington Passage	1911	Port Clyde, N.S.	35 0	12 4	5 0	12	12	⅝ sc.	Philip T. Smith, Canso, N.S.
132818	Hochelaga ⊙	Montreal	1912	Middlesborough, G.B.	375 3	52 0	27 6	4,681	2,601	490 sc.	Hochelaga Steamship Company, Ltd., Halifax, N.S.
138074	[6]Hochelaga ⊙	Ottawa	1900	Leith, Scotland	192 6	27 6	14 8	628	427	116 sc.	The Minister of the Naval Service, Ottawa, Ont.
102730	[7]Hocking	Halifax	1895	West Hartlepool, G.B.	304 0	44 0	20 7	2,554	1,632	240 sc.	The Government of the Dominion of Canada, Ottawa, Ont.
121717	[1]*Hokushinmaru*	Vancouver	1904	Steveston, B.C.	34 5	13 0	3 8	19	13	1 sc.	Joseph W. Chappell, Vancouver, B.C.
117077	Holland & Graves, No. 3.	Toronto	1905	Simcoe, Ont.	41 0	10 0	4 0	30	19	2 pa.	W. E. Bigwood, Toronto, Ont.
117076	Holland & Graves, No. 4.	Toronto	1905	Simcoe, Ont.	41 0	10 0	4 0	30	19	2 pa.	W. E. Bigwood, Toronto, Ont.
130684	[1]*Hollo*	Lunenburg	1911	Tancook, N.S.	42 8	10 1	5 5	12	11	⅔ sc.	J. Ernst & Son, Ltd., Mahone Bay, N.S.
130547	*Holly Leaf*	Vancouver	1911	Vancouver, B.C.	56 6	14 2	5 1	24	17	3 sc.	H. Bell-Irving Co., Ltd., Vancouver, B.C.
95091	Holly Bank	Vancouver	1888	Glasgow, G.B.	26 0	7 0	3 3	3	1	2 sc.	Mrs. Margaret McIntosh, Vancouver, B.C.
97001	Home Rule	St. Catharines	1890	Thorold, Ont.	74 9	17 0	9 4	81	45	50 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
138212	[10]Home Smith	Midland	1901	Lorain, O., U.S.A.	346 0	48 0	24 0	3,495	2,526	151 sc.	The Algoma Central & Hudson Bay Railway Co., Sault Ste. Marie, Ont.
130222	Homer Warren	Owen Sound	1901	Bay City, Mich., U.S.A.	180 0	28 0	9 0	447	304	73 sc.	The Peninsula Tug & Towing Co., Ltd., Wiarton, Ont.
122195	*Homespun*	Vancouver	1907	New Westminster, B.C.	46 0	10 0	4 5	17	10	1 sc.	George H. Jackson, Quatsino, B.C.
111499	Honfleur	Quebec	1900	St. Henri de Taillon, Que.	38 5	10 2	4 9	19	13	3 sc.	Charles Potvin, St. Jerome, Que.

[1]Formerly a sailing vessel. [2]Formerly "Harvey." [3]Formerly "Charles Lemcke." [4]Foreign name "Hero." [5]Formerly "Van Woodland." [6]Foreign name "Waturas."
[7]Formerly "Parklands." [9]Foreign Name "Elizabeth". Foreign name "William S. Mack."

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Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mod[e] of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
103897	Hong Kong	New Westminster	1897	New Westminster, B.C.	59 2	12 2	5 4	36	25	4 sc.	A. A. Plumner Co., Ltd., *et al.*, Vancouver, B.C.
103242	Honoré	Montreal	1894	Verchères, Que.	51 8	12 7	4 9	22	15	3 sc.	Lyon Cohen, Montreal, Que.
126560	*Hoo Hoo*	Vancouver	1909	Vancouver, B.C.	28 5	9 8	4 0	11	7	1 sc.	Bertrand W. Sinclair, Vancouver, B.C.
103144	Hope	Quebec	1893	Quebec, Que.	44 6	11 0	4 2	19	7	16 sc.	J. S. Thom, Quebec, Que.
117007	Hope	Victoria	1902	Richardson, Wash. U.S.A.	47 0	12 7	4 9	26	18	8 sc.	Chas. F. Todd, Victoria, B.C.
88368	Hope	Victoria	1881	Seattle, Wash., U.S.A.	72 2	16 2	8 5	78	48	5 sc.	Vancouver Island Towing Co., Ltd., Victoria, B.C.
71252	Hope	Windsor, Ont.	1870	Detroit Mich, U.S.A.	95 0	25 0	8 2	170	116	150 sc.	The Buffalo & Fort Erie Ferry & Railway Co., Fort Erie, Ont.
130485	*Hope Transfer*	New Westminster	1908	Vancouver, B.C.	28 2	8 1	2 0	4	3	½ sc.	Luke Gibson, Hope, B.C.
130294	Hopkins	Vancouver	1910	Howe Sound, B.C.	61 6	17 6	8 0	62	42	14 sc.	Gordon S. Hopkins, *et al.*, J. O., Vancouver, B.C.
116369	Horton	Goderich	1906	Goderich, Ont.	72 0	16 1	8 5	66	45	24 sc.	William Marlton, Goderich, Ont.
100720	Hosanna	Montreal	1893	Sorel, Que.	89 0	18 4	6 7	78	27	18 sc.	C .J. Leon Veilleux, Levis, Que.
131077	*Hosie*	Lunenburg	1912	Tancook, N.S.	40 0	10 0	5 0	11	10	⅓ sc.	Charles W. Mason, Eastern Points, Lunenburg Co., N.S.
126551	Hosmer	Vancouver	1909	Nelson, B.C.	109 8	20 9	8 4	154	105	36 sc.	Canadian Pacific Railway Co., Montreal, Que.
133821	[8]Howard W.	Montreal	1891	Green Bay, Wis., U.S.A.	233 0	37 6	20 3	1,517	924	96 sc.	Howard W. Limited, Quebec, Que.
133813	*Howard Stanley*	Lunenburg	1913	Tancook, N.S.	43 8	12 0	6 0	16	15	1 sc.	Peter A. Gray, Pennant, N.S.
140902	*Howe Sound*	Vancouver	1914	Seymour Creek, B.C.	30 9	8 4	3 7	8	5	1 sc.	Tsunikichi Sugiyama, Vancouver, B.C.
140919	*Howe Sound II*	Vancouver	1918	Steveston, B.C.	37 5	9 6	4 6	15	10	2⅕ sc.	Tsunikichi Sugiyama, Vancouver, B.C.
131072	*Howker*	Halifax	1912	Tancook, N.S.	41 0	11 3	5 9	13	12	½ sc.	Hiram Marryat, Pennant, N.S.
138418	*Hubaco*	Winnipeg	1917	Edmonton, Alta.	35 0	7 5	2 7	5	3	2 sc.	Hudsons Bay Co., Winnipeg, Man.
111985	Hubert	Vancouver	1902	Vancouver, B.C.	32 9	8 9	4 0	6	4	1 sc.	Nicholas Cook and Alfred Falk, Lund, B.C.
100181	Hudson	Montreal	1891	Sorel, Que.	128 5	25 1	6 4	158	80	75 pa.	Sincennes-McNaughton Line, Ltd., Montreal, Que.
107783	Hudson	Ottawa	1899	Barry's Bay, Ont.	73 5	17 0	3 3	45	37	60 pa.	H .E. Hudson and J.C. Hudson, Barry's Bay, Ont.
112232	Hudson	St. John, N.B.	1903	St. John, N.B.	57 7	12 5	4 7	34	23	7 sc.	The Minister of Marine and Fisheries, Ottawa, Ont..
134248	Hudson Bay Terminals, Lighter No. 1	Toronto	1914	Toronto, Ont.	122 0	21 5	9 0	268	129	19 sc.	The Minister of Railways and Canals, Ottawa, Ont.
134249	Hudson Bay Terminals, Lighter No. 2.	Toronto	1914	Toronto, Ont.	122 0	21 5	9 0	268	129	19 sc.	The Minister of Railways and Canals, Ottawa, Ont.
134441	Hudson Bay Terminals, Lighter No. 3	Toronto	1914	Toronto, Ont.	122 0	21 5	9 0	268	129	19 sc.	The Minister of Railways and Canals, Ottawa, Ont.
103664	Hudson's Bay Messenger.	Winnipeg	1897	Kenora, Ont.	33 0	7 4	3 2	5	3	1 sc.	Hudson's Bay Co., London, Eng.
122558	Hugh Stalker	Collingwood	1910	Collingwood, Ont.	72 3	15 7	6 3	43	29	10 sc.	George Stalker, Collingwood, Ont.

134336	*Hughanna*	Chatham, N.B.	1914	Caraquet, N.B.	36 0	10 0	5 3	13	11	1 sc...	Joseph N. B. Sewell, Caraquet, N.B.
130673	[1]*Hughie V. L*	Lunenburg	1910	Little Tancook, N.S.	39 6	10 2	5 4	11	10	⅜ sc...	Rodgers Levy, Little Tancook, N.S.
138521	*Halda O.*	Vancouver	1917	Lund, B.C.	49 5	12 0	7 2	28	19	2 sc...	James Orpana, Lund, B.C.
107459	*Hum er*	Vancouver	1895	Vancouver, B.C.	26 1	7 2	3 0	3	2	1 sc...	The Wurtzburg Co., Ltd., Vancouver, B.C.
121751	ummer	Vancouver	1906	Vancouver, B.C.	31 3	5 5	2 4	2	2	2 sc...	Letson & Burpee, Ltd., Vancouver, B.C.
140978	*Humming Bird No. 2*	New Westminster	1918	Steveston, B.C.	42 8	9 8	4 2	15	10	2 sc...	Gorokichi Nakamura, Steveston, B.C.
83343	Hunkidori	Quebec	1881	Quebec, Que.	30 4	9 4	4 7	10	3	15 sc...	James Murphy, Quebec, Que.
116694	Hunter	Kenora	1903	Kenora, Ont.	30 0	8 6	4 0	11	8	1 sc...	Wm. H. Boucha, Kenora, Ont.
121965	*Hunter*	Kingston	1906	Gananoque, Ont.	26 0	5 7	2 3	2	1	4 sc...	Charles T. Munroe, Gananoque, Ont.
116765	Hunter	Toronto	1894	Simcoe, Ont.	37 0	10 0	3 5	14	9	2 pa...	The Ontario Lumber Co., Ltd., Toronto, Ont.
116990	*Hunter W*	Kenora	1905	Detroit, Mich., U.S.A.	18 8	5 0	2 0	1	1	¼ sc...	R. Wolff, Kenora, Ont.
71216	Huron	Sarnia	1875	Point Edward, Ont.	238 5	53 9	12 8	1,052	688	300 sc...	Grand Trunk Railway Co., Montreal, Que.
107168	Huronic ⊙	Collingwood	1902	Collingwood, Ont.	321 0	43 0	23 4	3,330	2,211	245 sc...	Canada Steamship Lines, Ltd., Montreal, Que.
130950	*Hurrah*	Lunenburg	1912	Tancook, N.S.	42 6	11 0	5 6	14	13	⅜ sc...	Mrs. Janet Richardson, Canso, N.S.
138040	*Hurrah-Hurrah*	Barrington Passage	1917	Woods Harbour, N.S.	37 0	9 3	4 3	12	11	⅜ sc...	Neville Canneries, Ltd., Halifax, N.S.
138541	*Hurry-up*	Lunenburg	1917	Tancook, N.S.	43 5	12 0	6 3	17	16	⅜ sc...	Alvin Stevens, M.O., Tancook, N.S.
122516	*Hustler*	Vancouver	1907	Vancouver, B.C.	57 0	14 0	6 4	44	30	6 sc...	John J. Hodder, Vancouver, B.C.
126615	*Hydah*	Prince Rupert	1910	Skidegate, B.C.	33 1	9 8	3 7	8	6	1 sc...	Isaac Wilson, Skidegate, B.C.
88250	Hydra	Deseronto	1892	Trenton, Ont.	40 0	7 0	4 7	6	4	3½ sc...	Seth Benson, Deseronto, Ont.
100460	Hygeia	Sydney, N.S.	1886	Lévis, Que.	72 6	16 6	6 7	58	39	21 sc...	Cape Breton Electric Co., Ltd., Sydney, N.S.
112283	I. C. U.	Digby	1892	Yarmouth, N.S.	25 5	7 5	3 5	4	4	5 sc...	H. W. Cann, Bridgetown, N.S.
131042	I Go	Sorel	1910	Sorel, Que.	46 6	8 0	3 2	7	5	1 sc...	Moise Robidoux, Yamaska, Que.
130594	*I Wonder Y*	Halifax	1912	Sambro, N.S.	48 6	12 8	6 0	17	16	½ sc...	David Kellcher, Halifax, N.S.
130612	*Iance*	Victoria	1911	Port Simpson, B.C.	38 7	9 2	3 7	13	9	1 sc...	Charles A. Gardner, Victoria, B.C.
133908	Iberville	Sorel	1897	Sorel, Que.	86 3	17 7	10 3	128	42	42 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
112307	Iceland	Winnipeg	1904	The Narrows, Man.	44 0	13 0	5 0	34	23	2 sc...	Helgi Emarsson, The Narrows, Man.
100607	[1]*Icelda*	Lunenburg	1893	Sable River, N.S.	39 5	14 6	6 7	19	18	½ sc...	Ewart Boutilier, Marriotts Cove, N.S.
141112	*Ichijo*	Vancouver	1917	Steveston, B.C.	26 0	7 6	3 4	6	4	1 sc...	Tomekichi Morisawa, Steveston, B.C.
130582	*Ichthus M*	Halifax	1911	West Chezzetcook, N.S.	32 0	11 6	3 4	6	5	⅓ sc...	Oliver L. Squires, North Sydney, N.S.
133930	[1]*Icicle*	Chatham, N.B.	1913	Hardwicke, N.B.	30 0	9 0	5 3	11	10	½ sc...	Benjamin Martin, jr., Escuminac, N.B.
88564	Ida	Ottawa	1884	Deseronto, Ont.	95 6	20 6	6 2	111	76	75 sc...	J. T. Lemay and A. Roy, Hull, Que.
90559	Ida Bell	Port Burwell	1890	Clear Creek, Ont.	28 0	7 0	3 2	6	3	2 sc...	C. C. Bates, Clear Creek, Ont.
134082	[4]*Ida Jane*	Vancouver	1912	Brockville, Ont.	29 5	6 5	3 0	4	2	1 sc...	James C. Shields, Vancouver, B.C.
103188	Ida Lue	Yarmouth	1896	Shelburne, N.S.	61 0	13 6	6 7	45	30	21 sc...	The Nova Scotia Dredging Co., Ltd., Halifax, N.S.
96984	Idaho	New Westminster	1888	Idaho, U.S.A.	36 5	9 0	3 8	6	4	1 sc...	Arthur Bunting, Bonner's Ferry, Idaho, U.S.A.
126373	[1]*Ideal*	Lunenburg	1909	Sambro, N.S.	42 0	11 8	6 5	16	15	⅜ sc...	Albert D. Meisner, Lunenburg, N.S.
100135	Idell	Winnipeg	1892	Selkirk, Man.	70 2	16 5	6 0	54	37	16 sc...	Manitoba Transport Co., Ltd., Winnipeg, Man..
116865	Idler	Ottawa	1904	Hawkesbury, Ont.	61 0	17 6	4 4	51	32	35 pa.	The River Sand Co., Ltd., Montreal, Que.
111539	Idler	Vancouver	1898	Vancouver, B.C.	32 0	8 0	3 2	4	2	2 sc...	Stanley Menhinnick and Thos. J. Dunn, Arrowhead, B.C.
122355	*Idonno*	Kingston	1907	Gananoque, Ont.	29 6	6 7	3 0	4	3	1 sc...	George H. Funnell, Gananoque, Ont.
138494	*Ihi*	Montreal	1915	Caughnawaga, Que.	29 8	5 0	1 5	1	1	⅛ sc...	Angus O. Rice, Caughnawaga, Que.
121722	*Ila*	Vancouver	1905	Vancouver, B.C.	32 0	10 2	5 1	15	10	½ sc...	Henry A. Watson, Prince Rupert, B.C.
112298	Iland	Winnipeg	1902	Selkirk, Man.	52 0	12 6	5 5	30	20	2 sc...	The City of Winnipeg, Man.
126466	Ilderim	Kingston	1910	Kingston, Ont.	57 0	9 6	4 5	18	12	8 sc...	Robert H. Verity, Toronto, Ont.
130553	*I'Llaway*	Vancouver	1911	Vancouver, B.C.	37 0	9 3	4 5	14	9	2 sc...	Ernest G. Alcock, Esquimalt, B.C.
100048	Illecillewaet	Kingston	1897	Brockville, Ont.	50 4	7 8	4 5	16	10	10 sc...	Wm. T. Cassidy, Kingston, Ont.
126246	*Iloilo*	Victoria	1905	Seattle, Wash., U.S.A.	51 5	11 4	4 0	23	14	3 sc...	Vancouver Power Co., Ltd., Vancouver, B.C.
126473	*Ilys*	Halifax	1907	Port Hawkesbury, N.S.	32 6	9 3	4 8	6	6	1 sc...	John H. Winfield, Halifax, N.S.
99710	Imbricaria	Vancouver	1893	Beverley, G.B.	101 0	20 5	11 0	150	66	45 sc...	Canadian Fishing Company, Limited, Vancouver, B.C.
137931	*Imoto*	Vancouver	1915	Steveston, B.C.	28 0	7 4	3 4	4	3	⅜ sc...	Washesi Oya, Vancouver, B.C.
122199	Imp	Vancouver	1908	New Westminster, B.C.	65 8	15 2	6 4	56	34	12 sc...	John Duncan McNeil, Vancouver, B.C.
130860	*Impala*	Vancouver	1912	Vancouver, B.C.	47 7	11 0	5 7	25	17	2 sc...	Northern B.C. Fisheries, Ltd., Vancouver, B.C.
108346	[2]Imperial	Sarnia	1898	Willington Quay, G.B.	200 0	32 0	14 4	796	412	130 sc...	The Imperial Oil Co., Ltd., Sarnia, Ont.
121915	Imperial	Sorel	1907	Sorel, Que.	200 0	41 9	7 6	1,098	578	38½ pa...	Alexander Desmarteaux, Montreal, Que.
126513	*Imperieuse*	Victoria	1910	Victoria, B.C.	38 4	10 9	4 8	14	8	1½ sc...	Hon. Archer Martin, Victoria, B.C.
135209	Imperoyal ⊙	Sarnia	1913	Grangemouth, G.B.	249 5	43 1	19 7	2,253	1,384	157 sc...	The Imperial Oil Co., Ltd., Sarnia, Ont.

[1]Formerly a sailing vessel. [2]Formerly "Minoco". [3]Formerly "John Duncan." [4]Formerly "Emanuel Pyecroft."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
135238	Impoco⊙	Sarnia	1913	Grangemouth, G.B.	249 5	43 1	19 7	2,257	1,383	157 sc.	The Imperial Oil Co., Ltd., Sarnia, Ont.
130744	[8]*Improver*	Vancouver	1910	Seattle, Wash., U.S.A.	40 5	12 0	4 8	20	13	3 sc.	Massett Timber Co., Ltd., Vancouver, B.C.
111577	Ina	Toronto	1901	Toronto, Ont.	56 0	9 3	3 7	14	10	3 sc.	Wm. J. Gage, Toronto, Ont.
116759	Ina	Toronto	1904	Parry Sound, Ont.	53 0	10 8	5 6	27	18	6 sc.	John Galna and R. W. Danter, J.O., Parry Sound, Ont.
107735	India	Montreal	1899	Garden Island, Ont.	215 9	36 4	15 0	976	573	118 sc.	Montreal Transportation Co., Ltd., Montreal, Que.
125971	*Indiola*	Toronto	1905	Toronto, Ont.	34 0	8 0	3 0	6	4	$\frac{5}{8}$ sc.	Isaac N. Devins, Toronto, Ont.
112179	Inenew	Toronto	1902	Toronto, Ont.	86 5	18 0	7 7	109	46	13 sc.	Hudson's Bay Co., London, Eng.
96906	Ingomar	Kingston	1890	Carleton Place, Ont.	61 0	10 5	3 6	22	13	20 sc.	Edmond Robinault, Valleyfield, Que.
126613	Inlander	Prince Rupert	1910	Victoria, B.C.	135 5	28 5	5 2	533	340	13 pa.	Prince Rupert, Skeena Transportation Co., Ltd., Prince Rupert, B.C.
121966	*Inn (The)*	Kingston	1905	Gananoque, Ont.	25 0	5 6	2 2	2	1	$\frac{3}{4}$ sc.	Frederick J. Henderson, Gananoque, Ont.
134634	Inonoaklin	Victoria	1915	Edgewood, B.C.	39 5	10 7	4 4	19	13	1 sc.	William J. Banting, Edgewood, B.C.
140882	*Inskip*	Vancouver	1918	Vancouver, B.C.	52 6	14 2	6 0	42	16	3 sc.	The Canadian Fish Co., Ltd., Vancouver, B.C.
96849	International	Sarnia	1872	Fort Erie, Ont.	210 0	40 0	12 0	851	559	300 sc.	Lake Erie and Detroit River Ry. Co., Walkerville, Ont.
103489	International	Victoria	1896	Kaslo, B.C.	142 0	24 9	5 6	526	281	17 pa.	The International Nav. & Trading Co., Ltd., Kaslo, B.C.
107323	[7]Inverness	Halifax	1895	West Mystic, Conn, U.S.A.	91 1	16 5	7 0	67	46	15 sc.	E. M. Dickson, Louisburg, N.S.
133702	*Invercraig*	Vancouver	1912	Vancouver, B.C.	42 0	9 8	4 8	16	11	$1\frac{3}{4}$ sc.	Anderson Logging Co., Ltd., Vancouver, B.C.
130892	*Invermere*	Victoria	1912	Golden, B.C.	75 0	13 0	3 7	66	45	$1\frac{1}{2}$ sc.	Alex. Blakley, Golden, B.C.
122168	*Invicta*	Vancouver	1904	Vancouver, B.C.	26 0	8 0	3 0	8	5	$\frac{1}{2}$ sc.	Thomas J. Cook, Vancouver, B.C.
134514	Iocolite ⊙	Sarnia	1916	Collingwood, Ont.	250 0	43 1	16 6	2,060	1,549	95 sc.	The Imperial Oil Co., Ltd., Sarnia, Ont.
132745	Iocoma	Sarnia	1912	Dundee, G.B.	248 2	42 6	15 6	1,669	1,035	84 sc.	The Imperial Oil Co., Ltd., Sarnia, Ont.
122220	*Iola*	Toronto	1903	Hamilton, Ont.	37 0	10 3	4 2	13	9	$\frac{5}{8}$ sc.	Robert J. Lovell, *et al.*, Toronto, Ont.
122592	[3]*Iolanthe*	St. Andrews, N.B.	1883	Daversport, Mass., U.S.A.	46 2	14 8	5 1	20	14	2 sc.	Raymond D'Entremont, West Pubnico, N.S.
112338	Iona	Collingwood	1901	Meaford, Ont.	58 2	13 2	5 6	29	20	9 sc.	Hector McInnes, Meaford, Ont.
112296	Iona	Winnipeg	1898	Winnipegosis, Man.	58 0	12 0	4 4	38	23	4 sc.	Peter McArthur, Westbourne, Man.
116954	[9]Ionic	Sarnia	1872	Buffalo, N.Y., U.S.A.	238 2	35 6	12 6	1,708	1,030	125 sc.	The Northern Navigation Co., Ltd., Collingwood, Ont.
100764	Iota	Toronto	1891	Spanish River, Ont.	34 0	8 4	4 0	6	4	6 sc.	G. Hamilton, Spanish River, Ont.
110544	Iperia ⊙	Montreal	1899	Sunderland, G.B.	340 2	45 0	23 0	3,362	2,147	290 sc.	Iperia Shipping Corporation, Ltd., Montreal, Que.
133252	*Iphis*	Vancouver	1914	Hong Kong.	63 0	13 0	7 0	38	14	9 sc.	Powell, River Co., Ltd., Vancouver, B.C.
122164	*Ipsoot*	Vancouver	1902	Vancouver, B.C.	28 7	9 2	2 7	8	5	$\frac{1}{2}$ sc.	Thomas E. Ford, Hornby Island, B.C.
103932	Irene	Chatham, N.B.	1897	Port Hawkesbury, N.S.	36 3	11 3	4 7	10	7	6 sc.	South West Boom Co., New Castle, N.B.
92728	[1]Irene	Midland	1887 1905	Penetanguishene, Ont. Midland, Ont.	69 0	12 0	5 3	45	18	9 sc.	Ira Hill, Midland, Ont.
111954	Irene	New Westminster	1904	Saturna Island, B.C.	20 0	5 0	3 0	2	2	1 sc.	Ah See, Coal Island, B.C.
107943	Irene	St. Catharines	1892	Hamilton, Ont.	25 3	6 0	2 2	3	2	4 sc.	Harry Leslie, Port Colborne, Ont.

121832	*Irene*	St. John, N.B.	1904	St. John, N.B.	37	9	9	5	3	5	10	7	1½ sc.	F. P. Starr, St. John, N.B.
103603	Irene	Sydney, N.S.		Great Britain	25	8	7	0	4	2	3	2	2 sc.	F. J. Kelley, North Sydney, N.S.
92444	Irene	Toronto	1887	Toronto, Ont.	42	0	8	0	4	5	7	5	3 sc.	Geo. F. Oakley and T. H. Allen, J.O., Toronto, Ont.
116101	Irene	Victoria	1903	Nakusp, B.C.	60	0	13	0	5	3	29	20	7 sc.	The Canadian Pacific Lumber Co., Ltd., Port Moody, B.C.
140913	*Irene B.*	Vancouver			35	7	8	6	3	2	10	6	2½ sc.	Andrew Caestro, Vancouver, B.C.
92562	Iris	Halifax	1887	Dartmouth, N.S.	24	4	4	7	2	5	2	1	2 sc.	Chas. S. Pickford, Halifax, N.S.
112200	Iris	Hamilton	1903	Hamilton, Ont.	47	0	10	0	5	6	16	9	20 sc.	Francis W. Merchant, London, Ont.
107640	Iris	New Westminster	1899	New Westminster, B.C.	54	0	11	5	5	5	20	13	2 sc.	The Brunette Sawmills Co., Ltd., New Westminster, B.C.
137940	*Irish Belle*	Vancouver	1915	Vancouver, B.C.	28	0	7	5	2	8	6	4	¾ sc.	Ole A. Bruskeland, Prince Rupert, B.C.
116850	Iroquois	Owen Sound	1907	Huntsville, Ont.	118	5	23	0	7	5	307	198	28 sc.	The Huntsville Lake of Bays & Lake Simcoe Navigation Co., Limited, Huntsville, Ont.
112073	*Iroquois*	Peterborough	1903	Detroit, Mich., U.S.A.	22	6	5	8	2	1	2	1	¼ sc.	Mrs. F. A. Price, Mississagua, Ont.
111855	[2]Iroquois (The)	Toronto	1902	Toronto, Ont.	260	0	43	2	25	2	2,359	1,452	79 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
117002	Isaac	New Westminster	1901	Port Guichon, B.C.	42	9	10	4	3	7	14	9	2 sc.	B. C. Marine Ltd., Vancouver, B.C.
111505	Isabel	St. John, N.B.	1900	Detroit, Mich., U.S.A.	22	5	5	6	2	3	1	1	— sc.	Wm. T. Chesnutt, Fredericton, N.B.
122399	Isabella McCormack	Victoria	1908	Golden, B.C.	94	9	18	8	3	5	178	112	3 pa.	The Columbia River Lumber Co., Ltd., Golden, B.C.
112304	Isabelle	Winnipeg	1903	Winnipegosis, Man.	64	0	16	0	6	0	41	28	4 sc.	Peter McArthur, Westbourne, Man.
138733	*Ise*	New Westminster	1918	Steveston, B.C.	39	0	9	4	4	3	14	10	1⅝ sc.	Yoshiyo Mukai, Steveston, B.C.
130544	*Isgerude*	Vancouver	1911	Vancouver, B.C.	44	0	12	3	5	4	18	12	2½ sc.	Northern B.C. Fisheries, Ltd., Vancouver, B.C.
96704	Ishaway	Ottawa	1888	Brockville, Ont.	45	4	8	2	3	6	7	5	10 sc.	E. A. Small, Montreal, Que.
107873	Ishkoodah	Lindsay	1893	Carleton Place, Ont.	30	0	6	2	2	2	3	2	6 sc.	Dr. G. S. Ryerson, Toronto, Ont.
131156	*Iskum*	Victoria	1912	Vancouver, B.C.	68	6	17	4	9	2	62	42	5½ sc.	Clayoquot Sound Canning Co., Ltd., Victoria, B.C.
116632	Island Lassie	Lindsay	1907	Lindsay, Ont.	37	0	6	0	3	0	7	5	⅝ sc.	William E. Austin, Fenelon Falls, Ont.
138784	[6]Island Princess	Victoria	1913	Tacoma, Wash., U.S.A.	116	2	23	1	8	5	339	203	43 sc.	Canadian Pacific Railway Co., Montreal, Que.
107841	[3]*Island Queen*	Toronto	1877	St. Williams, Ont.	52	3	17	3	4	3	34	27	⅝ sc.	Mrs. Mary Raines, Toronto, Ont.
122110	Islander	Charlottetown	1906	Shelburne, N.S.	67	0	17	5	7	6	54	37	16 sc.	The Island Tug Co., Ltd., Charlottetown, P.E.I.
111567	Islander	Toronto	1900	Gravenhurst, Ont.	100	0	17	4	5	7	165	78	14 sc.	The Muskoka Lakes Nav. & Hotel Co., Ltd., Toronto, Ont.
90566	[4]Islay	Toronto	1895	Orillia, Ont.	116	0	18	0	6	2	175	119	39 sc.	Chas. McInnes, Orillia, Ont.
116550	Isleway	Montreal	1904	Kingston, Ont.	51	8	10	5	4	4	14	9	5 sc.	Isleway Fish and Game Club, Ltd., Montreal, Que.
126722	Islinda	Peterboro'	1910	Young's Point, Ont.	80	0	16	0	5	0	51	37	3 sc.	Patrick P. Young, Young's Point, Ont.
111796	*Isobel*	Pictou, N.S.	1906	Port Hawkesbury, N.S.	41	6	14	0	5	9	21	20	1 sc.	Graham Fraser, Now Glasgow, N.S.
116712	Ivan R	Hamilton	1903	Grandes Piles, Que.	67	8	15	8	4	6	66	45	4 sc.	Donald McG. Stewart, Burlington, Ont.
121753	*Ivanhoe*	Victoria	1906	Vancouver, B.C.	32	2	10	3	4	7	12	8	1 sc.	Henry E. Neave, Esquimalt, B.C.
122547	Ivanhoe	Vancouver	1907	Vancouver, B.C.	99	7	22	5	10	9	182	123	26 sc.	Kingcome Navigation Co., Ltd., Vancouver, B.C.
126040	*Iviza*	Liverpool	1910	Mill Village, N.S.	42	0	9	6	4	6	10	9	1⅞ sc.	Jason F. Mack, Liverpool, N.S.
130378	*Ivola*	Peterboro'	1909	Peterboro' Ont.	26	0	5	3	2	2	2	1	¾ sc.	L. A. Potvin, Peterboro', Ont.
126523	Ivy Clark	Ottawa	1907	Sturgeon Falls, Ont.	46	8	14	2	7	5	28	20	2 sc.	Charles Wm. Clark, Sturgeon Falls, Ont.
130913	*Ivy Leaf*	Vancouver	1912	Vancouver, B.C.	56	0	14	0	4	5	25	17	3 sc.	H. Bell Irving & Co., Ltd., Vancouver, B.C.
140984	*Iyo*	New Westminster	1918	Steveston, B.C.	37	0	8	8	4	2	10	7	1⅞ sc.	Gitaro Hiroto, Steveston, B.C.
138603	*Izumi*	New Westminster	1917	Steveston, B.C.	55	0	13	2	5	4	33	27	3 sc.	Sannosure Kuroyama, Steveston, B.C.
126888	*J. A.*	Vancouver	1910	Vancouver, B.C.	26	0	6	7	3	5	5	4	1 sc.	Joseph A. Fisher, Vancouver, B.C.
138332	[3]*J. A. H.*	St. John, N.B.	1917	Bellile Bay, N.B.	59	1	23	5	6	2	56	38	2 sc.	D. T. Alexander and M. L. Manson, Alma, N.B.
130646	*J. E. C.*	Ottawa	1911	Calumet Island, Que.	49	5	11	4	3	4	21	13	1 sc.	John E. Cahill, Calumet Island, Que.
138482	*J. H. N.*	New Westminster	1916	New Westminster, B.C.	39	0	10	0	5	2	12	8	1 sc.	George Cassady, Steveston, B.C.
138118	*J. I. 4*	New Westminster	1912	Steveston, B.C.	46	0	14	0	5	2	19	13	2⅞ sc.	Jervis Inland Canning Company, Ltd., Vancouver, B.C.
126607	J. O'B.	Chatham, N.B.	1910	Chatham, N.B.	57	0	12	0	5	5	35	13	8 sc.	O'Brien, Ltd., Nelson, N.B.
138362	*J. R. D.*	Vancouver	1917	Vancouver, B.C.	58	4	15	2	7	7	42	28	4 sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
138610	*J. & S.*	New Westminster	1917	Ladner, B.C.	35	4	7	5	3	9	9	6	⅞ sc.	Edward Wilson, Ladner, B.C.
125442	J. A. McKee ⊙	Sault Ste. Marie	1908	Newcastle-on-Tyne, G.B.	248	0	43	1	22	5	2,158	1,375	204 sc.	The Minister of Railways and Canals, Ottawa, Ont.
117167	J. A. Mumford	Windsor, N.S.	1903	Spencer's Island, N.S.	80	5	20	2	9	4	115	9	40 sc.	Gypsum Packet Co., Ltd., Windsor, N.S.
116809	J. A Paul	Sorel	1906 1909	Sorel, Que.	81	5	13	5	4	8	77	42	9 sc.	J. L. B. Leclaire, Sorel, Que.
126721	J. B. McColl	Peterboro'	1908	Lakefield, Ont.	48	0	8	6	5	6	24	16	2 sc.	The Minister of Railways and Canals, Ottawa, Ont.
90527	[5]J. B. McLeod	Chatham, Ont.	1893	Mitchell's Bay, Ont.	53	5	12	1	5	7	25	17	3 sc.	Brock McAulay, Southampton, Ont.
125980	*J. B. Paine*	Toronto	1906	Toronto, Ont.	39	6	8	0	5	0	11	8	2 sc.	John C. Holtby, Toronto, Ont.
126175	*J. C. Bruce*	New Westminster	1908	Vancouver, B.C.	43	0	9	1	3	7	17	11	1 sc.	Jas. Cunningham, New Westminster, B.C.

[1]Formerly "Maude". [2]Formerly "Tadenac." [3]Formerly a sailing vessel, [4]Formerly "Orillia." [5]Formerly "Earl." [6]Foreign name "Daily." [7]Recovered Wreck.
[8]Foreign name "Lone Star". [9]Formerly "Cuba".

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriètaire grant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
134267	J. C. Else	Midland	1915	Midland, Ont.	45 4	11 0	4 2	23	16	2 sc..	The Georgian Bay Lumber Co., Ltd., Waubaushene, Ont.
138549	*J. C. Martin*	Lunenburg	1917	Tancook, N.S.	52 0	13 6	6 7	27	25	1 sc..	Francis B. Martin, M.O., Ketch Harbour, N.S.
126610	J. C. Miller	Chatham, N.B.	1910	Douglastown, N.B.	54 0	14 9	5 0	33	15	12 sc..	Wm. B. Snowball, Chatham, N.B.
112335	J. D. Hamill	Collingwood	1904	Meaford, Ont.	80 0	16 2	8 6	111	76	24 sc..	The John Island Tug Co., Ltd., John Island, Ont.
100039	J. D. Hewis	Toronto	1892	Midland, Ont.	55 6	12 4	5 3	51	35	2 sc..	David Hewis, M.O., Midland, Ont.
122179	J. D. Morrison	Port Arthur	1907	Collingwood, Ont.	78 0	20 0	11 6	116	79	32 sc..	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
126099	J. D. Schofield	St. Catharines	1910	Port Robinson, Ont.	58 4	16 0	9 4	51	31	30 sc..	Arthur G. Ross, *et al.*, Port Colborne, Ont.
122161	J. E. Boyden	Vancouver	1888	Seattle, Wash., U.S.A.	84 4	19 0	9 7	122	83	37 sc..	Boyden Tug Co., Ltd., Victoria, B.C.
116396	J. E. Mills	Sarnia	1883	Marysville, U.S.A.	108 0	23 5	7 8	149	64	25 sc..	James Lanaway, and F. J. Trotter, J. O., Amherstburg, Ont
122647	J. F. Booth	Ottawa	1907	Latchford, Ont.	75 4	18 0	5 2	90	53	8 pa..	John R. Booth, Ottawa, Ont.
117061	J. F. Hurdman	Ottawa	1902	Ottawa, Ont.	36 0	8 7	3 0	4	4	$\frac{5}{8}$ sc..	W. L. Hunter, Pembroke, Ont.
126237	*J. G. Cox*	Victoria	1908	Victoria, B.C.	44 0	8 0	4 0	10	5	$3\frac{1}{2}$ sc..	John A. Murdoch, Vancouver, B.C.
122251	J. G. Witherbee	Quebec	1872	Philadelphia, Pa., U.S.A.	111 2	22 0	9 8	165	82	49 sc..	The Minister of Public Works, Ottawa, Ont.
138415	J. H. Montgomery	Winnipeg	1913	Selkirk, Man.	64 6	16 2	7 4	76	52	10 sc..	The Minister of Public Works, Ottawa, Ont.
134250	J. H. G. Hagarty ⊙	Toronto	1914	Collingwood, Ont.	536 0	58 3	27 3	7,462	5,704	217 sc..	Canada Steamship Lines, Ltd., Montreal, Que.
111619	J. H. Hackett	Montreal	1901	Quebec, Que.	87 9	21 2	8 8	117	80	34 sc..	George Hall Coal Company of Canada, Ltd., Montreal, Que.
107170	J. H. McDonald	Collingwood	1902	Collingwood, Ont.	65 0	12 0	6 9	41	28	11 sc..	Waldie Bros., Ltd., Toronto, Ont.
126046	J. H. Upham	Port Arthur	1880 1908	Buffalo, N.Y., U.S.A. Duluth, Minn., U.S.A.	48 0	12 0	7 0	26	14	5 sc..	George H. Fineout, Port Arthur, Ont.
130225	J. H. Young	Owen Sound	1915	Tobermory, Ont.	47 0	10 0	6 4	17	11	6 sc..	James H. Young, Gore Bay, Ont.
134616	J. H. Wade	Montreal	1890	Cleveland, O., U.S.A.	265 6	38 1	23 1	2,301	1,389	111 sc..	Wade Steamship Co., Ltd., Halifax, N.S.
138502	J. J. McCarthy	Montreal	1911	Simcoe, Ont.	39 1	10 0	2 7	18	10	2 sc..	The St. Maurice Construction Company, Ltd., Montreal, Que.
107333	J. L. Nelson	Halifax	1899	Yarmouth, N.S.	64 0	13 8	6 6	38	19	12 sc..	The Minister of Marine and Fisheries, Ottawa, Ont.
116397	J. M. Diver	Ottawa	1904	Sarnia, Ont.	67 6	16 4	9 0	48	33	40 sc..	Quebec Harbour Commissioners, Quebec, Que.
112309	J. M. Smith	Winnipeg	1905	Winnipeg, Man.	120 0	21 0	4 0	179	122	8 pa..	Wm. H. Hall, Winnipeg, Man.
126490	J. O. Gravel	Montreal	1909	Dumbarton, G.B.	94 5	24 0	12 6	197	4	54 sc..	War Office, London, Eng.
138031	*J. R. Atwood*	Barrington Passage	1871	Bath, Maine, U.S.A.	63 1	19 4	6 7	47	45	2 sc..	Hartford Small Jr. and Merrill Small, Whitehead, N.B.
138226	J. R. Binning	Montreal	1916	Sorel, Que.	53 1	15 5	7 7	58	31	24 sc..	Canada Steamship Lines, Ltd., Montreal, Que.
122273	J. R. Spear	Winnipeg	1909	Totogan, Man.	70 0	16 5	6 0	71	48	13 sc.	The Northern Fish Co., Ltd., Selkirk, Man.
133936	J. S. Rayside	Ottawa	1913	Monte Bello, Que.	66 0	17 8	6 6	49	28	17 sc..	The Owens Lumber Co., Ltd., Montreal, Que.
117000	J. S. Thompson	Ottawa	1902	Simcoe, Ont.	40 0	16 0	3 6	13	8	2 pa..	J. F. Hurdman, Ottawa, Ont.
116572	J. T. Horne	Fort William	1913	Port Arthur, Ont.	128 6	28 0	14 4	428	291	117 sc..	John R. Binning, Montreal, Que.
131055	J. W. Bennett	Port Arthur	1876	Huron, O., U.S.A.	90 6	17 5	9 0	107	73	30 sc..	The Superior Sand & Towing Co., Ltd., Fort William, Ont.
134327	J. W. Brankley	Chatham, N.B.	1914	Chatham, N.B.	64 0	16 0	7 0	61	19	16 sc..	John W. Brankley, Chatham, N.B..
130559	*J. W. Dickie*	Vancouver		U.S.A.	24 0	8 0	2 5	5	3	1 sc..	Alfred Harris, North Vancouver, B.C.

134020	J. W. Ward	Port Arthur	1891 1909	Benton Harbour, Mich., U.S.A.	70	4	19	1	6	8	64	33	10 sc... The Port Arthur Construction Co., Ltd., Port Arthur, Ont.
130776	[1]J. Frater Taylor	Sault Ste. Marie	1901	Lorain, O., U.S.A.	346	0	48	0	24	1	3,429	2,030	169 sc... Algoma Central & Hudson Bay Railway Co., Sault Ste. Marie, Ont.
122626	J. Howard	Chatham, N.B.	1908	Newcastle, N.B.	48	0	11	5	5	0	16	11	10 sc... Timothy W. Crocker, Newcastle, N.B.
138798	*J. Miller*	Quebec	1917	Ile aux Coudres, Que.	38	3	15	7	5	3	19	10	2 sc... Joseph Miller, Bersimis, Que.
112269	J. Paul	Montreal	1901	Sorel, Que.	40	0	11	1	4	8	19	13	3 sc... Arthur Laforce and Arthur Belanger, J. O., Lachine, Que.
112030	Jack	Quebec	1901	Montmagny, Que.	49	8	14	2	5	8	31	21	4 sc... The Price Brothers & Co., Ltd., Quebec, Que.
126263	Jack C.	Toronto	1907	Fesserton, Ont.	43	0	10	0	4	0	19	13	3 sc... John C. Keenan, Owen Sound, Ont.
122391	*Jack Stuart*	Victoria	1908	Victoria, B.C.	60	0	13	0	3	5	36	18	3 sc... Archibald Stuart, Duncan, B.C.
122293	Jack Winton	Prince Albert	1907	Prince Albert, Sask.	50	0	15	0	2	5	19	12	3 pa.. Prince Albert Lumber Co., Ltd., Prince Albert, Sask.
131523	[2]Jacobsen	Sydney, N.S.	1885	Arendale, Norway	147	9	31	1	17	1	507	254	70 sc... Canadian Whaling Co., Ltd., Seven Islands, Que.
137935	*Jake*	Vancouver	1912	Vancouver, B.C.	32	2	9	5	4	0	12	8	1 sc... Frank Hatt, Crescent, B.C.
131512	James H. Shrigley	Sarnia	1881	Milwaukee, Wis., U.S.A.	171	0	31	2	11	5	534	400	65 sc... Charles A. Barnard, Montreal, Que.
133902	James Howden	Sorel	1902	Sorel, Que.	90	6	22	0	8	6	177	66	44 sc... The Minister of Marine and Fisheries, Ottawa, Ont.
111511	James Holly	St. John, N.B.	1901	St. John, N.B.	48	0	13	8	6	5	31	21	5 sc... Alex. B. Holly, *et al.*, St. John, N.B.
96844	James McKeown	Sarnia	1893	Sarnia, Ont.	52	5	12	5	5	0	36	24	30 sc... The Blind River Towing Co., Ltd., Blind River, Ont.
121948	James Morgan	Sorel	1906	Hull, Que.	52	0	11	6	4	8	21	8	4 sc... Lyon Cohen, Montreal, Que.
116971	James Neilson	Chatham, N.B.	1904	Chatham, N.B.	61	0	14	5	5	7	31	21	8 sc... James P. Burchill, Nelson, N.B.
103823	James Pendergast	Cornwall	1914	Kingston, Ont.	60	1	15	3	9	4	64	34	16 sc... James Pendergast, Cornwall, Ont.
100943	James Playfair	Port Burwell	1894	Collingwood, Ont.	50	0	11	6	6	0	26	18	3 sc... Erwin Tedford, *et al*,. J.O., Port Burwell, Ont.
130632	James S. Gregory	St. John, N.B.	1911	St. John, N.B.	58	2	16	2	7	3	53	36	14 sc... James S. Gregory, St. John, N.B.
92307	James Storey	Port Arthur	1888	Collingwood, Ont.	63	0	14	2	7	3	49	33	5 sc... Geo. H. Fincout, Port Arthur, Ont.
116816	James W. Follette	Montreal	1881	Gibraltar, Mich., U.S.A.	207	2	35	6	12	0	756	540	88 sc... George Hall Coal Company of Canada, Ltd., Montreal, Que.
121709	James Whalen	Port Arthur	1905	Toronto, Ont.	108	0	24	0	13	0	313	156	66 sc... The Canadian Towing and Wrecking Co., Ltd., Port Arthur, Ont.
130344	*Janet A.*	Charlottetown	1912	Belle River, P.E.I.	55	4	15	4	5	8	35	34	$\frac{5}{6}$ sc... Duncan J. Riley, Belle River, P.E.I.
138369	*Janet Carruthers*	Vancouver	1917	North Vancouver, B.C.	240	0	44	1	19	3	1,466	1,253	36 sc... Canada West Coast Navigation Co., Ltd., Vancouver, B.C.
117191	*Jap*	Kenora	1905	Kenora, Ont.	23	0	6	0	2	5	3	2	$\frac{5}{6}$ sc... Scott & Hudson Building Co., Ltd., Kenora, Ont.
100038	[3]Jasmine	Toronto	1892 1906	Toronto, Ont. Sorel, Que	112	4	21	9	7	4	298	184	18 sc... The Toronto Ferry Co., Ltd., Toronto, Ont.
133790	*Jason B.*	St. Andrews, N.B.	1916	Comeauville, N.S.	46	1	13	6	5	9	18	12	1 sc... Frank Blakeman, Grand Harbour, N.B.
122064	*Jean*	Montreal	1905	Montreal, Que.	35	8	8	3	3	6	7	4	1 sc... Henri Hervieux, Montreal, Que.
133794	Jean F.	Port Stanley	1917	Port Stanley, Ont.	52	0	15	4	5	4	25	17	3 sc... Angus A. Ferris, Port Rowan, Ont.
133840	*Jean & Jacques*	Montreal	1912	Three Rivers, Que.	46	0	10	4	3	6	19	10	2 sc... Maxime Cloutier, Grandes Piles, Que.
138231	*Jean Jacques II*	Montreal	1916	Three Rivers, Que.	56	2	12	4	3	8	33	19	4 sc... Maxime Cloutier, Grandes Piles, Que.
138069	Jean MacNamara	Ottawa	1916	Ottawa, Ont.	56	4	13	3	5	8	41	26	3 sc... McLachlin Bros., Ltd., Arnprior, Ont.
134658	*Jean Steedman*	Victoria	1917	Victoria, B.C.	245	7	43	8	21	0	1,577	1,253	18 sc... Canada West Coast Navigation Co., Ltd., Vancouver, B.C.
138105	Jeanne Alice	Montreal	1910	Valleyfield, Que.	80	7	17	2	4	5	60	29	1 sc... Jos. L. Ally, Montreal, and Edgide Ally, Pierreville, Que., J.O.
126146	Jeanne d'Arc	Sorel	1908	Sorel, Que.	96	2	22	3	6	5	105	69	3 sc... Celestin Leboeuf Sr., Valleyfield, Que.
138455	Jeannette P.	Sorel	1918	Trois Rivières, Que.	50	2	13	4	4	4	26	3	3 sc... Charles Page, Trois Rivières, Que.
138734	*Jedway*	New Westminster	1918	Steveston, B.C.	57	6	14	8	6	6	51	37	3$\frac{3}{4}$ sc... Kototara Ota, Vancouver, B.C.
134174	Jellicoe	Shelburne	1914	Allendale, N.S.	49	6	15	7	7	6	25	22	2 sc... William McMillan and Lauchlan McKay, Lockeport, N.S.
130713	Jennet B.	Kenora	1912	Kenora, Ont.	44	0	11	2	4	0	20	13	5 sc... Lawrence Budreaux, Rainy River, Ont.
137900	Jennie C.	Toronto	1916	Huntsville, Ont.	37	5	9	4	4	4	17	12	3 sc... Benjamin Cottrill, Huntsville, Ont.
100795	Jennie June	New Westminster	1887	Seattle, Wash., U.S.A.	29	8	8	0	3	8	4	4	1 sc... J. A. Clarke, New Westminster, B.C.
107814	Jennie Mac	Peterborough	1899	Peterborough, Ont.	33	2	7	2	3	4	5	3	6 sc... C. B. McAllister, Peterborough, Ont.
130735	[4]*Jennie P. S.*	Lunenburg	1911	Tancook, N.S.	59	2	14	0	7	6	34	32	$\frac{5}{6}$ sc... Oswald Dauphinee, M.O., Hacketts Cove, N.S.
130794	Jericho	Vancouver	1911	North Vancouver, B.C.	67	0	14	5	4	4	44	30	7 sc... Arthur G. Balkwill, Vancouver, B.C.
138195	*Jerry D.*	Liverpool	1917	Port Mouton, N.S.	34	3	9	7	5	0	10	10	1 sc... Simeon H. Colp and Herman H. Stuard, J. O., Port Mouton, N.S.
126128	Jeska	Kingston	1909	Kingston, Ont.	198	0	24	4	7	3	189	107	16 sc... Edward McKenzie, Smiths Falls, Ont., and John F. Sowards, Kingston, Ont.
138396	*Jessen J. M.*	Lunenburg	1917	Tancook, N.S.	42	6	11	4	6	3	15	14	$\frac{5}{6}$ sc... Joseph Mosher, Little Tancook, N.S.
107898	[5]Jessie	Quebec	1879	Buffalo, N.Y., U.S.A.	46	0	12	5	5	5	19	13	7 sc... Achille Bernier, St. Joseph de Levis, Que.
112069	Jessie	Peterborough	1900	Bayonne, Mich., U.S.A.	31	0	7	5	3	6	9	6	2 sc... Stanley Burton, Peterborough, Ont.
107721	Jessie	Vancouver	1899	Jersey City, N.J., U.S.A.	45	4	10	0	3	9	9	6	15 sc... A. J. W. Bridgeman and R. Greenwood, J.O., Victoria, B.C.

[1]Foreign name "Saturn." [2]Foreign name "Samson." [3]Formerly "Ojibway" and "A. J. Tymon." [4]Formerly a sailing vessel. [5]Formerly "M. M. Drake."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

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111787	[3]*Jessie*	Victoria	1890	Benecia, Cal., U.S.A.	76 0	24 5	7 0	64	31	6 sc.	Victoria Fishing Co., Ltd., Victoria, B.C.
126043	Jessie B.	Port Arthur	1905	Rossport, Ont.	29 0	8 0	4 0	5	3	1 sc.	Wm. and Daniel Alexander, J.O., Nepigon, Ont.
107714	Jessie Bain	Montreal	1888	Clayton, N.Y., U.S.A.	70 8	14 8	5 0	67	41	14 sc.	Michael Normoyle, Montreal, Que.
134097	*Jessie Ellen*	Vancouver	1914	Vancouver, B.C.	29 3	8 0	3 0	4	3	1 sc.	Brooks Bidlake Cedar Co., Ltd., Vancouver, B.C.
103643	Jessie Forward	Kingston	1896	Millhaven, Ont.	36 6	7 7	4 2	6	4	2 sc.	J. F. Walsh, Napanee, Ont.
96780	Jessie Gray	Halifax	1889	Marble Mt., N.S.	80 0	17 9	5 7	76	48	20 pa.	Bras d'Or Lime Co., Ltd., Halifax, N.S.
70288	Jessie Hall	Port Arthur	1867	Buffalo, N.Y., U.S.A.	83 5	17 0	8 8	57	29	16 sc.	The Russell Timber Co., Ltd., Port Arthur, Ont.
97009	Jessie Hume	St. Catharines, Ont.	1861	St. Catharines, Ont.	62 9	15 4	8 3	58	40	38 sc.	The Minister of Public Works, Ottawa, Ont.
138780	[2]*Jessie Island*	Victoria	1917	Tacoma Wash, U.D.A.	51 8	14 6	6 3	31	19	3 sc.	Genichi Kodama, and Aikimatsu Tabata, J. O., Vancouver, B.C.
116245	Jessie M.	Sault Ste. Marie	1903	Algoma Mills, Ont.	42 0	10 0	4 2	14	8	1½ sc.	Alphonse Metiver, Algoma Mills, Ont.
117115	Jessie Mac	Vancouver	1905	Vancouver, B.C.	61 5	16 0	7 5	57	39	8 sc.	Edward J. Coyle and Hugh S. McLellan, Vancouver, B.C.
138368	*Jessie Norcross*	Vancouver	1917	North Vancouver, B.C.	240 5	43 6	19 3	1,481	1,268	36 sc.	Canada West Coast Navigation Co., Ltd., Vancouver, B.C.
74019	*Jewel*	Lunenburg	1876	Shelburne, N.S.	69 6	21 2	7 9	62	49	1 sc.	Miss Mary E. Young and Humphrey Mellish, Halifax, N.S.
111572	Joe	Toronto	1900	Huntsville, Ont.	65 0	13 0	4 9	57	39	6 sc.	The Huntsville, Lake of Bays & Lake Simcoe Nav. Co., Ltd., Huntsville, Ont.
122322	*Joe*	Vancouver	1906	Everett, Wash., U.S.A.	27 0	8 2	4 0	5	4	½ sc.	George A. Walkem, Vancouver, B.C.
134072	*Joe Baker*	Vancouver	1913	Seattle, Wash., U.S.A.	36 0	10 1	4 5	12	8	½ sc.	Casslmar Edwards, Prince Rupert, B.C.
116378	Joe Dudley	Port Arthur	1865	Buffalo, N.Y., U.S.A.	70 0	15 0	8 6	52	36	10 sc.	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
131084	Joe Goodwin	Toronto	1912	Toronto, Ont.	48 4	14 0	6 0	38	26	2 sc.	Joseph Goodwin, Toronto, Ont.
133951	Joffre D.	Sorel	1915	Sorel, Que.	52 6	13 1	5 9	38	19	13 sc.	Alphonse Derochers, Sorel, Que.
111670	John	Montreal	1902	Pt. Fortune, Que.	65 6	19 2	2 9	19	13	2 sc.	Adelard and Leopold Crevier, Parish of St. Andrews, Que.
130714	John A. Minor	Kenora	1913	Kenora, Ont.	50 8	14 0	5 0	40	27	3 sc.	Keewatin Lumber Co., Ltd., Keewatin, Ont.
130435	John B. Ketchum 2nd.	Montreal	1892	Toledo, O., U.S.A.	193 0	40 5	12 3	1,109	763	77 sc.	George Hall Coal Company of Canada, Ltd., Montreal, Que.
107853	John C. Barr	Dawson	1898	Unalaska, Alaska, U.S.A.	144 6	28 2	4 8	547	316	150 pa.	R. B. Snowdon, Dawson, Yukon Territory.
130387	John E. Monk	Amherstburg	1887	Sandusky, Ohio, U.S.A.	72 0	16 5	7 5	58	40	10 sc.	Charles P. Hackett, Amherstburg, Ont.
111805	[2]Jno. E. Russell	Toronto	1902	Richard's Landing, Ont.	54 0	12 4	4 4	26	17	10 sc.	Toronto Harbour Commissioners, Toronto, Ont.
121705	John Fraser	Toronto	1905	Parry Sound, Ont.	31 5	8 0	3 2	6	4	½ sc.	John Fraser, Parry Sound, Ont.
130758	*John H. Sprott*	Vancouver	1911	Vancouver, B.C.	53 3	27 5	4 9	40	27	4 sc.	Minister of Public Works for British Columbia, Victoria, B.C.
92387	John Haggart	Kingston	1887	Perth, Ont.	99 9	17 5	6 0	184	104	65 sc.	John and Lawrence Bellmore, Southampton, Ont.
126013	John Hancock	Annapolis Royal	1908	Granville Ferry, N.S.	53 0	16 2	5 2	43	29	3 sc.	Bernard Dolan, Granville Ferry, N.S.
85519	John Hanlan	Toronto	1884	Port Dalhousie, Ont.	71 0	16 0	6 0	37	25	25 sc.	Lawrence Solman, Toronto, Ont.
107136	John J. Noble	Goderich	1901	Goderich, Ont.	68 1	15 1	6 9	33	23	13 sc.	Dominion Fish Co., Ltd., Winnipeg, Man.
107242	John L. Card	Victoria	1897	New Westminster, B.C.	92 0	24 0	8 0	141	96	5 sc.	R. S. Griffiths and J. S. Durage, J.O., Victoria, B.C.
94919	John Logie	Southampton	1893	Goderich, Ont.	76 0	13 8	5 5	37	25	13½ sc.	John Logie, Southampton, Ont.

107137	John McKay	Goderich	1901	Goderich, Ont.	68 1	15 1	6 9	34	23	14 sc.	Daniel McKay, Cockburn Isl., Ont.
112339	John McRae	Collingwood	1905	Meaford, Ont.	62 0	14 0	6 4	34	23	10 sc.	Albert J. Lowe, Killarney, Ont.
130521	John Pratt	Montreal	1911	Sorel, Que.	80 5	22 1	11 4	166	78	54 sc.	Sincennes-McNaughton Line, Ltd., Montreal, Que.
130233	John R. Moore	Port Stanley	1911	Port Stanley, Ont.	68 0	16 6	9 0	63	43	6 sc.	John R. Moore, Port Stanley, Ont.
130431	John R. Stover	Sarnia	1911	Collingwood, Ont.	75 0	18 2	8 1	94	45	27 sc.	The Mississaga Towing Co., Ltd., Blind River, Ont.
117121	John Randall	Kingston	1905	Kingston, Ont.	104 4	22 5	6 3	133	53	13½ sc.	Harold F. Randall, Seeley's Bay, Ont.
88241	[1]John Rolph	Toronto	1883	Deseronto, Ont.	136 6	27 8	10 3	421	212	32 sc.	Point Anne Quarries, Ltd., Toronto, Ont.
134266	John Schell	Midland	1915	Waubaushene, Ont.	36 2	10 0	3 7	18	11	2 pa.	The Georgian Bay Lumber Co., Ltd., Waubaushene, Ont.
103033	John Thomson	Ottawa	1889	Quinze Bay, Que.	39 0	8 6	3 3	5	4	5 sc.	R. A. Klock, Klock's Mills, Ont.
130522	John Young	Montreal	1910	Sorel, Que.	84 5	22 0	8 1	170	77	48 sc.	Harbour Commissioners of Montreal, Montreal, Que.
107666	Johnnie H	Quebec	1899	Quebec, Que.	41 0	10 4	4 0	14	5	10 sc.	John S. Thom, Quebec, Que.
116262	Jolly Four	Toronto	.....	.....	36 0	10 5	4 6	10	7	1 sc.	Harry Oldfield, Parry Sound, Ont.
130698	*Jolly Mac*	Vancouver	1911	Vancouver, B.C.	53 2	11 0	5 0	26	18	2 sc.	William J. Butt, Vancouver, B.C.
100669	Jopl	Kingston	1895	Newboro', Ont.	52 2	7 8	3 6	11	7	9 sc.	John Paul, Newboro', Ont.
134416	*Jory*	Vancouver	1914	Vancouver, B.C.	28 3	9 0	3 6	5	3	1 sc.	Frederick A. Tully, Vancouver, B.C.
107804	Joseph	St. John, N.B.	1899	St. John, N.B.	58 6	16 4	7 4	54	37	17 sc.	The Beaver Dredging Co., Ltd., St. John, N.B.
137993	*Joseph A*	Arichat	1909	Tancook, N.S.	44 0	10 0	6 6	15	15	1 sc.	Joseph A. Boudrot, Petit de Grat, N.S.
107621	Joseph Clossett	New Westminster	1898	Lake Bennett, B.C.	80 0	21 0	4 5	147	93	3½ pa.	British Yukon Navigation Co., Ltd., Vancouver, B.C.
130626	[3]*Joseph Lester*	Yarmouth	1912	Pubnico, N.S.	41 0	12 4	5 0	15	14	¾ sc.	Joseph R. Amiro, West Pubnico, N.S.
103047	Joseph Taylor	Ottawa	1894	Lac Dumoine, Que.	37 0	15 7	3 6	17	9	20 pa.	J. R. Booth, Ottawa, Ont.
130499	Joyful	New Westminster	1912	New Westminster, B.C.	49 0	14 0	5 1	31	18	8 sc.	Canadian Tug Boat Co., Ltd., Vancouver, B.C.
138108	[4]Joyland	Montreal	1884	Detroit, Mich., U.S.A.	250 5	37 0	14 3	1,845	1,070	88 sc.	Montreal Transportation Company, Ltd, Montreal, Que.
121734	*Juanita*	Vancouver	1906	Vancouver, B.C.	19 8	7 2	2 2	3	2	¼ sc.	Albert French, Vancouver, B.C.
103936	Jubilee	Chatham, N.B.	1897	Douglastown, N.B.	43 9	11 6	4 8	17	11	3 sc.	William Anderson, Church Point, N.B.
103645	Jubilee	Kingston	1897	Kingston, Ont.	84 2	15 4	5 0	117	78	10 sc.	La Cie de Navigation Ville-Marie, Quebec, Que.
121840	Judge Moore	St. John, N.B.	1885	Tarrytown, N.Y., U.S.A.	62 3	13 7	5 4	36	25	13 sc.	John P. Lunn, *et al.*, Albert, N.B.
138342	Julia C. Moran	Halifax	1902	Philadelphia, Pa., U.S.A.	96 0	22 1	10 9	192	49	43 sc.	War Office, London, England.
137901	*Julia S*	Toronto	.....	S'th Boston, Mass., U.S.A.	42 0	8 4	3 6	9	6	2 sc.	Alexander B. Gordon, Toronto, Ont.
126445	Julia V	Kenora	1908	Kenora, Ont.	56 0	12 0	4 0	42	22	2 sc.	Patrick Villeneuve, Kenora, Ont.
103580	Julian V. O'Brien	Collingwood	1888 1892	Buffalo, N.Y., U.S.A.	70 0	16 5	8 2	59	31	14 sc.	The Port Colborne Tug Co., Ltd., Port Colborne, Ont.
138131	[5]Julienne	Quebec	1914	South Bank on Tees, G.B.	202 0	39 1	15 4	956	790	36 sc.	Canadian Maritime Co., Ltd., Montreal, Que.
131216	Julius Wolff	Sydney, N.S.	1897	Lubec, Me., U.S.A.	60 5	13 7	6 6	35	18	9 sc.	Atlantic Dredging Co., Ltd., Louisburg, N.S.
122421	*Jumbo*	Halifax	1907	Mahone Bay, N.S.	35 0	8 6	3 7	6	4	1 sc.	William Roche, Roche's Wharf, Halifax, N.S.
90764	Juno	Goderich	1887	Goderich, Ont.	62 0	14 0	6 0	28	19	40 sc.	John B. Paine, Toronto, Ont.
90771	Juno	Toronto	1885	Wallaceburg, Ont.	139 7	26 8	8 8	288	196	170 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
103062	*Juno*	Yarmouth	1895	Yarmouth, N.S.	37 0	9 2	4 0	6	4	1 sc.	Mrs. Alice Johnson, Stanwoods Beach, N.S.
130297	Kaleden	Vancouver	1910	Okanagan Landing, B.C.	94 0	18 4	4 6	180	113	4 pa.	Canadian Pacific Railway Co., Montreal, Que.
137944	*Kalmor II*	Vancouver	1911	Vancouver, B.C.	42 0	9 3	4 6	15	10	2 sc.	Alfred W. LePage, Vancouver, B.C.
134472	*Kanawaki*	Montreal	1909	Penetanguishene, Ont.	34 9	7 5	2 4	4	3	2 sc.	John B. Stacey, Caughnawaga, Que.
140883	*Kano*	Vancouver	1918	Vancouver, B.C.	52 6	14 3	6 0	42	16	3 sc.	The Canadian Fishing Co., Ltd., Vancouver, B.C.
133875	*Karl F*	Vancouver	1913	Vancouver, B.C.	33 2	12 5	4 8	18	12	1 sc.	Albert Burns, Prince Rupert, B.C.
96999	Kaslo	Now Westminster	1892	Kootenay Lake, B.C.	62 0	13 5	6 0	51	35	13½ sc.	C. Sweeny, Vancouver, B.C.
112175	Kate	Toronto	1902	Toronto, Ont.	63 0	9 3	4 0	22	15	4 sc.	H. M. Mowat, Toronto, Ont.
137969	Katherine K	Montreal	1915	Montreal, Que.	58 4	18 4	5 9	58	23	6 sc.	Quinlan & Robertson, Ltd., Montreal, Que.
121912	Kathleen	Kenora	1906 1910	Kenora, Ont.	76 0	14 5	4 0	76	52	3 sc.	Albert Robertson and Russell E. Doucett, J.O., Kenora, Ont.
126031	Kathleen	Liverpool	1907	Liverpool, N.S.	75 1	16 4	7 1	63	38	16⅔ sc.	The Minister of Railwnys and Canals, Ottawa, Ont.
112235	Kathleen	St. John, N.B.	1903	St. John, N.B.	38 7	7 4	3 5	6	4	8 sc.	David McPherson, Lancaster, N.B.
126385	[3]*Kathleen D*	Quebec	1908	Isle aux Coudres, Que.	46 8	15 5	5 0	28	19	2 sc.	J. T. Donohue, Charles Donohue, Murray Bay, Que., and Sir R. Forget, Montreal, Que., J.O.
133883	*Kathleen III*	Vancouver	1913	Vancouver, B.C.	60 0	12 7	6 3	50	34	4 sc.	H. S. Hoffar and J. B. Hoffar, J. O., Vancouver, B.C.
103687	Katie	Toronto	1896	Jersey City, N.J., U.S.A.	30 0	6 7	2 8	4	3	— sc.	C. P. Chisholm, Oakville, Ont.
107786	Katie Bell	Ottawa	1898	Montreal, Que.	31 0	6 4	2 4	2	2	4 sc.	John R. McRae, Ottawa, Ont.
107871	Kawartha	Lindsay	1900	Bobcaygeon, Ont.	46 0	9 6	3 6	17	11	10 sc.	William Burgoyne, Fenelon Falls, Ont.
126794	*Kawasemi*	Vancouver	1910	Steveston, B.C.	39 0	8 8	4 5	11	8	2 sc.	Skeena River Fisheries, Ltd., Vancouver, B.C.

[1]Formerly "Resolute." [2]Formerly "W. J. Smith." [3]Formerly a sailing vessel. [4]Formerly "William A. Haskell." [5]Formerly, "Q.H.C. Grain Boat No 1."
[7]Foreign name "Planet."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gèrant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
130914	*Kawatna*	Vancouver	1912	North Vancouver, B.C.	54 2	13 9	5 4	27	18	2 sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
134459	Kawigamog	Toronto	1913	Loring, Ont.	69 0	14 7	3 9	85	52	8 sc.	Arthur Walton, Loring, Ont.
130224	Kaybee	Owen Sound	1914	Owen Sound, Ont.	30 9	9 0	6 6	10	6	1 sc.	John C. Keenan, Owen Sound, Ont.
126548	*Ka-Yez*	Vancouver	1909	Vancouver, B.C.	42 4	10 0	5 0	20	14	2 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
130265	Kealey	Ottawa	1907	River Desert, Que.	36 0	12 0	3 3	23	14	2 pa.	Gilmour & Hughson, Ltd., Ottawa, Ont.
126411	*Keego*	Toronto	1905	Toronto, Ont.	58 5	10 2	5 0	20	14	2 sc.	Temagami Steamboat & Hotel Co., Ltd., Temagami, Ont.
122414	[6]Keenan	Owen Sound	1907 1910	Midland, Ont. Owen Sound, Ont.	91 0	20 8	10 0	133	91	37½ sc.	Keenan Towing Co., Ltd., Owen Sound, Ont.
103680	Keenora	Toronto	1897	Kenora, Ont.	119 9	28 0	8 3	486	269	38 sc.	John F. Wallar, Winnipeg, Man.
107210	[7]Keewatin	Kenora	1899	Kenora, Ont.	69 0	16 5	6 2	82	50	13 sc.	Northern Construction Co., Ltd., Winnipeg, Man.
125985	Keewatin ⊙	Montreal	1907	Govan, G.B.	336 5	43 8	23 6	3,856	2,470	298 sc.	Canadian Pacific Railway Co., Montreal, Que.
121789	Kegabonga	Ottawa	1899	Kegabonga Lake, Que.	36 0	16 0	3 3	14	9	2 pa.	Gilmour & Hughson, Ltd., Ottawa, Ont.
134170	Keith Cann	Yarmouth	1917	Shelburne, N.S.	120 0	25 8	11 8	299	177	53 sc.	Hugh Cann & Son, Ltd., Yarmouth, N.S.
111780	Kelowna	Victoria	1902	Kelowna, B.C.	78 0	18 8	5 6	65	44	4 sc.	D. Lloyd-Jones, Kelowna, B.C.
130974	*Kenahquon*	Collingwood	1904	Toronto, Ont.	30 6	6 7	3 7	4	3	1 sc.	Alexander McIvor, Little Current, Ont.
107745	Kenirving	Kingston	1900	Smith's Falls, Ont.	104 4	20 8	6 7	145	70	25 sc.	Edward Smith, Storrington, Ont.
88329	Kenogami	Quebec	1886	Quebec, Que.	48 7	12 8	5 0	21	14	10 sc.	Evan J. Price, Quebec, Que.
92715	*Kenomee*	Truro	1914	Economy, N.S.	54 2	13 5	6 9	18	7	1 sc.	Jonathan B. Marsh, Economy, N.S.
124235	Kenora	Toronto	1907	Dumbarton, G.B.	249 9	42 6	20 5	1,955	1,275	161 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
103773	[8]Kenton	St. John, N.B.	1896 1910	Pictou, N.S. St. John, N.B.	59 6	14 8	6 1	46	31	14 sc.	James S. Gregory, St. John, N.B.
130637	*Keoonik*	St. John, N.B.	1909	St. John, N.B.	23 9	5 2	2 4	2	1	¼ sc.	James H. Barton, St. John, N.B.
122583	Keremeos	Yarmouth	1908	Yarmouth, N.S.	34 0	9 6	4 0	8	4	2 sc.	Geo. S. Lee, Halifax, N.S.
126172	*Kerland*	New Westminster	1907	New Westminster, B.C.	39 5	8 9	4 8	11	7	1 sc.	W. J. Kerr, Ltd., New Westminster, B.C.
137494	Kerry Range ⊙	Montreal	1916	Howden-on-Tyne, G.B.	400 0	52 0	27 4	5,856	3,798	535 sc.	Steam Navigation Co. of Canada, Ltd., Montreal, Que.
116332	Kestrel	Ottawa	1903	Vancouver, B.C.	126 0	24 0	12 2	311	188	59 sc.	Fanning Island Ltd, London England.
116379	Kestrel	Port Arthur	1904	Port Arthur, Ont.	36 5	9 5	4 0	13	9	5/6 sc.	E. C. Tripp, Cloud Bay, Ont.
111564	Kestrel	Toronto	1900	Toronto, Ont.	38 0	8 0	3 5	7	5	3 sc.	Mrs. Mary Schell Gravenhurst, Ont.
130278	*Kewanee*	Winnipeg	1912	Selkirk, Man.	53 0	10 9	5 0	26	18	4 sc.	Ernest E. McLasky, Winnipeg, Man.
138052	*Kewpie*	Chatham, N.B.	1916	Lamek, N.B.	41 0	11 7	4 6	13	11	1 sc.	Geo. D. LeRiche, Lamek, N.B.
131111	Keybell	Montreal	1912	Collingwood, Ont.	258 0	42 6	17 2	1,730	1,254	95½ sc.	The Keystone Transportation Company of Canada, Ltd., Montreal, Que.
131036	*Kid*	Victoria		U.S.A.	28 8	9 0	3 7	9	8	½ sc.	Harold D. Payne, Saturna, Is., B.C.
133868	*Kikapoo*	Vancouver	1913	Vancouver, B.C.	30 5	12 2	4 5	10	7	1 sc.	William H. Taylor, Vancouver, B.C.
134291	*Kiku*	New Westminster	1914	Steveston, B.C.	35 0	9 0	4 2	10	7	1 sc.	Iwakichi Isozaki, Steveston, B.C.

100016	Kilbirnie	Brockville	1887	Alexandra Bay, N. Y., U.S.A.	45	0	7	0	3	7	15	10	10 sc...	R. J. Brodie, Smith's Falls, Ont.
138162	Kildala	Vancouver	1916	Vancouver, B.C.	58	9	14	3	6	3	44	30	10 sc...	Kildala Packing Company, Ltd., Vancouver, B.C.
100409	Kildare	Hamilton	1901	Hamilton, Ont.	32	0	7	5	3	6	5	4	⅔ sc...	William Lafarelle, Hamilton, Ont.
96988	Kildonan	Vancouver	1891	Victoria, B.C.	68	3	14	2	6	9	51	32	1¼ sc...	Evans, Coleman & Evans, Ltd., Vancouver, B.C.
133890	*Kilkair*	Vancouver	1913	Vancouver, B.C.	52	4	12	2	5	5	47	40	2 sc...	Hiram E. Dusenbury, Vancouver, B.C.
97114	Killarney Belle	Collingwood	1892	Collingwood, Ont.	52	0	12	0	5	6	28	19	3 sc...	The Manitoulin Ranch & Lumber Co., Ltd., Walkerville, Ont.
134106	*Kiltik*	Vancouver	1914	Namu, B.C.	56	7	14	6	7	2	41	28	3 sc...	Northern B.C. Fisheries, Ltd., Vancouver, B.C.
138480	Kimble	Parrsboro	1914	Port Greville, N.S.	43	0	11	0	4	0	13	5	6 sc...	T. N. Elderkin, Port Greville, N.S.
131145	*Kimsquit*	Vancouver	1912	Namu, B.C.	43	9	10	2	4	5	15	10	5 sc...	Northern B.C. Fisheries, Ltd., Vancouver, B.C.
126828	Kinburn	Lunenburg	1910	Mahone Bay, N.S.	104	2	24	6	10	5	168	79	28⅛ sc...	The North Bay Steamship Co., Ltd. Port Hood, N.S.
140985	*Kindkawa*	New Westminster	1918	Steveston, B.C.	36	5	8	2	3	8	9	6	1 sc...	Nabukichi Takai and Terashita Kusuichi, Steveston, B.C.
134207	[11]King Albert	Charlottetown	1901	Nova Scotia	53	0	13	5	5	0	23	16	10 sc...	Pascal C. Gallant, Summerside, P.E.I.
116213	King Bird	Quebec	1898	Sorel, Que.	34	8	6	0	3	0	5	4	1 sc...	Chas. Pagé, Three Rivers, Que.
103818	King Edward	Belleville	1907	Trenton, Ont.	50	5	9	9	5	1	24	16	2 sc...	Mrs. Emma J. Darling, Callander, Ont.
138663	*King Phillip*	Barrington Passage	1918	Clarks Harbour, N.S.	37	4	10	4	4	8	14	12	⅛ sc...	Stanley E. O'Brien, Clarks Harbour, N.S
134083	*Kingcoe*	Vancouver	1914	Vancouver, B.C.	38	0	10	4	4	5	18	12	1 sc...	Kingcome Navigation Co., Ltd., Vancouver, B.C.
138168	Kingcome No. 1	Vancouver	1916	Vancouver, B.C.	37	0	11	2	5	2	18	13	1 sc...	Preston Packing Company, Ltd., Vancouver, B.C.
133880	[9]*Kingcome*	Vancouver	1909	Tacoma, Wash., U.S.A.	36	7	11	4	4	3	15	10	2 sc...	Tommy Nakatuka, Claxton, B.C.
116985	Kingfisher	Kenora	1904	Kenora, Ont.	65	0	14	1	10	0	77	52	19 sc...	Rat Portage Lumber Co., Ltd., St. Boniface, Man.
111654	Kingston ⊙	Toronto	1901	Toronto, Ont.	288	0	36	2	13	3	2,925	1,909	273 pa..	The Canada Steamship Lines, Ltd., Montreal, Que.
94760	Kingston	St. John, N.B.	1889	Rothesay, N.B.	47	5	14	2	7	5	37	25	40 sc...	John E. Sewell, Gibson, N.B.
122938	Kingsway	Vancouver	1906	Lytham, Eng.	125	9	22	1	11	6	247	100	55 sc...	The Canadian Fishing Co., Ltd., Vancouver, B.C.
137943	*Kinji*	Vancouver	1915	Eburne, B.C.	37	6	9	5	4	6	13	9	2 sc...	Yoichi Minamimaye, Eburne, B.C.
121973	*Kiora*	Victoria	1906	Victoria, B.C.	37	0	10	7	4	3	12	9	1 sc...	Chief Commissioner of Lands, Victoria, B.C.
138172	*Kipling*	Prince Rupert	1904	Seattle, Wash., U.S.A.	58	5	8	6	4	9	16	11	3 sc...	The Granby Consolidated Mining, Smelting & Power Company, Ltd., Vancouver, B.C.
107664	Kiskisink	Quebec	1899	Island of Orleans, Que.	26	6	6	6	3	4	3	3	1 sc...	Nazaire Simoneau, Lake Kiskisink, Que.
83159	Kismet	Belleville	1894	Belleville, Ont.	36	4	7	2	3	0	5	4	10 sc...	E. B. Burrell, Belleville, Ont.
138608	*Kitaka*	New Westminster	1917	Steveston, B.C.	52	0	13	2	5	2	30	20	4 sc...	Chonosuke Teranishi, Steveston, B.C.
130299	*Kitaro*	Vancouver	1910	Vancouver, B.C.	45	0	9	0	3	9	14	10	1½ sc...	Otonogio Higashide, Nanaimo, B.C.
141012	*Kitgora*	Vancouver	1918	Vancouver, B.C.	52	6	14	2	6	0	41	16	3 sc...	The Canadian Fishing Co., Ltd., Vancouver, B.C.
126206	*Kitimac*	Vancouver	1908	Vancouver, B.C.	43	0	9	3	4	8	18	12	1 sc...	Archibald MacGillis, Vancouver, B.C.
126617	*Kitkatka*	Prince Rupert	1911	Hartley Bay, B.C.	30	5	9	0	3	1	7	5	¾ sc...	Peter Bates, M.O., Hartley Bay, B.C.
126736	[2]*Kitlup*	Vancouver	1910	North Vancouver, B.C.	56	1	13	0	5	8	34	18	4½ sc...	Western Packers, Ltd., Vancouver, B.C.
116240	*Kittic*	Weymouth	1891	U.S.A.	27	0	10	4	3	5	5	5	¼ sc...	Warren S. Lent, Weymouth, N.S.
126424	[1]*Kittimouse*	Vancouver	1909	Vancouver, B.C.	21	7	9	4	3	2	3	2	1 sc...	John William Pitney, Victoria, B.C.
134352	*Kittiwake*	Montreal	1911	Camden, N.J., U.S.A.	48	0	11	3	7	0	23	16	2 sc...	Peers Davidson, Montreal, Que.
134297	*Kitty S*	New Westminster	1914	Fort Langley, B.C.	32	0	8	0	4	2	8	5	1 sc...	George E. Sellers, Port Langley, B.C.
133844	*Kitwanga*	Vancouver	1913	Vancouver, B.C.	44	0	12	0	4	6	17	11	2 sc...	The Packers Steamship Co., Ltd., Vancouver, B.C.
126202	*Klahum*	Vancouver	1907	Vancouver, B.C.	31	5	9	0	3	6	11	7	1 sc...	Edwin D. Taylor, Vancouver, B.C.
130915	*Klatawa*	Vancouver	1912	North Vancouver, B.C.	63	9	14	4	6	5	43	29	5 sc...	The Packers Steamship Co., Ltd., Vancouver, B.C.
116257	Klein	Toronto	1903	Toronto, Ont.	39	0	10	0	5	0	15	10	3 sc...	Mrs. Elizabeth, A. Knowles, Toronto, Ont.
103928	Klondike	Peterborough	1898	Peterborough, Ont.	25	0	5	0	3	0	2	1	2 sc...	E. W. Jenkins, Magnetawan, Ont.
126942	Kluhane	Victoria	1910	Victoria, B.C.	55	0	13	3	2	5	19	7	1 pa..	Isaac Taylor and Wm. S. Drury, J.O., White Horse, Y.T.
126076	*Knight*	Vancouver	1908	Vancouver, B.C.	44	5	12	0	5	7	21	14	2 sc...	H. Bell-Irving & Co., Ltd., Vancouver, B.C.
130451	*Knym*	Victoria	1911	Vancouver, B.C.	35	0	8	0	3	8	9	7	½ sc...	Charles F. Todd, Victoria, B.C.
126204	*Kobe*	Vancouver	1908	Steveston, B.C.	41	0	10	0	4	1	15	10	1½ sc..	P. A. Jones and S. B. Simpson, J.O., New Westminster, B.C.
138522	*Koeye*	Vancouver	1916	New Westminster, B.C.	52	6	13	2	6	0	31	21	4 sc...	Northern B.C. Fisheries, Ltd., Vancouver, B.C.
103305	Kokanee	New Westminster	1896	Nelson, B.C.	142	5	24	8	5	7	348	165	19 pa..	Canadian Pacific Railway Co., Montreal, Que.
126893	*Konomic*	Vancouver	1910	Vancouver, B.C.	57	0	12	6	6	0	33	22	2 sc...	Frederick T. Schooley, Vancouver, B.C.
103164	Kootenay	Vancouver	1897	Nakusp, B.C.	183	5	32	6	6	2	1,117	732	21 pa..	Canadian Pacific Railway Co., Montreal, Que.
91901	[3]Korona	Montreal	1886	Govan, G.B.	344	0	40	2	26	5	2,874	1,871	600 sc...	Canada Steamship Lines, Ltd., Montreal, Que.
138483	*Koto*	New Westminster	1916	Steveston, B.C.	28	6	7	2	3	6	5	4	½ sc...	Shikamatie Iwasaki, Steveston, B.C.
138672	*Koyusu II*	Prince Rupert	1917	Inverness, B.C.	32	6	9	0	4	0	9	6	1 sc...	Thomas H. Johnson, Prince Rupert, B.C.
126328	*Kuiu*	Vancouver	1907	Vancouver, B.C.	23	4	6	0	2	6	4	2	½ sc...	Henri E. Forrer, Vancouver, B.C.
134646	*Kulleet*	Victoria	1916	Galiano, Is., B.C.	42	4	8	8	5	3	14	8	1 sc...	[4]Dalton J. Hill, Galiano Is., B.C.

[1]Formerly sailing vessel. [2]Formerly "Rosina K." [3]Formerly "Monmouthshire." [6]Formerly "Winnanna", a recovered wreck. [7]Formerly "Maple Leaf."
[8]Formerly "Frederick A." [9]Foreign name "Duchess." [11]Formerly "Ostrea."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
134274	*Kulpaulos*	Victoria	1913	Cowichan Bay, B.C.	31 2	8 6	4 8	10	6	1 sc.	Northern B.C. Fisheries, Ltd., Vancouver, B.C.
134643	*Kurp*	Victoria	1914	Nanaimo, B.C.	42 2	9 6	3 8	14	9	1 sc.	Albert Bramberg, Nanaimo, B.C.
121758	Kuskanook	Vancouver	1906	Nelson, B.C.	193 5	30 9	7 0	1,008	548	32 pa.	Canadian Pacific Ry., Co., Montreal, Que.
130318	Kwasind	Toronto	1912	Toronto, Ont.	71 0	15 0	5 7	47	32	8 sc.	The Royal Canadian Yacht Club, Toronto, Ont.
126884	*Kyac*	Vancouver	1910	North Vancouver, B.C.	55 0	13 3	6 2	29	20	3 sc.	Packer's Steamship Co., Ltd., Vancouver, B.C.
138164	Kynoch	Vancouver	1916	Steveston, B.C.	45 3	14 6	5 7	30	21	2 sc.	Gosse-Millard Packing Company, Ltd., Vancouver, B.C.
130699	[9]*Kyrielle*	Vancouver	1893	Port Blakely, Wash., U.S.A.	38 2	12 9	6 1	11	10	½ sc.	F. G. T. Lucas, Vancouver, B.C.
134566	L. A. D.	New Westminster	1914	Steveston, B.C.	42 0	10 4	4 2	16	11	2 sc.	The Preston Packing Co., Ltd., Vancouver, B.C.
126510	L. C. L. V.	Victoria	1909	Victoria, B.C.	27 6	8 8	3 8	9	6	2½ sc.	Mrs. F. L. Smith, Victoria, B.C.
141020	*L. H. R.*	Vancouver	1917	Roberts Creek, B.C.	30 0	8 5	3 4	7	4	½ sc.	Louis H. Roberts, Roberts Creek, B.C.
131130	L. O. B. Co.	Ottawa	1912	Duck Island, Ont.	42 6	9 7	5 2	19	11	2½ sc.	The Lower Ottawa Boom Co., Ltd., Ottawa, Ont.
126453	L. Paul	Sorel	1909	Sorel, Que.	55 2	14 0	7 2	23	16	1 sc.	Alphonse Desrochers, Sorel, Que.
126860	L. Robidoux	Montreal	1912 1914	Yamaska, Que.	68 0	14 8	6 0	62	29	24 sc.	Robidoux Sand Company, Ltd., West Montreal, Que.
107382	L'Ami	Ottawa	1898	Ottawa, Ont.	36 0	6 2	2 4	2	2	4 sc.	E. Chateauvert, *et al.*, Ottawa, Ont.
92770	L'Ami	Quebec	1890	Lévis, Que.	38 0	10 7	4 4	16	8	20 sc.	A. Bernier, Levis, Que.
138795	*L'Etoile du Nord*	Quebec	1913	Bic, Que.	37 0	13 5	4 2	16	6	4 sc.	Mrs. N. T. Turgeon, Beauceville, Que.
130931	L'Orignal Bay	Montreal	1912	L'Orignal, Ont.	54 2	13 5	5 1	33	16	4 sc.	Abitibi Power & Pulp Co., Ltd., Montreal, Que.
130748	*La Boheme*	Vancouver		U.S.A.	35 0	9 0	4 6	11	8	2 sc.	Frederick G. Aldous, Victoria, B.C.
82778	[10]La Canadienne	Ottawa	1880	Port Glasgow, G.B.	154 3	22 7	10 9	372	227	60 sc.	The Atlantic Towing Co., Ltd., Halifax, N.S.
88616	[11]*La Have Packet*	Lunenburg	1884 1904	Mahone Bay, N.S.	72 0	21 4	8 8	73	68	1 sc.	Robt. J. MacDonald, Winnipeg, Man
131013	*La Jeannette*	Quebec	1910	Chicoutimi, Que.	28 8	9 6	2 7	12	8	¾ sc.	Alfred Girard, St. Fulgence, Que.
J0884	La Tour	Yarmouth	1888	Yarmouth, N.S.	97 3	20 7	7 8	154	99	30 sc.	Hugh Cann & Son, Ltd., Yarmouth, N.S.
133901	Lac St. Pierre	Sorel	1901	Sorel, Que.	90 0	22 3	8 5	159	57	48 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
131125	Lachine	Ottawa	1912	Montreal, Que.	40 0	13 8	6 4	26	15	16½ sc.	The Minister of Railways and Canals, Ottawa, Ont.
133856	*Ladner*	Vancouver	1913	Steveston, B.C.	33 2	9 4	4 2	11	7	1 sc.	Mrs. R. M. Maitland, Vancouver, B.C.
134308	*Ladner Boy*	New Westminster	1912	Port Guichon, B.C.	30 0	8 0	3 0	5	4	½ sc.	John Steffich, Port Guichon, B.C.
131122	Lady Auto	Ottawa	1909	Hull, Que.	50 2	10 1	4 6	17	12	6 sc.	Nelson Paquette, Rockland, Ont.
121767	*Lady Clare*	Vancouver	1906	Vancouver, B.C.	27 0	6 0	2 1	1	1	½ sc.	Alfred M. Clare, Vancouver, B.C.
109680	[12]Lady Evelyn ⊙	Quebec	1901	Tranmere, G.B.	189 0	26 1	9 5	483	192	150 sc.	The Postmaster General, Ottawa, Ont.
111913	Lady Franklin	Toronto	1901	Sparrow Lake, Ont.	36 0	7 6	2 8	5	4	1 sc.	Thos. Stanton, Sparrow, Lake, Ont.
130484	*Lady Fraser*	New Westminster	1910	Rosedale, B.C.	35 2	9 0	1 2	12	8	1½ sc.	Luke Gibson, Hope, B.C.
122014	Lady Grey ⊙	Ottawa	1906	Barrow, G.B.	172 0	32 2	15 9	733	294	353 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
130802	Lady Lake	Vancouver	1896	Ballard, Wash., U.S.A.	58 2	15 0	6 7	56	38	16 sc.	Charles E. Strong, Vancouver, B.C.

112399	Lady Laurier ⊙	Ottawa	1902	Paisley, G.B.	214 9	34 2	17 2	1,051	439	186 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
107498	Lady Laurier	Quebec	1898	Quebec, Que.	22 0	5 5	2 5	2	2	2½ sc.	P. Rousseau, Quebec, Que.
138621	*Lady Mackworth*	Winnipeg	1916	Peace River, Alta.	56 9	11 0	3 7	21	14	7 sc.	Peace River Development Corporation, Ltd., Vancouver, B.C.
134203	*Lady May 3rd*	Charlottetown	1917	Belle River, P. E. I.	59 8	16 2	6 3	40	33	1½ sc.	Tinley J. G. McDougall, Belle River, P.E.I.
116641	Lady Minto	Ottawa	1903	Temiscamingue, Que.	141 0	41 6	8 0	403	254	42 pa.	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
130904	[1]*Lady Nymph*	Vancouver		U.S.A.	34 2	11 7	5 0	14	9	1 sc.	John Cowdry, Vancouver, B.C.
100760	[2]Lady Smith	Toronto	1893	Barrie, Ont.	40 0	7 0	2 7	6	4	1 sc.	Charles C. Pilkey, Orillia, Ont.
126426	*Lady Van*	Vancouver	1909	Vancouver, B.C.	33 0	9 5	4 6	10	7	1½ sc.	John R. Payne, Vancouver, B.C.
78554	[3]Lady of Gaspe	Quebec	1877	Port Glasgow, G.B.	229 7	31 0	16 1	1,237	774	180 sc.	Nova Scotia Steamships, Ltd., Halifax, N.S.
112140	Lady of the Lake	Kingston	1902	Kingston, Ont.	41 8	8 0	3 6	7	4	3 sc.	Chas. J. Gibson, Toronto, Ont.
100289	Lady of the Lake	Peterborough	1897	Bridgenorth, Ont.	60 0	10 5	3 6	33	19	25 sc.	W. B. Kelly, Bridgenorth, Ont.
103661	Lady of the Lake	Winnipeg	1897	Selkirk, Man.	105 0	18 5	8 9	201	155	13 sc.	Charles H. Sinclair, Selkirk, Man.
111975	Laird MacAulay	Southampton	1907	Wallaceburg, Ont.	74 0	17 0	7 8	88	60	13½ sc.	Donald McAulay, Southampton, Ont.
116258	Lake	Toronto	1901	Kingston, Ont.	40 0	11 4	5 6	13	5	10 sc.	The Randolph Macdonald Co., Ltd., Toronto, Ont.
134424	*Lake Biwa*	Vancouver	1915	Steveston, B.C.	42 4	9 2	4 9	14	10	2 sc.	Sotaro Isogai, Vancouver, B.C.
134084	*Lake Buntzen*	Vancouver	1914	Vancouver, B.C.	44 2	12 2	4 9	23	15	2 sc.	Harbour Shipping Co., Ltd., Vancouver, B.C.
88537	Lake Michigan	Hamilton	1872	St. Catharines, Ont.	136 0	23 9	11 5	402	157	80 sc.	Point Anne Quarries, Ltd., Toronto, Ont.
116757	Lakefield	Toronto	1904	Sparrow Lake, Ont.	63 0	14 0	5 0	33	22	2 sc.	Frank Stanton and A. F. Stanton, Sparrow Lake, Muskoka, Ont., J.O.
90778	Lakeside	Windsor, Ont.	1888	Windsor, Ont.	121 0	26 0	9 3	348	220	200 sc.	M. J. Hogan, Port Colborne, Ont.
137906	[8]Laketon ⊙	Toronto	1903	Cleveland, O.U.S.A.	416 0	50 0	24 0	4,423	3,248	151 sc.	Mathews Steamship Co., Ltd., Toronto, Ont.
126409	Lambton	Ottawa	1909	Sorel, Que.	108 0	25 1	12 7	323	182	89 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
103878	[4]Lamonde	Kingston	1872 1901 1911	Hammondsport, N.Y. Cornwall, Ont. Kingston, Ont.	81 0	15 5	4 3	86	57	5 sc.	T. N. Martin, Glenora, Ont., Samuel J. Collier, Picton, Ont and Jno. N. Palmateer, Cherry Valley, Ont.
133985	*Lan Gara*	New Westminster	1913	New Westminster, B.C.	58 0	13 0	4 5	27	18	4 sc.	The British Columbia Sulphite Co., Ltd., Vancouver, B.C.
134519	[5]Landbo	Sarnia	1890	West Bay City, Mich. U.S.A.	280 0	41 0	23 0	2,292	1,656	159 sc.	Landbo Transportation Co., Ltd., Sarnia, Ont.
134462	*Langemarck*	Halifax	1915	Mahone Bay, N.S.	44 2	11 8	7 2	19	16	3 sc.	James W. Harrison, Halifax, N.S..
126858	Lanoraie	Sorel	1901	Sorel, Que.	78 5	18 2	7 4	90	31	17½ sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
90604	Lansdowne	Ottawa	1884	Maccan, N.S.	188 6	32 1	15 8	680	463	80 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
88629	Lansdowne	Windsor, Ont.	1884	Wyandotte, Mich., U.S.A.	294 0	41 3	13 0	1,571	908	1,000 pa.	Grand Trunk Railway Co., Montreal, Que.
134356	[6]*Laprairie V*	Montreal	1910	Caughnawaga, Que.	21 8	5 9	2 4	2	1	½ sc.	Henri Guerin, Laprairie, Que.
103891	Lardeau	New Westminster	1896	Lardeau, B.C.	42 2	8 8	4 6	10	7	1 sc.	Fred Robertson Lumber Co., Ltd., Revelstoke, B.C.
137961	*Laronde I*	Montreal	1910	Dorval, Que.	39 3	5 3	2 6	4	3	1 sc.	Emile Laronde, Caughnawaga, Que.
134450	Lasalle	Toronto	1914	Toronto, Ont.	85 0	15 0	8 8	85	33	16 sc.	John E. Russell, Toronto, Ont.
140912	*Lasqueti Chief*	Vancouver	1918	False Bay, B.C.	35 3	9 5	4 6	11	8	1 sc.	William J. Gillis, False Bay, B.C.
117092	[6]*Lass of Gowrie*	Arichat	1905	Cape George, N.S.	39 3	12 5	5 7	16	16	¾ sc.	Amie Landry, Petite de Grat, N.S.
112225	Latona	St. John, N.B.	1902 1910	St. Mary's, N.B.	53 9	12 9	5 1	29	20	12 sc.	The St. John River Log Driving Co., Ltd., Fredericton, N.B.
85531	Laura	Chatham, N.B.	1883	Yarmouth, N.S.	53 3	10 5	4 9	14	8	12 sc.	John C. Miller, Derby, N.B.
116989	Laura A	Kenora	1905	Fort Frances, Ont.	44 5	9 5	4 0	26	17	6 sc.	G. C. Allan, Fort Frances, Ont.
117130	*Laura B*	Kingston	1906	Gananoque, Ont.	23 4	5 4	2 2	2	1	¾ sc.	George A. Whitmarsh, Gananoque, Ont.
107171	Laura Grace	Port Arthur	1901	Collingwood, Ont.	76 0	16 6	11 0	86	58	31 sc.	Montreal Transportation Co., Ltd., Montreal, Que.
116247	Laura Hickler	Sault Ste. Marie	1883	Buffalo, N.Y., U.S.A.	46 9	9 8	4 8	13	9	2 sc.	Angus Booth and Alfred Young, J.O., Thessalon, Ont.
94768	Laura M.	Owen Sound	1894	Meaford, Ont.	44 0	10 3	4 6	18	12	25 sc.	A. Legault, Rossport, Ont.
126819	*Laura M. Levy*	Lunenburg	1909	Tancook, N.S.	40 2	10 6	5 6	12	11	¾ sc.	Mrs. Bessie Marshall, Rustico, P.E.I.
107878	Laura Mc	Lindsay	1900	Lindsay, Ont.	26 0	6 2	2 6	2	2	5 sc.	Thomas McConnell, Lindsay, Ont.
130916	*Laurel Leaf*	Vancouver	1912	Vancouver, B.C.	56 0	14 0	4 6	25	17	4 sc.	H. Bell Irving & Co., Ltd., Vancouver, B.C.
138367	*Laurel Whalen*	Vancouver	1917	Victoria, B.C.	240 5	43 9	19 0	1,357	1,049	36 sc.	Canada West Coast Navigation Co., Ltd., Vancouver, B.C.
113641	[7]Laureatian ⊙	Quebec	1902	Beverley, G.B.	149 0	24 0	11 1	355	155	84 sc.	The Minister of Marine & Fisheries, Ottawa, Ont.
133839	Laurentide No. 3	Montreal	1893 1911	Sorel, Que. Grandes Piles, Que.	47 4	12 2	4 1	24	14	4 sc.	Laurentide Co., Ltd., Montreal, Que.
130518	*Lauret C*	Weymouth	1916	Comeauville, N.S.	47 6	10 9	5 5	13	11	1 sc.	Wm. L. Comeau, Comeauville, N.S.
138359	*Laurien*	Vancouver	1910	Vancouver, B.C.	33 5	9 0	3 4	7	5	1 sc.	Joseph C. Soucy, Vancouver, B.C.
126843	Lauzon	Quebec	1910	Lauzon, Que.	133 3	34 9	11 0	419	281	32 sc.	Levis Ferry Ltd., Levis, Que.
134499	Laval	Quebec	1914	Middlesborough, G.B.	120 0	26 0	13 2	287	124	159 sc.	War Office, London, Eng.

[1]Foreign name "Nymph." [2]Formerly "Gertrude S." [3]Formerly "Restigouche" and "Rathlin." [4]Formerly "Stranger." [5]Foreign name " Nyanza." [6]Formerly a sailing vessel. [7]Formerly " King Edward." [8]Foreign name "Saxona" a recovered wreck. [9]Foreign name "Kelpie." [10]Formerly "Foxhound." [11]Formerly a sailing vessel and "Mahone Bay Packet," and "Zaza." [12]Formerly "Deerhound."

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131102	*Laval Ferry*	Montreal	1912	Montreal, Que	33 8	10 0	3 2	9	6	1 sc.	Georges Harvey, Montreal, Que.
134355	*Laval No. 1*	Montreal	1914	Montreal, Que	38 2	7 2	3 1	5	4	1 sc.	Georges Harvey, Montreal, Que.
134154	*Laval No. 2*	Montreal	1913	Montreal, Que	32 0	6 0	2 4	3	2	1 sc.	Joseph E. Morin, Montreal, Que.
130473	*Lavina B*	Lunenburg	1910	Tancook, N.S.	41 2	10 3	5 9	12	11	½ sc.	Austin C. Nickerson, Yarmouth, N.S.
133906	Laviolette	Sorel	1912	Sorel, Que	84 2	21 7	10 8	213	82	40 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
130549	*Lavita*	Vancouver	1908	Seattle, Wash., U.S.A.	37 0	11 7	7 2	11	8	⅛ sc.	Wilfred Tickle, North Vancouver, B.C.
133837	*Lawbridge*	Montreal	1913	North Hatley, Que.	45 6	10 9	5 2	18	10	4 sc.	Cornwall Terminal Co., Ltd., Montreal, Que.
130360	*Lawrence B*	Arichat	1915	Louisdale, N.S.	29 6	9 6	4 8	11	10	½ sc.	Lawrence B. Sampson, Louisdale, N.S.
103356	Le Brochu	Quebec	1891	Cedar Hall, Que.	51 5	11 7	6 0	19	13	23 sc.	R. M. Blais, Cedar Hall, Que.
103147	Le Colon	Quebec	1891	Roberval, Que.	78 8	23 8	4 4	173	109	11 pa.	Quebec Development Co., Ltd., Montreal, Que.
126158	Le Flottant	Montreal	1908	Bout de l'Isle, Que.	49 4	10 3	6 7	22	15	1 sc.	Amede Archambault, Bout de l'Isle, Que.
138064	Le Pas	Ottawa	1916	Fort Coulonge, Que.	44 4	18 0	2 4	17	11	1 pa.	Theophile Vaillancourt, Fort Coulonge, Que.
138414	Le Pas	Winnipeg	1914	Selkirk, Man.	50 0	11 5	4 6	23	16	2 sc.	The Minister of Public Works, Ottawa, Ont.
134138	Le Progress	Quebec	1914	Lauzon, Que.	126 5	34 2	11 0	465	242	37 sc.	La Corporation de la Cité des Trois Rivières, Que.
116226	Le Roberval	Quebec	1902	Roberval, Que.	85 8	22 5	4 4	126	71	10 pa.	La Banque Nationale, Quebec, Que.
117112	Le Roi	Vancouver	1905	Vancouver, B.C.	108 3	21 6	12 0	196	133	51 sc.	T. J. Kickham, Vancouver, B.C.
116320	Le Roy Brooks	Amherstburg	1891	Toledo, Ohio, U.S.A.	71 3	15 2	8 1	61	42	19 sc.	John S. McQueen, Amherstburg, Ont.
103141	Lea	Quebec	1893	Three Rivers, Que.	42 6	9 8	3 4	12	8	2 sc.	J. Arel, Three Rivers, Que.
100882	Leader	St. John, N.B.	1894	St. John, N.B.	56 6	13 0	6 0	29	20	5 sc.	The New Brunswick Construction Co., Ltd., Wellsford, N.B.
100926	Leclair	Ottawa	1885	Ottawa, Ont.	16 8	5 6	2 2	1	1	1 sc.	F. Leclair, Ottawa, Ont.
100049	Lee	Brockville	1897	Kingston, Ont.	46 0	9 3	4 1	9	7	4 sc.	J. McGraw, Brockville, Ont.
122394	Leebro	Victoria	1908	Victoria, B.C.	123 5	28 8	11 1	323	198	22 sc.	Crescent Shipping Co., Ltd., Victoria, B.C.
133927	*Lefebvre*	Chatham, N.B.	1913	Lamek, N.B.	35 0	11 0	5 0	13	11	1 sc.	Sebastien Savoy, Ste. Marie, Shippigan Island, N.B.
133764	*Legal Limit*	Victoria	1913	Victoria, B.C.	30 0	4 5	2 2	2	1	1 sc.	Frank Masters, Victoria, B.C.
112333	Leighton McCarthy	Collingwood	1904	Collingwood, Ont.	63 0	13 6	6 6	36	25	10 sc.	Thomas Drever and Stewart Drever, Collingwood, Ont.
121977	*Leila*	Victoria	1906	Vancouver, B.C.	36 0	9 0	3 6	10	5	¾ sc.	Frank C. Stratford and Thomas W. Allan, Victoria, B.C.
133770	*Leila R*	Victoria	1913	Victoria, B.C.	49 3	11 5	6 5	22	12	2 sc.	The Minister of Lands, Victoria, B.C.
122599	*Lelia and Frances*	St. Andrews	1909	Lubec, Me., U.S.A.	40 1	12 2	4 8	14	12	1 sc.	Judson L. Guptill, Grand Harbour, Grand Manan, N.B.
107842	Lena	Simcoe	1898	St. Williams, Ont.	45 0	11 5	5 3	14	8	19 sc.	Edward W. Moss and Allan Ross, J. O., Tp. of Dunn, Ont.
122079	*Lena*	Toronto	1906	Hamilton, Ont.	25 5	6 2	2 7	3	2	1 sc.	Henry Louis Bastien, Hamilton, Ont.
134653	*Lena F*	Victoria	1911	Tacoma, Wash., U.S.A.	50 3	15 0	5 8	34	17	4 sc.	British Columbia and Labrador Fisheries, Ltd., Victoria, B.C
126861	Lena Jackson	Sault Ste. Marie	1907	Lake Penage, Ont.	62 0	15 0	5 8	47	32	4 sc.	The Victoria Harbour Lumber Co., Ltd., Toronto, Ont.
126070	*Lena Mac*	Charlottetown	1910	Portage, Lot 36, P.E.I.	33 5	12 2	5 4	12	11	1 sc.	J. A. McDougall, Kingston, P.E.I.
122342	Lena May	Toronto	1906	Penetanguishene, Ont.	35 0	7 6	3 8	7	4	½ sc.	The Upper Ontario Steamboat Co., Ltd., New Liskeard, Ont..
134029	Lena Noel	Victoria	1911	Seaton Lake, B.C.	51 3	12 0	3 0	18	12	1 sc.	Ernest W. Cox, and Wilfrid R. Bellamy, J. O., Seaton Lake, B.C.

137991	*Lena S.*	Arichat	1912	Petit de Grat, N.S.	31 6	9 8	4 6	11	11	½ sc.	A. N. Comeau and John H. Balcom, J.O., Petit de Grat, N.S.
88453	Lennox	Arichat	1887	Dartmouth, N.S.	61 0	17 8	7 5	66	42	30 pa.	John Murchison, Grand River, N.S.
112278	Lenora	Montreal	1900	Seven Islands, Que.	38 0	8 3	4 0	8	6	7 sc.	The Seven Islands Company, Montreal, Que.
103707	Lenore	Halifax	1897	Yarmouth, N.S.	44 0	11 0	5 0	15	5	10 sc.	W. F. B. Smith, Hampstead, Middlesex, Eng.
90816	Lenore	Port Hope	1887	Cobourg, Ont.	39 0	7 3	3 5	6	4	9 sc.	H. Dennis, Cobourg, Ont.
138349	*Lens*	Halifax	1917	Mahone Bay, N.S.	61 0	13 4	6 4	28	24	2 sc.	James W. Harrison, Halifax, N.S.
107893	Leo	Montreal	1896	Montreal, Que.	34 9	7 4	3 0	2	1	1 sc.	John A. Cooke, Grenville, Que.
130973	[3]*Leo D.*	Collingwood	1907	Wyandotte, Mich., U.S.A.	26 8	6 3	3 0	3	2	½ sc.	Charles A. Dillane, Little Current, Ont.
138112	*Leo S.*	New Westminster	1914	Steveston, B.C.	29 0	6 7	3 1	4	3	¼ sc.	Louis True, Steveston, B.C.
126176	*Leola*	New Westminster	1908	New Westminster, B.C.	24 8	6 6	2 7	3	2	1¼ sc.	Herbert Rushton, New Westminster, B.C.
100928	Leon	Ottawa	1893	High Falls, Que.	44 7	10 3	3 6	15	12	10 sc.	L. Cyr, High Falls, Que.
138088	Leonard	Quebec	1914	Birkenhead, G.B.	313 0	65 1	20 9	3,365	1,491	318 sc.	The Minister of Railways and Canals, Ottawa, Ont.
130759	*Leonard M.*	Vancouver	1911	Vancouver, B.C.	44 0	9 8	4 1	14	9	2 sc.	Clarence Musclow, North Vancouver, B.C.
107738	Leone	Kingston	1899	Rockport, Ont.	37 4	7 0	2 9	4	3	6 sc.	Frederick Huck, Rockport, Ont.
131170	[1]*Leone G.*	Lunenburg	1905	Lunenburg, N.S.	40 6	10 5	5 6	12	11	⅔ sc.	Alexander Greek, M.O., Blue Rocks, N.S.
133675	*Leone V.*	Halifax	1914	Sambro, N.S.	34 5	11 6	4 8	12	11	¾ sc.	John J. Smith, Sambro, N.S.
122595	[4]*Leonice*	Halifax	1856	Gloucester ,Mass, U.S.A.	56 0	17 3	6 2	27	24	⅔ sc.	Isaac Bowser, Ostrea Bay, N.S.
80903	Leonora	Vancouver	1876	Vancouver, B.C.	57 0	9 0	5 3	33	18	15 sc.	C. L. Shaw and M. K. Morrison, Vancouver, B.C.
138531	*Lepyec*	Vancouver	1917	Vancouver, B.C.	32 0	7 8	3 0	5	4	⅘ sc.	Alfred W. LePage, Vancouver, B.C.
141123	*Leslie Evans*	Vancouver	1918	Vancouver, B.C.	25 1	8 4	3 8	7	5	½ sc.	James A. Goldsmith and Vincent Meakin, J.O., Vancouver, B.C.
126558	*Let Me Pass*	Vancouver	1908	Vancouver, B.C.	26 0	7 5	3 2	6	4	1 sc.	Alfred G. Deighton, Van Anda, B.C.
130614	*Letitia Sophia*	Victoria	1910	Victoria, B.C.	30 4	8 2	3 4	6	4	1 sc.	Augustus H. Aldridge, South Pender Island, B.C.
126842	Levis	Quebec	1910	Lauzon, Que.	133 3	34 9	11 0	419	281	32 sc.	Levis Ferry, Ltd., Levis, Que.
133904	Levis	Sorel	1901	Sorel, Que.	96 0	19 9	8 3	185	88	48 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
126155	Lib	Montreal	1908	Montreal, Que.	62 5	14 1	5 6	31	15	4 sc.	W. J. Finn, Montreal, Que., and S. Thompson, Toronto, Ont., J.O.
107813	Libbie	Peterborough	1898	Lakefield, Ont.	28 5	5 8	2 4	3	2	4 sc.	Wellington McDonald, Lakefield, Ont.
116279	Liberty	Halifax	1903	Sheet Harbour, N.S.	76 5	20 3	7 5	96	42	75 sc.	The Minister of Militia & Defence, Ottawa, Ont.
122380	*Light Star*	Vancouver	1907	Vancouver, B.C.	30 0	9 4	3 1	7	5	½ sc.	John Valiente, Vancouver, B.C.
107156	Lightning	Dawson	1898	Vancouver, B.C.	140 0	30 0	5 0	557	351	43 pa.	The Northern Light, Power & Coal Co., Ltd., Dawson, Y.T.
111869	Lilias	Ottawa	1902	Ottawa, Ont.	36 0	8 0	3 5	2	2	4 sc.	Thos. F. Ahearn, Ottawa, Ont.
103847	Lillian	Ottawa	1896	Ottawa, Ont.	26 0	6 3	2 0	2	1	4 sc.	S. G. Lindsay, Ottawa, Ont.
94767	Lillian	Owen Sound	1893	Owen Sound, Ont.	30 0	7 1	3 6	5	4	1 sc.	Chas. Martin, jr., Simcoe, Ont.
133817	*Lillian G.*	Lunenburg	1910	Chester, N.S.	42 0	10 5	5 5	12	11	⅔ sc.	David Graves, Chester, N.S.
138175	*Lillian M.*	Prince Rupert	1915	Prince Rupert, B.C.	40 2	9 6	5 0	13	9	1 sc.	George W. Nickerson, Prince Rupert, B.C.
138177	*Lillian S.*	Prince Rupert	1909	Seattle, Wash., U.S.A.	40 0	10 5	4 5	11	7	2 sc.	Samuel Gurney, Prince Rupert, B.C.
85543	Lillie	Chatham, N.B.	1883	Yarmouth, N.S.	64 9	17 1	7 8	72	49	60 sc.	Ralph W. Hendry, Halifax, N.S.
116848	Lillie Seaman	Owen Sound	1907	Owen Sound, Ont.	45 0	12 0	6 3	19	13	2 sc.	Union Bank of Canada, Winnipeg, Man.
103219	Lillie of the Valley	Ottawa	1891	Deux-Rivières, Ont.	33 1	7 7	2 5	2	2	6 sc.	P. Sage, Mackey's Station, Ont.
122395	Lillooet	Victoria	1908	Victoria, B.C.	163 0	27 0	13 0	575	311	94 sc.	The Minister of the Naval Service, Ottawa, Ont.
94985	Lilly	Toronto	1890 1909	Oakville, Ont. Victoria Harbour, Ont.	51 3	14 2	5 5	22	15	3 sc.	The Victoria Harbour Lumber Co., Ltd., Toronto, Ont.
80020	Lilly Glasier	St. John, N.B.	1880	Indiantown, N.B.	123 9	24 4	7 2	209	132	40 pa.	The St. John River Log Driving Co., Devon, N.B.
103574	Lilly May	Midland	1895	North River, Ont.	32 0	10 3	3 6	11	3	2 sc.	Geo. Denis, Penetanguishene, Ont.
130871	*Lilono*	New Westminster	1912	New Westminster, B.C.	35 8	8 3	3 0	8	5	1 sc.	Wm. Russell Jaynes, New Westminster, B.C.
107255	Lily	New Westminster	1898	New Westminster, B.C.	32 0	6 8	3 0	9	6	1½ sc.	Alexander Coutts, New Westminster, B.C.
111545	Lily	Vancouver	1900	Vancouver, B.C.	29 0	9 7	4 0	7	5	3 sc.	John J. Vickers, Vancouver, B.C.
116469	Lily	Vancouver	1904	Vancouver, B.C.	30 0	9 6	3 6	12	8	3 sc.	Wm. Hickey and Robert Kelly, Vancouver, B.C.
130627	*Lily M. Hodge*	Yarmouth	1913	Yarmouth, N.S.	59 7	13 9	7 0	45	31	2 sc.	The Lockeport Cold Storage Co., Ltd., Lockeport, N.S.
126209	*Limit*	Vancouver	1908	Vancouver, B.C.	46 0	10 2	4 8	24	16	3½ sc.	William J. Massey, Vancouver, B.C.
103277	Lina	Chatham N.B.	1894	Chatham, N.B.	53 2	11 7	5 8	26	18	12 sc.	Robert Loggie M.O., Black Brook, N.B.
130359	*Lina May*	Arichat	1911	Cape George, N.S.	30 0	11 0	5 6	11	10	½ sc.	Daniel T. Wilson, Arichat, N.S.
117008	Linda	Vancouver	1904	Vancouver, B.C.	52 0	13 4	6 9	37	25	9 sc.	The Canada Fish Products Ltd., 39 Old Broad St., London, Eng.
122502	*Linde*	Vancouver	1907	Vancouver, B.C.	30 8	8 6	4 2	8	6	1 sc.	D. M. Moore Vancouver B.C.
112183	Linden	Toronto	1902	Magnetawan, Ont.	40 0	6 0	2 6	4	3	1 sc.	Henry Walton Magnetawan Ont.
132810	Lingan ⊙	Montreal	1911	Middlesborough, G.B.	375 4	52 0	27 6	4677	2603	490 sc.	Lingan Steamship Company, Ltd., Halifax, N.S.
126723	Lintonia	Peterboro'	1910	Lakefield, Ont.	82 4	14 7	5 2	58	40	8 sc.	Charles F. Gray Lakefield Ont.
100250	Lion	Halifax	1888	Halifax, N.S.	47 4	15 6	5 0	27	18	8 sc.	Louis Heller, Halifax, N.S.

[1]Formerly a sailing vessel. [2]Foreign name "Peter Smith." [3]Foreign name "Leo." [4]Foreign name "Quickstep" and a Sailing Vessel.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths — Longueur en pieds et 10es.	Breadth in feet and 10th. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
112187	Lion	Toronto	1902	Dunchurch, Ont.	31 5	7 3	2 7	5	3	1 sc.	Albert McCallum, Toronto, Ont.
126493	Lisgar	Montreal	1909	Sorel, Que.	91 8	22 1	10 7	210	118	46 sc.	The Minister of Public Works, Ottawa, Ont.
122272	Lisgar	Winnipeg	1910	Selkirk, Man.	44 0	13 7	5 0	26	18	2 sc.	The Minister of Public Works, Ottawa, Ont.
111459	Little Bobs	Winnipeg	1902	Selkirk, Man.	38 0	9 2	3 5	13	9	1 sc.	Winnipeg General Power Co., Ltd., Winnipeg, Man.
122202	*Little Dan*	Amherst	1908	West Bay, N.S.	35 0	10 0	4 0	6	4	1 sc.	William A. Downey, Amherst, N.S.
92758	Little Emely	Quebec	1889	Quebec, Que.	28 0	8 0	3 2	6	4	7 sc.	Louis Gagnon, Pentecost River, Que.
121702	*Little Jap*	Toronto	1902	Racine, Wis., U.S.A.	22 5	5 6	2 0	2	1	3/5 sc.	A. V. Donaldson, Parry Sound, Ont.
138830	*Little Jessie*	Lunenburg	1890	South Boston, Mass., U.S.A.	48 6	13 2	7 5	22	21	4/5 sc.	Gilbert Redmond Liscomb, N.S.
130327	*Little Queen*	Kingston	1911	Cape Vincent, N.Y., U.S.A	44 6	9 8	5 5	13	10	5/6 sc.	Grant Pyke, Wolfe Island, Ont.
103849	Little Roxy	Ottawa	1896	Baie des Pères Que.	41 7	8 3	3 0	12	7	4 sc.	M. Rothchilds, Baie des Pères, Que.
126447	Lizpeth	Kenora	1909	Fort Frances, Ont.	45 0	10 4	4 0	25	17	3 sc.	Rat Portage Lumber Co., Ltd., St. Boniface, Man.
103467	[3]*Lizzie May*	Arichat	1900	River Bourgeois, N.S.	40 0	12 4	5 9	11	11	1½ sc.	Simon and Michael Le Blanc, J.O., Petit de Grat, N.S.
107131	Lizzie May	Goderich	1897	Goderich, Ont.	55 0	12 1	4 8	18	12	12 sc.	John Harrison & Sons Co., Ltd., Owen Sound, Ont.
130856	*Lo Olbee*	Vancouver	1911	Vancouver, B.C.	64 0	13 0	4 6	40	27	2 sc.	Harbour Shipping Co., Ltd., Vancouver, B.C.
130932	*Loafer II*	Montreal	1912	Montreal, Que.	42 5	9 4	6 0	12	8	2½ sc.	Ralph Burnett, Montreal, Que.
130901	*Loalinda*	Vancouver	1912	Vancouver, B.C.	56 8	11 5	7 2	31	21	4 sc.	The Canadinn Robert Dollar Co., Ltd., Vancouver, B.C.
133820	[3]*Lobelia L.*	Lunenburg	1913	Little Tancook, N.S.	48 8	13 0	7 8	25	24	3/5 sc.	Fred. Cornelius, *et al.*, Packard's Cove, N.S.
100198	Logger	Vancouver	1891	Vancouver, B.C.	44 0	14 0	3 9	19	13	5 sc.	Lawrence O'Brien, Vancouver, B.C.
131065	*Lois M. C.*	Lunenburg	1912	Tancook, N.S.	40 4	10 2	6 0	13	12	3/5 sc.	Alvin Cross, Tancook, N.S.
122633	*Lolita*	Kingston	1904	Gananoque, Ont.	24 6	5 5	2 3	2	1	1/5 sc.	William Funnell, Gananoque, Ont.
121836	Lolita	St. John, N.B.	1897	Boston, Mass., U.S.A.	46 1	10 0	4 8	14	10	4 sc.	L. J. Whupley, Carters Point, N.B.
126853	Long Sault	Quebec	1911	Sorel, Que.	65 0	17 6	6 5	69	28	28 sc.	Lachance, Limitée, Quebec, Que.
126266	Longboat	Toronto	1901	Simcoe, Ont.	37 0	10 0	4 0	23	15	2 sc.	The Ontario Lumber Co., Ltd., Toronto, Ont.
131087	Longlad	Toronto	1911	Moon Falls, Ont.	63 0	10 0	3 2	22	15	3 sc.	Henry Arnold, Moon Falls, Muskoka, Ont.
90531	Longueuil	Montreal	1884 1890	Montreal, Que. Sorel, Que.	170 1	57 5	9 1	379	231	75 pa.	Canada Steamship Lines, Ltd., Montreal, Que.
126485	Lorancia	Montreal	1909	Valleyfield, Que.	112 0	22 2	7 7	346	205	27 sc.	J. O. Sicotte, *et al.*, J.O., Valleyfield, Que.
126716	Lord Beresford	St. John, N.B.	1909	Paisley, Scotland	75 2	18 6	8 9	112	18	45 sc.	The Maritime Dredging & Construction Co., Ltd., St. John, N.B.
108624	Lord Dufferin ⊙	Montreal	1898	Jarrow-on-Tyne, G.B.	400 0	48 7	28 6	4,664	3,007	500 sc.	Gaston Williams & Wigmore of Canada, Ltd., Toronto, Ont.
112230	Lord Kitchener	St. John, N.B.	1903	St. John, N.B.	93 3	22 1	10 7	161	110	47 sc.	Thomas Bell, St. John, N.B.
110506	Lord Ormonde ⊙	Quebec	1899	Low Walker on Tyne, G.B.	360 0	46 2	27 2	3,914	2,533	320 sc.	Dominion Mercantile Marine Corporation, Ltd., Montreal, Que.
111501	Lord Roberts	St. John, N.B.	1900	St. John, N.B.	61 0	16 5	7 6	56	38	16 sc.	The Maritime Dredging & Construction Co., Ltd., St. John, N.B.

99478	Lord Strathcona ⊙	Quebec	1902	South Shields, G.B	160 0	27 2	13 6	495	201	250 sc...	The Quebec Salvage & Wrecking Co., Ltd., Montreal, Que.
116728	Lord Wolseley	St. John, N.B	1905	Parrsboro, N.S	68 8	18 0	8 0	73	50	16 sc...	John U. Seely, St. John, N.B.
107940	Lorelei	New Westminster	1898	Skagway, Alaska, U.S.A	49 6	10 0	3 1	32	20	1 pa...	John Leech, Dawson, Y.T.
122480	Loretta	Ottawa	1907	Toronto, Ont	77 2	17 0	7 7	75	31	13½ sc...	The Minister of Railways and Canals, Ottawa, Ont.
107816	Lorielie	Peterborough	1899	Lakefield, Ont	38 2	7 7	2 9	6	4	6 sc...	Melville Strickland, Lakefield, Ont.
138080	Loriot	Ottawa	1914	Hull, Que	31 4	7 5	3 8	8	5	½ sc..	Cleophas Lauriault, Hull, Que.
100758	Lorna Doone	Toronto	1893	Orillia, Ont	36 0	8 0	4 2	5	4	1 sc...	W. H. Edwards, Bracondale, Ont.
122525	*Lorna Doone*	Vancouver	1907	Vancouver, B.C	37 0	10 1	4 6	21	14	1 sc...	William Turner, Vancouver, B.C.
94809	Lorne ⊙	Prince Rupert	1889	Victoria, B.C	151 0	26 0	13 2	288	159	114 sc...	The Grand Trunk Pacific Railway Co., Montreal, Que.
117035	Lorne Hale	Sault Ste. Marie	1893	Simcoe, Ont	37 3	10 1	3 8	22	14	2 pa...	James Joseph McFadden, Sault Ste. Marie, Ont.
103884	Lorne Hale	Ottawa	1895	Cook's Mills, Ont	37 0	16 0	3 6	14	9	20 pa...	J. R. Booth and Thos. Hall, jr., Ottawa, Ont.
133696	[1]Lornet	Victoria	1901	Ballard, Wash., U.S.A	68 0	18 8	7 4	79	39	13 sc...	Alexander McKenzie and Arthur Pike, Victoria, B.C.
126458	Lotbiniere	Sorel	1903	Sorel, Que	78 5	23 2	7 8	146	47	46 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
116295	Lottie	Charlottetown	1899	Georgetown, P.E.I	29 6	7 9	2 4	3	3	5 sc...	W. A. O. Morson, Charlottetown, P.E.I.
90608	Lottie	Ottawa	1885	Aylmer, Que	40 0	8 4	4 6	10	9	4 sc...	Canadian Pacific Railway Co., Montreal, Que.
122477	Lottie	Ottawa	1907	Cumberland, Ont	43 0	14 0	2 0	12	8	2 sc...	Charles McLeod, Masson, Que.
83453	Lottie	Vancouver	1883	Victoria, B.C	51 0	12 5	5 5	29	11	6 sc...	Albert Berquist, Victoria, B.C.
130570	*Lottie B. L*	Canso	1910	Tancook, N.S	42 0	10 4	5 3	12	11	⅔ sc...	Roland Boutillier and Creighton Young, Port Bickerton, N.S.
138292	*Lottie E*	Vancouver	1916	Vancouver, B.C	37 0	7 3	2 2	3	2	2 sc...	James C. Hutchison, Chilliwack, B.C.
111547	Lottie N	Vancouver	1900	Irving, B.C	58 0	14 0	7 7	34	14	10 sc...	Marsh-Hutton-Powers Co., Ltd., New Westminster, B.C.
126341	Lottie and Marguerite.	Barrington Passage	1908	Allendale, N.S	62 9	14 4	6 0	32	22	8 sc...	St. Mary's Bay Steamship Company, Ltd., Little River, N.S.
130581	*Lotys*	Halifax	1909	Halifax, N.S	31 4	6 6	3 0	3	2	⅔ sc...	Edwin F. Keefe, Halifax, N.S.
133676	*Lotys II*	Halifax	1912	Halifax, N.S	40 0	11 2	6 0	19	15	1 sc...	Edwin F. Keefe, Halifax, N.S.
117025	*Louis A*	Sydney, N.S	1903	Port Hawkesbury, N.S	25 5	6 6	3 5	3	3	⅔ sc...	L. A. Petrie, Glace Bay, N.S.
126931	Louis Joseph	Quebec	1911	Ste. Anne de Chicoutimi, Que.	70 8	17 9	4 9	61	40	4¾ sc...	Epiphane Gagnon, Ste. Anne de Chicoutimi, Que.
134491	Louis Philipe	Quebec	1914	Lauzon, Levis, Que	162 0	37 0	11 0	600	251	58 sc...	Canada Steamship Lines, Ltd., Montreal, Que.
100126	Louisa	Wallaceburg	1902	Wallaceburg, Ont	55 0	9 6	4 0	13	9	6 sc...	John Lee, sr., Wallaceburg, Ont.
117124	*Louise*	Kingston	1905	Kingston, Ont	28 8	6 5	2 7	3	2	1 sc...	John H. Davis, Kingston, Ont.
107420	Louise	Montreal	1899	New York, N.Y., U.S.A	18 7	4 9	2 1	1	1	1 sc...	Walter Kavanagh, Montreal, Que.
103477	Louise	Ottawa	1887	Carleton, Place, Ont	25 2	5 0	2 6	1	1	2 sc...	J. E. Turgeon, Ottawa, Ont.
133699	*Lounan*	Victoria	1912	Victoria, B.C	23 4	7 2	3 7	4	2	¾ sc...	Thomas Beauchamp Tye, Victoria, B.C.
126358	*Loup Garou*	Montreal	1908	Tetreaultville, Que	53 5	11 4	6 4	23	16	2½ sc...	Charles O. Clark, Westmount, Que.
138794	*Loup Marin*	Quebec	1917	St. Methot, Que	47 0	9 9	3 7	18	12	1 sc...	Joseph Matte, St. Methot, Que.
126207	Lowmoor	Sorel			47 0	9 5	7 0	14	10	4 sc...	Thomas C. Simpson, Montreal, Que.
85581	Loyalist	St. John, N.B	1882	Portland, N.B	27 5	6 0	3 6	3	2	3 sc...	Thos. Miller, St. John, N.B.
134602	*Luana*	Winnipeg	1912	Selkirk, Man	51 0	12 4	6 5	31	21	2 sc...	William G. Purvis, Selkirk, Man.
126425	*Lubricator*	Vancouver	1909	Davis Creek, B.C	39 0	9 2	4 9	10	7	½ sc...	Frank W. Smith, *et al.*, Maywood, B.C.
137992	*Luca*	Arichat	1915	Louisdale, N.S	29 0	9 0	4 6	10	10	½ sc...	Benjamin Marchant, Louisdale, N.S.
103969	Lucia	Montreal	1898 1918	Sorel, Que	59 9	15 7	6 8	51	1	28 sc...	Mrs. Thomas Simpson, Montreal, Que.
116801	Luciana	Sorel	1904	Sorel, Que	42 4	13 0	6 0	18	12	16 sc...	Lazarus Cohen, Montreal, Que.
138742	*Lucile M*	Yarmouth	1918	Meteghan, N.S	75 0	17 6	9 0	54	40	2 sc...	Raymond N. D'Entremont, *et al.*, West Pubnico, N.S.
116761	Lucille	Toronto	1889	Detroit, Mich., U.S.A	62 0	11 2	4 2	30	20	9 sc...	The C. Beck Mfg., Co., Ltd., Penetanguishene, Ont..
121668	Lucina	Quebec	1905	Portneuf, Que	47 5	14 8	6 3	32	22	3 sc...	A. Marchildon and L. E. Dufresne, Three Rivers, Que.
88623	[2]Lucknow ⊙	Midland	1870	Saginaw South, Mich. USA	120 0	19 0	7 6	256	174	14 sc...	The Midland Transportation Co., Ltd., Midland, Ont.
121757	*Lucky Jim*	Vancouver			29 5	8 3	2 6	7	5	¼ sc...	George H. West, Vancouver, B.C.
116646	Lucy Clive	Ottawa	1900	Port Hawkesbury, N.S	42 2	9 5	5 5	13	9	10 sc...	Fred W. Mosher, Halifax, N.S...
121871	Ludivica	Yarmouth	1906	Tusket Wedge, N.S	45 0	11 2	5 4	17	11	6 sc...	Hilaire T. LeBlanc, Tusket Wedge, N.S.
121831	Ludlow	St. John, N.B	1905	St. John, N.B	114 0	34 4	11 7	534	363	33 sc...	The City of St. John, N.B.
80591	Luella	Toronto	1880	Toronto, Ont	66 0	13 3	6 0	38	26	24 sc...	The Toronto Ferry Co., Ltd., Toronto, Ont.
130232	Lula May	Port Stanley	1910	Collingwood, Ont	56 2	14 0	6 5	34	23	4 sc...	Albert Ernest Barry, Port Stanley, Ont.
116250	Lulu Eddy	Sault Ste. Marie	1888	West Bay City, Mich.,	51 3	13 3	5 6	29	18	6 sc...	C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.
112008	Lulu M. Ray	Port Arthur	1888	Luddington, Mich., U.S.A	56 0	12 0	6 0	33	25	5 sc...	Samuel Forrest, Fort William, Ont.
134272	*Lumarco*	Victoria	1912	Tacoma, Wash., U.S.A	28 2	9 0	3 5	6	4	¾ sc...	Maurice F. Meredith, Victoria, B.C.
131074	*Lunenburg*	Lunenburg	1905	Tancook, N.S	40 2	10 2	5 0	11	10	⅔ sc...	George Baker, Cross Island, N.S.

[1]Formerly "Kezia" and "Challenge." [2]Formerly "Onaping." [3]Formerly a sailing vessel.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
133703	*Lureda*	Vancouver	1912	Vancouver, B.C.	34 2	8 0	4 1	10	7	½ sc.	Thomas F. Greenhow, Vancouver, B.C.
100229	Lurline	Halifax	1893	New York, N.Y., U.S.A.	21 0	5 4	3 2	2	1	2 sc.	F. D. Corbett, Halifax, N.S.
137959	Luseland	Vancouver	1915	Vancouver, B.C.	32 1	9 6	3 9	8	6	1 sc.	Robert Smith, Vancouver, B.C.
116934	*Lyackson*	Victoria	1905	Valdez Island, B.C.	47 2	10 8	4 7	22	11	4 sc.	A. Thomas, *et al.*, J. O., Valdez Island, B.C.
126085	*Lychnis*	Vancouver	1908	Vancouver, B.C.	32 0	8 0	3 5	8	6	1 sc.	Harry Hemming, Vancouver, B.C.
116958	*Lyle*	Sarnia	1904	Algonac, Mich., U.S.A.	30 0	7 5	2 8	5	3	⅛ sc.	Duncan J. Symes and Henry M. Smith, Corunna, Ont.
126758	Lyon C.	Montreal	1909	Cornwall, Ont.	53 3	14 8	6 6	40	19	6 sc.	Lyon Cohen, Montreal, Que..
134119	M. C. M.	New Westminster	1914	New Westminster, B.C.	69 3	17 3	6 9	73	46	16 sc.	Joseph Mayers, New Westminster, B.C.
130797	[10]M. T. Co. No. 1.	Vancouver	1900	Beach, Wash., U.S.A.	46 5	11 6	4 4	20	14	6 sc.	A. M. Snider, Vancouver, B.C..
130907	[4]*M. T. Co. No.* 3.	Vancouver	1908	Tacoma, Wash., U.S.A.	46 4	12 6	4 0	15	10	3 sc.	Ocean Foods, Ltd., Vancouver, B.C.
131048	M. & F. No. 8.	Sorel	1906	Sorel, Que.	264 0	45 1	18 4	2,050	1,270	74 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
134365	M. & F. Dredge No. 14.	Sorel	1914	Collingwood, Ont.	223 0	37 6	13 0	888	332	87 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
134366	M. F. Dredge No. 15.	Sorel	1914	Collingwood, Ont.	223 0	37 6	13 0	888	332	87 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
134364	M. & F. Hopper Barge No. 1.	Sorel	1913	Levis, Que.	180 0	32 1	13 4	676	253	74 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
133952	M. & F. Hopper Barge No. 2.	Sorel	1915	Collingwood, Ont.	180 0	32 1	13 6	743	356	72 sc.	The Minister of Marine of Fisheries, Ottawa, Ont.
112143	M. & W.	Kingston	1902	Kingston, Ont.	40 6	10 1	4 0	8	6	8 sc.	David A. Mitchell, Gananoque, Ont.
138252	*M. E. Corkum*	Lunenburg	1916	Lunenburg, N.S.	39 6	11 0	5 2	12	11	1 sc.	Amiel Corkum, Middle La Have, N.S.
103137	M. E. Hackett	Quebec	1894	Quebec, Que.	70 2	18 8	7 4	78	53	75 sc.	Wm. Hackett, Quebec, Que.
122389	*M. E. Smith*	Victoria	1907	Victoria, B.C.	30 0	9 0	5 8	8	4	⅝ sc.	James Christensen, *et al.*, Victoria, B.C.
126568	*M. E. Wherry*	Sydney, N.S.	1907	Little Bras d'Or, N.S.	35 0	11 2	5 5	14	14	½ sc.	Daniel Landry, Point Aconia, Little Bras d'Or, N.S.
103571	M. G. Mc Donald	Collingwood	1895 1914	Collingwood, Ont. Wiarton, Ont.	70 0	14 6	6 0	35	24	9 sc.	James P. McDonald, Blind River, Ont.
137994	*M. H. Morris*	Arichat	1916	Ecum Secum, N.S.	37 0	12 5	5 4	19	19	1 sc.	Wm. Morris, Ecum Secum, N.S.
126050	M. J. O'Brien	Port Arthur	1909	O'Brien, Ont.	100 0	24 5	4 0	253	159	6 pa.	The New Ontario Transportation Co., Ltd., Port Arthur, Ont
92304	[6]M. Maree	Collingwood	1887	Collingwood, Ont.	44 0	9 0	4 6	12	9	3 sc.	The Sarnia Log Towing Co., Ltd., Sarnia, Ont.
134470	M. Moran	Halifax	1912	Camden, N. J., U.S.A.	109 0	25 7	14 5	315	111	54 sc.	War Office, London, England..
138447	M. Sigogne	Weymouth	1917	Church Point, N.S.	113 2	30 0	11 4	276	161	28 sc.	The Globe Steamship Co., Ltd., Halifax, N.S.
126557	Maagen	New Westminster	1909	Vancouver, B.C.	52 5	16 2	6 8	43	29	12 sc.	Walter J. Thicke, Vancouver, B.C.
138351	*Mabel Brown*	Vancouver	1917	North Vancouver, B.C.	240 0	43 3	19 0	1,474	917	36 sc.	Canada West Coast Navigation Co., Ltd., Vancouver, B.C.
117088	Mabel D.	Collingwood	1907	Collingwood, Ont.	64 0	15 0	6 6	38	26	10½ sc.	The Rondeau Fish Co., Ltd., Ereiau, Ont.

107259	Mabel F.	New Westminster	1898	Linderman, B.C.	40 0	10 0	4 0	10	7	1 sc.	Matthew Watson, Carcross, Y. T.
107365	Mabel G.	Toronto	1898	Penetanguishene, Ont.	36 0	8 3	3 6	10	8	3 sc.	Wm. McM. Thomson, Penetanguishene, Ont.
103787	Mabel K.	Halifax	1898	Lockeport, N.S.	41 9	11 0	5 3	15	10	1 sc.	Mrs. Rosanna Neville, Halifax, N.S.
130999	*Mabel Luce*	Chatham, N.B.	1913	Lamek, N.B.	41 0	10 5	4 4	13	11	1 sc.	Philip Luce, Lamek, N.B.
107195	Mabel M.	Southampton	1901	Port Elgin, Ont.	39 0	7 0	3 6	7	5	1 sc.	Andrew Campbell, Port Elgin, Ont.
100037	Mabel MacDonald	Toronto	1891	Toronto, Ont.	64 0	14 3	7 8	42	28	15 sc.	Randolph Macdonald Co., Ltd., Toronto, Ont.
122597	[1]Mabel Reid	St. Andrews	1887	Freeport, Me., U.S.A.	68 0	15 9	6 4	63	17	14 sc.	The Minister of Public Works, Ottawa, Ont.
138684	*Mabel Stewart*	Vancouver	1917	North Vancouver, B.C.	243 2	44 0	19 2	1,472	1,272	36 sc.	Canada West Coast Navigation Co., Ltd., Vancouver, B.C.
138041	*Mabel W.*	Port Hawkesbury	1914	Eastern Harbour, N.S.	45 0	11 7	5 6	12	12	½ sc.	Robert T. Matthews, *et al.*, J.O., Queensport, N.S.
130618	*Mabelle*	Victoria	1910	Boston, Mass, U.S.A.	70 2	15 2	6 2	54	31	3½ sc.	Joseph A. Sayward, Victoria, B.C.
134074	*Mac-All*	Vancouver	1913	Steveston, B.C.	29 0	7 0	3 2	5	3	1 sc.	G. A. MacKay and W. G. Scott, James Island, B.C.
103974	Macannamae	Quebec	1891	Carleton Place, Ont.	30 2	6 6	3 1	4	4	6 sc.	Megantic Fish and Game Club, Agnes, Que.
93932	Macassa ⊙	Hamilton	1898 1905	Port Glasgow, G.B. Collingwood, Ont.	178 4	24 1	16 3	529	234	95 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
111940	McClintock	Lindsay	1894	Simcoe, Ont.	36 8	10 5	3 9	21	13	3 pa.	R. C. Carter, M.O., Deseronto, Ont.
117117	McCulloch	Vancouver	1905	Vancouver, B.C.	64 0	14 7	6 7	39	27	12 sc.	North Coast Towing Co., Ltd., Prince Rupert, B.C.
126260	MacKelvie	Chatham, N.B.	1909	Campbellton, N.B.	60 0	15 0	4 6	44	22	4 pa.	Wm. H. Miller, Campbellton, N.B.
130279	McKenzie River	Winnipeg	1911	Fort Smith, N.W.T.	126 0	26 0	5 0	413	287	9 pa.	The Hudson's Bay Co., London, G.B.
126440	*McL (The)*	Vancouver	1909	Vancouver, B.C.	38 0	10 1	4 5	15	10	1½ sc.	William P. Swan, Vancouver, B.C.
138563	*McLaughlin*	Shelburne	1917	East Pubnico, N.S.	60 9	13 9	6 6	29	24	2 sc.	H. R. Swim, M.O., Lockeport, N.S.
138070	*McLean*	Ottawa	1917	Ottawa, Ont.	38 0	18 0	2 0	14	9	1 pa.	William McLean, Quyon, Que.
111568	McLean Bros.	Toronto	1900	Goderich, Ont.	22 3	5 0	2 1	2	1	1 sc.	Frank H. McLean, Stratford, Ont.
88321	McNaughton	Montreal	1886	Lévis, Que.	92 0	18 4	8 4	137	37	80 sc.	Howard A. Foster, St. Catherines, Ont.
130778	Mack Jean	Sault Ste Marie	1898	Manitowoc, Wis., U.S.A.	83 0	18 4	7 1	146	69	16 sc.	James E. Pastorins, Kingsville, Ont.
138508	Macsinco	Montreal	1918	Sorel, Que.	74 0	22 6	10 5	140	22	54 sc.	The Sincennes McNaughton Line, Ltd., Montreal, Que.
83384	[2]*Madeline*	Toronto	1882	Bronte, Ont.	69 0	18 5	5 1	39	32	1 sc.	Stephen L. Peer, Port Credit, Ont.
130624	Madeline A.	Yarmouth	1912	Mahone Bay, N.S.	64 0	18 2	7 0	39	27	14 sc.	Leonard Fisheries Ltd., Montreal, Que.
138361	*Madeline Dyke*	Vancouver	1917	Vancouver, B.C.	38 0	10 4	4 8	10	7	2 sc.	Stanley J. Steeves, *et al.*, Vancouver, B.C.
103813	Madge	Kingston	1898	Belleville, Ont.	36 8	7 5	4 0	9	6	8 sc.	Henry Richardson, Kingston, Ont.
111961	Madge	Picton, Ont.	1902	Picton, Ont.	40 0	8 0	3 8	7	5	4 sc.	Canada Steamships Lines, Ltd., Montreal, Que.
121984	Madge	Victoria	1907	Victoria, B.C.	97 5	20 0	11 5	155	77	31 sc.	The Minister of Agriculture, Ottawa, Ont.
130477	*Madge A. P.*	Lunenburg	1910	Tancook, N.S.	44 8	10 2	5 2	11	10	⅜ sc.	Armenious Strum, Oakland, N.S.
126243	*Madrona*	Victoria	1909	Victoria, B.C.	28 0	9 0	4 2	8	4	1½ sc.	Mrs. Charles G. Doering, Duncan, B.C.
122344	[7]Maganetawan	Toronto	1901	Monroe, Mich., U.S.A.	67 0	14 4	6 4	25	19	5 sc.	William E. Bigwood, Toronto, Ont.
85405	Magdalen	Magdalen Islands	1906	Shelburne, N.S.	98 6	21 6	8 8	135	92	28 sc.	William G. Leslie, Grindstone, Magdalen Islands, Que.
74377	Maggie	St. Catharines	1873	Buffalo, N.Y., U.S.A.	62 0	16 0	6 2	37	26	50 sc.	Edward Armstrong, Port Colborne, Ont.
131132	Maggie K.	Ottawa	1912	Buckingham, Que.	48 2	11 5	4 4	25	13	4 sc.	The Minister of Public Works Ottawa, Ont.
94752	Maggie M.	St. John, N.B.	1888	Portland, N.B.	68 3	16 3	8 7	66	45	30 sc.	James W. Gordon, North Sydney, N.S.
111424	[2]*Maggie M.*	Halifax	1902	Mahone Bay, N.S.	40 8	10 7	5 6	13	11	1 sc.	Oswald Dauphine and Abel E. Boutilier, Boutilier's Cove, N.S.
126840	Maggie Main	Toronto	1909	Gravenhurst, Ont.	40 0	8 5	4 5	19	16	1 sc.	David Schell, Gravenhurst, Ont.
94683	Maggie May	Collingwood,	1889	Meaford, Ont.	58 0	14 0	6 0	46	31	5 sc.	David S. Pratt, Midland, Ont.
96908	Maggie May	Kingston	1891	Washburne, Ont.	51 7	13 2	5 4	29	20	20 sc.	H. S. Parrot, Leclercville, Que.
100086	Maggie Miller	St. John, N.B.	1892 1914	Milledgeville, N.B. St. John, N.B.	78 5	24 0	6 6	146	92	33 pa.	Robert W. White, M.O., St. John, N.B.
90706	Maggie R. King	Montreal	1872	Port Robinson, Ont.	50 0	13 0	6 0	27	18	20 sc.	Canadian Dredging Co., Ltd., Midland, Ont.
103690	Magnolia	Midland	1898	Midland, Ont.	136 0	21 4	13 7	367	191	56 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
107781	Mahigama	Ottawa	1899	Pembroke, Ont.	60 7	12 2	5 0	20	19	12 sc.	Haileybury Navigation Co., Ltd, Haileybury, Ont.
116515	Mahone	Quebec	1904	Mahone Bay N.S.	86 0	19 8	10 5	127	79	24 sc.	Provincial Steamship Co., Ltd., Halifax, N.S.
130875	[9]*Maid of Ecoole*	New Westminster	1913	Vancouver, B.C.	42 5	12 0	9 0	26	18	3½ sc.	Butterfield and Mackie Co., Ltd., Vancouver, B.C.
90692	Maid of the Mist	St. Catharines	1885	Niagara Falls, Ont.	71 1	16 1	6 6	62	33	75 sc.	"Maid of the Mist" Steamboat Co., Ltd., Niagara Falls, Ont.
121728	*Maid of the Mist*	Vancouver		U.S.A.	33 0	6 4	2 8	6	4	⅝ sc.	Robert Porter, Vancouver, B.C.
103925	Maida Vale	Peterborough	1902	Hastings, Ont.	46 5	9 3	4 0	19	13	2 sc.	N. T. Laplante, Peterboro' Ont.
100658	[5]Maisonneuve	Ottawa	1894	Smith's Falls, Ont.	75 7	9 7	7 3	26	18	9 sc.	Thomas C. Simpson, Montreal, Que.
138224	Maisonneuve I.	Montreal	1916	Montreal, Que.	95 5	16 5	6 3	79	46	11 sc.	Johnny Paquette, Champlain, Que.
107693	Majestic	Montreal	1899	Toronto, Ont.	110 0	21 9	5 2	275	156	33 sc.	Crystal Stream Steamship Co., Ltd., Indiantown, N.B.
121771	Majestic	Winnipeg	1904 1915	Bad Throat, Man. Winnipeg, Man.	84 6	17 5	6 2	110	75	17 sc.	William J. Holmes, M.O., Winnipeg, Man.

[1]Foreign name "Phantom." [2]Formerly a sailing vessel. [4]Foreign name "Vixen." [5]Formerly "Gladys." [6]Formerly "Eagle." [7]Foreign name "Jos. B. Dewey."
Formerly "C. W. Endress". [9]Formerly "Fraser Ferry No. 1." [10]Foreign name "Celtic."

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134263	Major	Midland	1889	West Bay City, Mich., U.S.A.	292 6	41 0	20 4	2,149	1,721	137 sc.	Great Lakes Transportation Co., Ltd., Midland, Ont.
131150	[3]*Makehewi*	Vancouver	1910	Port Blakely, Wash., U.S.A.	35 1	11 2	4 0	14	9	1½ sc.	Wm. Sulley, jr., Vancouver, B.C.
131180	*Malada*	Lunenburg	1913	Tancook, N.S.	47 2	13 3	7 0	22	21	1 sc.	Harris Fleet, M.O., Blandford, N.S.
133778	*Malahat*	Victoria	1912	Vancouver, B.C.	26 6	7 4	2 3	5	3	⅔ sc.	William R. Macdonald and Lancelot H. Sheffield, Deep Bay, B.C.
134655	*Malahat*	Victoria	1917	Victoria, B.C.	245 7	43 8	21 2	1,544	1,199	18 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
136044	Malaspina ⊙	Ottawa	1913	Dublin, Ireland	162 4	27 1	13 1	392	129	161 sc.	The Minister of the Naval Service, Ottawa, Ont.
107683	*Malinche*	Prescott	1904	Ogdensburg, N.Y., U.S.A.	37 7	6 5	3 6	7	5	3 sc.	Captain W. J. Murphy, Morrisburg, Ont.
130439	[8]Malton	Sarnia	1888	Detroit, Mich., U.S.A.	252 0	40 2	18 5	1,651	988	103 sc.	Alfred E. Mathews, Toronto, Ont.
107243	Mamie	New Westminster	1892	New Westminster, B.C.	32 0	6 0	3 0	5	4	1 sc.	A. M. Snider, Vancouver, B.C.
107875	Maneta	Lindsay	1900	Bobcaygeon, Ont.	66 0	13 4	3 8	34	23	40 sc.	Geo. A. Smith, Bobcaygeon, Ont.
121940	*Manetto*	Halifax	1906	Dartmouth, N.S.	57 5	16 7	7 0	29	21	3 sc.	Moses Boudrot, Eastern Harbour, N.S.
137977	*Manetto*	Montreal	1909	Pocomoke, Md., U.S.A.	64 9	16 9	7 1	39	36	2 sc.	Joseph Perrault, Montreal, Que.
116211	Manicouagan	Quebec	1899	Bic, Que.	50 2	13 0	5 0	29	19	3 sc.	Stewart H. Dunn, Quebec, Que.
94879	Manitoba ⊙	Montreal	1889	Owen Sound, Ont.	303 0	38 1	14 7	2,616	1,699	166 sc.	Canadian Pacific Railway Co., Montreal, Que.
107140	Manitou	Goderich	1903	Goderich, Ont.	137 2	24 2	9 1	470	297	42 sc.	Dominion Fish Co., Ltd., Winnipeg, Man.
111451	Manitou	Winnipeg	1900	Winnipegosis, Man.	92 0	18 8	6 4	108	59	7 sc.	H. Armstrong, Portage la Prairie, Man.
138294	*Manu Sena*	Vancouver	1916	North Vancouver, B.C.	43 0	7 5	4 9	13	9	2 sc.	Thomas M. Heard Ferry Company, North Vancouver, B.C.
93825	Manxman ⊙	Montreal	1888	Belfast, Ireland	430 7	45 2	22 1	4,827	3,122	520 sc.	R. Lawrence Smith, Limited, Montreal, Que.
112015	Maple Leaf	Port Arthur	1902	Rossport, Ont.	30 0	7 2	3 0	5	4	½ sc.	John Boon, Rossport, Ont.
107546	[2]*Maple Leaf*	St. Andrews	1892 / 1914	St. John, N.B. / St. Andrews, N.B.	32 8	11 8	5 4	12	7	1 sc.	Howard Rigby, St. Andrews, N.B.
103679	Maple Leaf	Toronto	1892	Toronto, Ont.	37 0	7 0	3 0	12	8	13 sc.	S. Brown, Bracebridge, Ont.
100033	[9]Maple Leaf	Toronto	1891	Toronto, Ont.	38 3	8 4	4 4	7	5	1 sc.	Hiram Robinson, Ottawa, Ont.
116938	Maple Leaf	Victoria	1905	Galiano Island, B.C.	32 0	8 0	3 4	9	5	1 sc.	James Wintermute, *et al.*, Ladysmith, B.C.
138356	*Maquilla*	Vancouver	1917	Vancouver, B.C.	35 0	10 3	4 4	9	6	1 sc.	Nootka Packing Company, Ltd., Vancouver, B.C.
130867	*Marawe*	New Westminster	1912	Steveston, B.C.	35 6	8 7	3 2	10	7	1 sc.	Malcolm R. Wells, Eburne, B.C.
134218	*Margalice*	Prince Rupert	1915	Vancouver, B.C.	33 0	10 4	5 1	11	7	1 sc.	Alfred Jansen, Prince Rupert, B.C.
122123	Margaret ⊙	Halifax	1907	Sheet Harbour, N.S.	92 8	19 6	8 6	195	100	27 sc.	The Halifax & Sheet Harbour Steamship Co., Ltd., Halifax, N.S.
135668	Margaret	Ottawa	1914	Woolston, G.B.	182 4	32 3	15 0	756	278	335 sc.	The Minister of Customs, Ottawa, Ont.
131016	Margaret A. Hackett	Montreal	1912	Quebec, Que.	99 3	24 0	9 2	192	83	56 sc.	George Hall Coal Company of Canada, Ltd., Montreal, Que.
138664	*Margaret B. Goreham*	Barrington Passage	1918	Port Clyde, N.S.	37 7	10 4	5 2	15	13	1 sc.	Edward Goreham, Woods Harbour, N.S.

131075	[2]*Margaret E.*	Lunenburg	1912	Tancook, N.S.	39 8	11 0	5 5	11	10	⅝ sc...	Michael G. Mosher, Souris, P.E.I.
130972	Margaret F.	Collingwood	1912	Collingwood, Ont...	56 2	11 5	5 0	31	19	6 sc...	John F. Monck, Hamilton, Ont.
138353	*Margaret Haney*	Vancouver	1917	Victoria, B.C.	240 5	43 8	18 9	1,372	800	14 sc...	Canada West Coast Navigation Co., Ltd., Vancouver, B.C.
126649	Margaret L.	Port Dover	1918	Port Dover, Ont.	60 3	15 7	6 2	40	25	10 sc...	Thomas H. Lowe, Port Dover, Ont.
130592	*Margaret M. Gray*	Halifax	1912	Mahone Bay, N.S.	54 2	13 4	8 5	25	23	1 sc ..	John M. Logan, Cariboo, N.S.
138025	*Margaret Q.*	Kenora	1914	Rainy River, Ont.	43 2	11 5	5 0	24	16	2 sc...	John A. Quick, Rainy River, Ontario.
126804	Margaretville	Annapolis Royal	1910	Margaretville, N.S..	93 3	20 8	8 6	107	46	19 sc...	Maritime Fish Corporation Ltd., Montreal, Que.
138543	*Margery Irene*	Lunenburg	1911	Tancook, N.S.	40 2	10 2	5 3	12	11	¼ sc...	Arthur Kirke, M.O., Pennant, N.S.
122262	*Margota*	Montreal	1902	Racine, Wis., U.S.A.	38 4	8 0	4 0	10	7	½ sc...	Sir R. Forget, Montreal, Que.
116699	Marguerite	Kenora	1902	Mine Centre, Ont.	28 0	8 2	4 0	6	4	⅝ sc...	M. H. and Robt. Smith, J. O. Fort Frances, Ont.
92510	Marguerite	St. Andrews	1877	Newbury, N.Y., U.S.A.	44 4	11 7	7 0	20	12	20 sc...	J. S. Gregory, St. John, N.B.
94848	Marguerite	Windsor, Ont.	1879	Detroit, Mich., U.S.A.	35 2	8 1	3 5	8	5	2 sc...	John Anderson, Windsor, Ont.
117176	*Marguerite*	Windsor, Ont.	1906	Windsor, Ont.	23 0	6 9	2 9	4	3	1 sc...	Joseph Parent, Windsor, Ont.
112027	Maria	Quebec	1901	Portneuf, Que.	49 2	13 6	4 8	31	21	6 sc...	W. J. Poupore, Montreal, Que.
134145	[1]Marian W.	Montreal	1890	Mount Clemens, Mich, U.S.A.	222 6	37 7	33 8	1,539	959	89 sc...	Steamer Marian W., Ltd., Quebec, Que.
117108	Marie	Ottawa	1902	Toronto, Ont.	33 5	8 5	3 0	4	4	¼ sc...	The O'Connor Steamboat & Hotel Co., Ltd., Toronto, Ont.
103816	Marie	Port Arthur	1895	Detroit, Mich., U.S.A.	34 7	7 0	3 6	3	2	2 sc...	The Rainy River Lumber Co., Ltd., Rainy River, Ont.
111498	Marie Alma	Quebec	1900	Roberval, Que.	64 0	14 2	5 0	52	36	4 sc...	Xavier Martel and Joseph Dufour, St. Michel de Mistassini, Que..
138690	[2]*Marie Barnard*	Vancouver	1917	North Vancouver, B.C.	243 0	44 0	19 2	1,476	1,235	36 sc...	Canada West Coast Navigation Co., Ltd., Vancouver, B.C.
111798	*Marie C.*	Port Hawkesbury	1917	Shelburne, N.S.	38 0	13 1	6 5	19	18	½ sc...	Alexander Boudrot, Petite de Grat, N.S.
130784	[2]*Marie H. LeBlanc*	Port Hawkesbury	1912	Margaree, N.S.	52 0	14 1	9 5	25	24	1 sc...	Gabriel Leblanc, Margaree, N.S.
107876	Marie Louise	Lindsay	1900	Lindsay, Ont.	51 7	14 8	5 2	32	15	3 sc...	Jos. Briggs Parkin, Lindsay, Ont.
92754	Marie Louise	Quebec	1889	Lévis, Que.	93 6	17 6	5 9	99	63	200 pa..	E. Gagnon, Ste. Anne de Chicoutimi, Que.
111627	Marie Louise	Quebec	1896	Trois Rivière, Que.	37 7	7 6	3 7	6	5	1 sc...	Joseph Veilleux, Alma Ville, Shawenegan Falls, Que.
131003	[2]*Marie Noela*	Chatham, N.B.	1914	Caraquet, N.B.	36 0	12 0	5 0	12	11	1 sc...	Fabien D. Landry, Caraquet, N.B.
121662	Marie Stella	Quebec	1905	St. Alexis, Que.	45 6	12 8	5 4	24	16	10 sc...	Joseph Pagé, St. Alexis, Que.
130772	Mariel	Sault Ste. Marie	1883	Chicago, Ill., U.S.A.	66 0	13 5	7 6	49	8	17 sc...	Stephen Shipman, Sault Ste. Marie, Ont.
103935	Marietta	Chatham, N.B.	1897	Chatham, N.B.	44 6	9 3	3 9	7	5	2 sc...	Jos. L. Phillips, Mira Gut, N.S.
133884	*Marine Express No. 1*	Vancouver	1913	Vancouver, B.C.	73 0	14 5	6 5	65	44	7 sc...	Marine Navigation & Engineering Co., Ltd., Vancouver, B.C.
85657	Marion	Halifax	1876	New York, N.Y., U.S.A.	142 4	26 5	8 0	478	269	49 pa..	Bras d'Or Steamboat Co., Ltd., North Sydney, N.S.
116946	Marion	Kenora	1904	Prince Albert, Sask.	64 0	12 0	2 8	32	21	1 sc...	Rich. Deacon, Prince Albert, Sask.
117074	*Marion*	Toronto	1905	Sombra, Ont.	34 7	10 0	3 8	9	6	½ sc...	W. F. Ball, Sombra, Ont.
122527	*Marion*	Vancouver	1907	Vancouver, B.C.	36 0	9 0	4 5	13	9	1½ sc...	John Cowdry, McLeod, Alberta.
116318	[4]Marion E. Trotter	Amherstburg	1881 1908	Detroit, Mich., U.S.A. Amherstburg, Ont.	69 6	16 5	8 4	49	36	13 sc...	Frederick J. Trotter, Amherstburg, Ont.
116682	Marion Irving	Richibucto	1908	Buctouche, N.B.	60 2	15 2	6 0	41	22	6 sc...	John H. Kelley, New Carlisle, Que.
130283	*Marion I.*	St. Catharines	1912	Buffalo, N.Y., U.S.A.	50 2	11 5	5 3	19	13	2 sc...	Geo. Snyder, Bertie, Ont.
122151	*Mariposa*	Vancouver	1906	Vancouver, B.C.	22 8	6 9	3 0	4	3	½ sc...	Thomas Foster, Vancouver, B.C.
130979	Mariska	Collingwood	1890	Cleveland, Ohio, U.S.A.	297 0	40 3	21 2	2,502	1,875	252 sc...	J. F. M. Stewart, Toronto, Ont. and L. C. Herdman, Montreal, Que.
121935	*Marita*	Halifax	1905	Dartmouth, N.S.	29 0	4 5	3 0	3	2	1⅛ sc...	David R. Turnbull, Halifax, N.S.
126829	[2]*Mark Twain*	Lunenburg	1910	Lunenburg, N.S.	42 8	10 6	5 6	12	11	¼ sc...	William Wight, Blue Rocks, N.S.
111873	Markland	Yarmouth	1902	Yarmouth, N.S.	47 0	12 6	5 0	22	15	6 sc...	C. S. P. Robbins and R. S. McKay, J.O., Yarmouth, N.S.
138708	*Markwell*	Vancouver	1918	Sea Island, B.C.	35 9	10 5	4 5	11	7	1½ sc...	John and James Martin, J.O., Vancouver, B.C.
122615	Marlton	Goderich	1914	Goderich, Ont.	62 0	16 0	8 8	64	44	24 sc...	William Marlton and Wm. L. Horton, Goderich, Ont., J.O.
102622	Marmion	Vancouver	1893	Bowling, G.B.	140 0	24 0	10 5	324	124	70 sc...	Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.
83160	Marmora	Belleville	1896	Marmora, Ont.	35 0	8 7	4 5	13	9	6 sc...	Geo. B. Blocker, Marmora, Ont.
116973	Marshall W.	Chatham, N.B.	1905	Chatham, N.B.	31 4	10 3	3 0	6	4	4 sc...	W. A. Bryenton, Derby, N.B.
100871	Martello	St. John, N.B.	1893	Jemseg, N.B.	51 5	13 0	6 0	34	23	11 sc...	Murray McL. Holly and Alexander B. Holly, St. John, N.B.
111768	Martha	Kingston	1902	Kingston, Ont.	28 6	6 7	2 8	2	2	5 sc...	Mrs. Martha Wessels, Kingston, Ont.
137899	[5]Martha Stewart	Toronto	1899	Buffalo, N.Y., U.S.A.	58 0	16 0	6 0	52	32	27 sc...	Glyn Osler and Miller Lash, Toronto, Ont., J.O.
131057	[6]Martian ⊙	Port Arthur	1901	Wyandotte, Mich., U.S.A.	349 0	44 5	24 0	3,396	2,010	161 sc...	Canada Steamship Lines, Ltd., Montreal, Que.
126340	*Marvel S.*	Vancouver	1909	Vancouver, B.C.	33 0	9 4	4 5	13	9	⅝ sc...	Mrs. Agnes Asser, Victoria, B.C.
126220	Marvis	Vancouver	1908	Vancouver, B.C.	56 6	17 6	7 7	69	47	22 sc...	Pacific Construction Co., Ltd., Vancouver, B.C.
121772	Marvyl	Winnipeg	1905	The Landing, Manitoba.	120 0	26 0	8 0	225	153	27 sc...	Manitoba Gypsum Co., Ltd., Winnipeg, Man.
71214	Mary	Montreal	1875	Port Huron, Mich., U.S.A.	65 4	16 0	8 6	53	34	37 sc...	Montreal Transportation Co., Ltd., Montreal, Que.

[1] Formerly "Byron Whitaker." [2] Formerly a sailing vessel. [3] Foreign name "Charlotte S." [4] Formerly "Owen." [5] Foreign name "A. M. Stewart." [6] Foreign name "Mars."
[8] Foreign name "E. M. Peck." [9] Formerly "Sountag"

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths — Longueur en pieds et 10es	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
117027	*Mary*	Sydney, N.S.	1905 1913	Mahone Bay, N.S. Sydney, N.S.	49 2	14 8	6 6	28	24	2 sc.	Job W. Dobson, Sydney, N.S.
61154	Mary A. Laughlin	Toronto	1871	Buffalo, N.Y., U.S.A.	48 0	10 5	5 0	23	12	42 sc.	Thomas Gauthier, Montreal, Que.
77550	Mary Ann	Pietou, N.	1880	Wallace, N.S.	50 5	12 3	6 7	25	17	40 sc.	O. Smith, Richibucto, N.B.
92647	Mary Arnott	Wallaceburg	1886	Midland, Ont.	31 0	10 0	3 2	8	6	1 sc.	D. Lowrey, Brantford, Ont.
94911	[7]Mary Battle	Montreal	1888	Southampton, Ont.	130 0	26 0	9 4	275	187	44 sc.	Maritime Wrecking & Salvage Co., Ltd., Montreal, Que.
120599	*Mary Blanche*	Parrsboro'	1912	Port Greville, N.S.	61 2	16 0	6 0	44	25	2½ sc.	Charles T. White & Son, Ltd., East Apple River, N.S.
117026	*Mary E. Daisley*	Sydney, N.S.	1905	Aspy Bay, N.S.	54 3	12 5	4 3	17	16	½ sc.	A. Daisley, Dingwall, N.S.
103821	Mary Ellen	Cornwall	1896	Cornwall, Ont.	57 4	13 4	8 8	20	14	6 sc.	J. Jessmer and M. Jessmer, Cornwall, Ont.
72966	Mary Ethel	Picton, Ont.	1879	Trenton, Ont.	93 0	15 0	5 4	99	56	80 pa.	Trenton & Bay of Quinté Nav. Co., Ltd., Trenton, Ont.
107839	Mary F. Graff	Victoria	1898	Seattle, Wash., U.S.A.	177 6	35 7	6 0	864	544	26 pa.	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
134164	Mary H. Cann	Yarmouth	1914	Mahone Bay, N.S.	69 4	17 4	7 4	58	24	14 sc.	Hugh Cann & Son, Ltd., Yarmouth, N.S.
131187	Mary I. Robertson	Peterboro	1914	Glen Ross, Ont.	37 0	11 6	4 2	8	5	2 sc.	Fred. A. Robertson and Paul J. Maloney, Cornwall, Ont.
133669	*Mary K.*	Halifax	1913	Tancook, N.S.	45 0	11 4	5 8	15	12	1 sc.	Simeon Guyetche *et al.*, River Bourgeoise, N.S.
122345	Mary L.	Toronto	1907	Penetang, Ont.	40 0	10 0	4 6	10	6	6 sc.	Theophile Light, Penetanguishene, Ont.
111769	[4]Mary Louise	Kingston	1902	Portland, Ont.	77 2	18 6	4 2	60	30	3 sc.	Jehoida Coon, Morton, Ont.
141027	*Mary M. Christopher*	Vancouver	1918	N. Vancouver, B.C.	45 2	15 5	6 7	28	12	2⅔ sc.	Jacob W. Christopher *et al.*, J.O., North Vancouver, B.C.
131071	*Mary Maude*	Lunenburg	1912	West Dover, N.S.	40 2	10 0	5 5	11	10	½ sc.	George Johnson, West Dover, N.S.
121825	Mary P. Hall	Montreal	1898	Ogdensburg, N.Y., U.S.A.	82 2	20 3	10 2	104	43	42 sc.	The Montreal Transportation Co., Ltd., Montreal, Que.
97019	Mary R.	St. Catharines	1897	Port Colborne, Ont.	47 3	16 0	9 6	44	30	27 sc.	Allen J. Brydges, Cornwall, Ont.
137927	*Mary Rae*	Chatham, N.B.	1915	Tracadie, N.B.	42 0	9 5	4 8	12	10	1 sc.	W. S. Loggie Co., Ltd., Chatham, N.B.
130331	Mary Sullivan	Chatham, N.B.	1910	Douglastown, N.B.	53 0	11 6	5 0	29	18	8 sc.	William M. Sullivan, Red Bank, N.B.
138587	*Mary S. T. La*	St. John, N.B.	1914	Pré d'en haut, N.B.	61 5	20 0	4 7	49	33	1 sc.	Sifroid Gautreau, Pré d'en haut, N.B.
137923	*Mary Swan*	Chatham, N.B.	1915	Escuminac, N.B.	34 0	11 3	5 0	12	10	1 sc.	Donald A. A. Jenkins and William A. Jenkins, Escuminac, N.B.
130550	*Mary Winnie*	Vancouver	1911	Vancouver, B.C.	34 8	9 5	4 0	10	7	1 sc.	Hugh M. Wood, North Arm, Burrard Inlet, B.C.
121913	*Mascot*	Kenora	1900	Detroit, Mich., U.S.A.	36 0	8 0	3 0	8	7	1 sc.	George Drewry, Kenora, Ont.
94764	Mascott	Owen Sound	1890	Meaford, Ont.	52 9	12 5	4 9	21	14	20 sc.	James Pilgrim, Meaford, Ont.
103549	Mascotte	Lunenburg	1896	Dartmouth, N.S.	57 7	14 2	6 0	35	24	18 sc.	G. W. Naas, Lunenburg, N.S.
100396	Masonic	Hamilton	1893	Hamilton, Ont.	58 4	10 6	3 9	39	26	25 sc.	William C. Gidley, Hamilton, Ont.
141173	Masset	New Westminster	1918	New Westminster, B.C.	115 1	23 5	12 5	245	91	56 sc.	Imperial Munitions Board, Ottawa, Ont.
138076	*Masson*	Ottawa	1917	Masson, Que.	36 0	20 0	3 2	14	10	2 sc.	Alphonse Laflamme, Masson, Que.
129529	[8]Mastodon	Vancouver	1910	Renfrew, G.B.	200 3	36 6	12 8	748	435	108 sc.	The Minister of Public Works, Ottawa, Ont.
131018	*Matane*	Quebec	1913	Sandy Bay, Que.	41 5	13 2	5 3	18	15	¾ sc.	Louis E. Vereault, Meechin, Que.
117193	Mather	Kenora	1905	Toronto, Ont.	87 5	19 0	10 5	145	98	32 sc.	Keewatin Lumber Co., Ltd., Keewatin, Ont.
126868	[5]Matheson	Sault Ste. Marie	1877	Rocky River, O., U.S.A.	42 0	8 6	5 0	20	10	2 sc.	Wm. H. Burkholder and Harvey S. Holmes, J.O., Sault Ste. Marie, Ont.

107416	Mathilda	Montreal	1899	Sorel, Que	72 0	20 1	10 4	114	69	21 sc.	Sincennes-McNaughton Line, Ltd., Montreal, Que.
130676	[4]*Matilda H.*	Lunenburg	1906	Tancook, N.S.	40 0	10 1	5 2	12	11	½ sc.	Joseph Umlah *et al*, Terrence Bay, N.S.
130459	Matsqui	Vancouver	1911	Vancouver, B.C.	82 3	21 0	8 2	113	77	10½ sc.	The Vancouver Portland Cement Co., Ltd., Victoria, B.C.
134115	*Matsue*	New Westminster	1913	Steveston, B.C.	42 8	9 5	5 0	17	11	1 sc.	Takunosuke Kimoto, Steveston, B.C.
131061	[4]*Mattapez*	Lunenburg	1912	Tancook, N.S.	42 0	10 3	5 3	12	11	½ sc.	David Burke, East Dover, N.S., M.O.
130261	*Mattawapika*	Ottawa	1910	Callendar, Ont.	42 0	8 8	3 8	12	8	2 sc.	The Montreal River Transportation Co., Ltd., Toronto, Ont.
122213	*Mattie*	Toronto	1903	Toronto, Ont.	22 0	5 7	2 7	2	1	⅝ sc.	Clarence Meredith Hincks, Toronto, Ont.
112202	Maud	Hamilton	1905	Hamilton, Ont.	32 5	7 0	3 6	4	3	⅝ sc.	D. Reynolds, Dundas, Ont.
107386	Maud	Ottawa	1898	Grand Rapids, Mich., U.S.A.	16 0	3 8	1 8	1	1	1 sc.	G. W. Smith, Gatineau Point, Que.
69615	Maud	Quebec	1874	New Liverpool, Que.	72 5	15 8	5 7	54	34	41 pa.	Antoine St. Pierre, Three Rivers, Que.
126503	Maud Allan	Victoria	1909	Long Lake, B.C.	39 0	8 1	3 2	10	7	½ sc.	Johnston & Carswell, Ltd., Long Lake, B.C.
107172	Maud C.	Port Arthur	1897	Rossport, Ont.	30 0	9 2	.....	5	3	1 sc.	Thos. Craigie, Rossport, Ont.
116753	Maud D.	Toronto	1904	Penetanguishene, Ont.	71 3	15 6	6 0	81	51	11 sc.	Walter G. Lumbers, Toronto, Ont.
116481	Maude	Wallaceburg	1902	Wallaceburg, Ont.	60 2	13 5	5 0	19	13	3 sc.	William H. Biden, *et al.*, J.O., Chatham, Ont.
116456	Maude Annis	Vancouver	1903	Annis, B.C.	56 0	12 5	4 7	23	15	4 sc.	The Lamb-Watson Lumber Co., Ltd., Winnipeg, Man.
107812	Maude Moore	Peterborough	1899	Peterborough, Ont.	42 0	8 4	3 5	9	6	12 sc.	W. J. Snodgrass, Okanagan Falls, B.C.
122522	Mavourneen	Vancouver	1907	Vancouver, B.C.	32 4	9 3	3 6	13	9	½ sc.	Wm. Stamberg and W. L. Cameron, Vancouver, B.C.
134095	Mavrick	Vancouver	1914	Vancouver, B.C.	35 0	9 6	4 2	16	11	1 sc.	John J. Raine, Vancouver, B.C.
138615	Max Aitken	Chatham, N.B.	1918	Newcastle, N.B.	92 0	17 9	5 5	83	36	12 sc.	The Newcastle Steamboat Co., Ltd., Newcastle, N.B.
97109	Max L.	Port Burwell	1911	Port Burwell, Ont.	67 5	15 0	7 2	40	27	5 sc.	Geo. A. Van Order, Port Burwell, Ont.
107162	Maxie	Toronto	1898	Meaford, Ont.	44 0	11 2	3 8	16	11	2½ sc.	Patrick J. McSherry, Toronto, Ont.
126001	Maxwell A.	Southampton	1891 1909	West Bay City, Mich., U.S.A. Southampton, Ont.	80 0	21 0	7 3	98	66	24 sc.	Donald McAulay, Southampton, Ont.
111667	May	Montreal	1893	Middleton, Conn., U.S.A.	56 4	11 4	4 0	21	15	5 sc.	W. D. B. Scott, Montreal, Que
85292	[1]May	Quebec	1881 1899	Buffalo, N.Y., U.S.A. Montreal, Que.	44 0	12 2	5 8	21	14	7 sc.	M. J., and W. J. Hackett, J.O., Quebec, Que.
107460	*May*	Vancouver	1899	Vancouver, B.C.	29 0	8 7	3 3	8	5	1 sc.	Judson F. Clark, Vancouver, B.C.
97105	May B.	Port Burwell	1900 1901	Port Burwell, Ont.	49 0	10 1	3 6	10	6	6 sc.	C. C. Bates, Clear Creek, Ont.
122356	*May C.*	Kingston	1907	Gananoque, Ont.	29 9	6 6	2 7	4	2	1 sc.	Erastus F. Cooke, Gananoque, Ont.
103929	May Flower	Peterborough	1897	Peterborough, Ont.	25 5	6 4	3 0	6	4	5 sc.	Elizabeth Donnell, Peterborough, Ont.
97065	May Queen	Pictou, N.S.	1892	Charlottetown, P. E. I.	53 3	16 0	5 8	36	18	40 sc.	Fred. Magee, Ltd., Port Elgin, N.B.
94987	Mayflower	Toronto	1890	Toronto, Ont.	140 2	28 2	6 8	189	119	29 pa.	The Toronto Ferry Co., Ltd., Toronto, Ont.
140986	*Mayflower No. 3*	New Westminster	1918	Steveston, B.C.	38 3	8 5	3 9	11	7	1½ sc.	Kuni Saburo Murao, Steveston, B.C.
130769	*Mayhue*	Kingston	1909	Wolfe Island, Ont.	25 0	6 2	2 4	2	2	1 sc.	Mrs. Laura L. Hinckley, Wolfe Island, Ont.
138270	Mayita	Quebec	1899	New York, U.S.A.	118 1	16 4	9 1	112	63	51 sc.	A. Wilfrid Bédard, Quebec, Que.
85521	Mazeppa	Hamilton	1884	Toronto, Ont.	101 0	20 0	5 7	146	87	50 sc.	Lawrence Solman, Toronto, Ont.
90483	Meadow Flower	Halifax	1885	Dartmouth, N.S.	33 0	9 0	3 5	7	4	6 sc.	E. C. Whitman, Canso, N.S.
126428	*Meander*	Vancouver	1909	Vancouver, B.C.	35 0	8 6	3 7	11	7	1 sc.	Alfred C. Thompson, Vancouver, B.C.
100754	Medora	Toronto	1893	Gravenhurst, Ont.	142 6	25 6	8 5	377	256	30 sc.	The Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto, Ont.
121939	*Meg*	Halifax	1906	Dartmouth, N.S.	17 5	5 8	3 0	2	1	⅓ sc.	Dr. F. Gordon Zwicker, Halifax, N.S.
131012	Mekinac	Quebec	1912	Three Rivers, Que.	70 8	27 2	5 3	65	23	9½ pa.	Robert F. Grant, Three Rivers, Que.
99833	Melmore	Vancouver	1892	Port Glasgow, G.B.	156 2	25 8	11 3	424	180	96 sc.	T. W. B. London, Vancouver, B.C.
121212	[3]Melville Dollar	Vancouver	1905	Port Glasgow, G.B.	370 0	50 0	26 7	4,304	2,804	241 sc.	Dollar Steamship Lines, Ltd., Vancouver, B.C.
111917	Menodora	Midland	1901	Midland, Ont.	67 5	16 0	6 3	73	50	20 sc.	Midland Towing & Wrecking Co., Ltd., Midland, Ont.
138501	*Menzies*	Montreal	1917	Sanmaur, Que.	37 7	6 9	1 6	7	4	1 sc.	The St. Maurice Construction Co., Ltd., Montreal, Que.
111590	Mermaid	Peterborough	1901	Millbrook, Ont.	32 3	7 3	3 2	11	7	5 sc.	Dr. Henry A. Turner, Millbrook, Ont.
74264	Merrimac	Sydney, N.S.	1876	Quebec, Que.	73 5	17 6	10 0	86	26	80 sc.	Merrimac Co., Ltd., Halifax, N.S.
130452	*Merry Sea*	Vancouver	1911	Vancouver, B.C.	54 3	10 0	5 0	25	17	4 sc.	The Minister of the Naval Service, Ottawa, Ont.
116590	Mersey	Chatham, N.B.	1904	Liverpool, N.S.	69 6	15 6	6 9	42	29	16 sc.	The Northern Dredging & Construction Co., Loggieville, N.B.
130342	*Mersyde*	Charlottetown	1911	Summerside, P.E.I.	63 8	16 0	5 6	40	34	½ sc.	David A. Pickering, Summerside, P.E.I.
133924	*Merveil*	Chatham, N.B.	1913	Lamek, N.B.	45 0	11 4	5 5	17	12	1 sc.	Arthur Hache, Lamek, N.B.
138129	*Meryl*	New Westminster	1916	Steveston, B.C.	42 0	8 6	4 6	13	9	1 sc.	Kamekichi Yamashita, Steveston, B.C.
140924	Messines ⊙	Ottawa	1917	Toronto, Ont.	130 0	23 5	13 5	320	204	59 sc.	The Minister of the Naval Service, Ottawa, Ont.

[1]Formerly "W. F. Logie." [3]Formerly "Hazel Dollar." [4]Formerly a sailing vessels. [7]Formerly "Lillie Smith." [8]Formerly "No. 508." [9]Foreign name "Antelope."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
107950	Meteor	Cornwall	1902	Port Robinson, Ont.	52 0	16 4	9 1	47	32	10 sc.	The Port Colborne Tug Co., Ltd., Port Colborne, Ont.
107084	Meteor	Ottawa	1897	Opomican, Que.	130 5	27 0	7 4	299	204	165 sc.	La Compagnie de Navigation, Ville Marie, Que.
134091	*Metra*	Vancouver	1914	Vancouver, B.C.	61 1	14 0	6 0	48	33	3 sc.	The Minister of the Interior, Ottawa, Ont.
138573	Miami	Windsor, Ont.	1888	Marine City, Mich., U.S.A.	131 0	27 5	8 2	278	144	38½ sc.	T. J. Stockwell, *et al.*, Chatham, Ont.
130821	[4]*Mianus*	Lunenburg	1912	Tancook, N.S.	45 2	10 8	6 0	15	14	½ sc.	David Duggan, M.O., East Dover, N.S.
126960	*Miawa*	Vancouver	1911	Victoria, B.C.	48 0	12 6	5 8	25	15	3½ sc.	McLennan, McFeely & Co., Ltd., *et al.*, Vancouver, B.C.
112055	Michael Davitt	Montreal	1885	Tonawanda, N.Y., U.S.A.	52 8	13 6	6 4	28	19	8½ sc.	Montreal General Contracting Co., Ltd., Montreal, Que.
94843	[5]Michipicoten	Sault Ste. Marie	1883	Detroit, Mich., U.S.A.	117 0	21 0	9 5	403	236	33 sc.	The North America Bent Chair Co., Owen Sound, Ont.
134227	[6]*Micmac*	Montreal	1911	St. Joseph, Mich., U.S.A.	40 5	8 8	3 8	10	9	2 sc.	David McAndrew, Montreal, Que.
103575	[7]Midland	Midland	1896	Midland, Ont.	62 0	13 0	6 8	56	38	12 sc.	Manley Chew, Midland, Ont.
116661	Midland King ⊙	Midland	1903	Collingwood, Ont.	366 5	48 0	28 0	3,965	2,450	151 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
116669	Midland Prince ⊙	Midland	1907	Collingwood, Ont.	486 0	55 0	27 0	6,133	4,560	136 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
107503	Mignon	Quebec	1894	Quebec, Que.	23 8	6 2	2 7	2	2	1½ sc.	C. G. Plamondon, Quebec, Que.
111426	Mikado	Halifax	1902	Dartmouth, N.S.	61 3	17 6	5 7	44	30	75 sc.	Acadia Sugar Refining Co., Ltd., Halifax, N.S.
103667	Mikado	Winnipeg	1897	Kenora, Ont.	40 0	10 3	4 4	25	17	1 sc.	Mikado Gold Mining Co., Kenora, Ont.
100666	Mildred	Belleville	1895	Gananoque, Ont.	34 5	7 8	3 0	5	3	9 sc.	J. A. Wheeler, Belleville, Ont.
103267	Mildred	St. John, N.B.	1897	Cambridge, N.B.	54 0	14 7	7 0	40	27	13 sc.	Walter E. Wasson, Parrsboro, N.S.
116265	Mildred	Toronto	1903	Toronto, Ont.	70 0	10 0	3 5	39	25	10 sc.	E. R. Wood, Toronto, Ont.
133783	*Mildred McColl*	St. Andrews	1912	East Boothbay, Maine, U.S.A.	58 0	12 4	6 6	35	24	3 sc.	The Minister of the Naval Service, Ottawa, Ont.
122201	*Milicete*	Amherst, N.S.	1906	Port Hawkesbury, N.S.	70 0	15 0	6 3	53	45	8½ sc.	Nathaniel Curry, Amherst, N.S.
138032	*Milida*	Barrington Passage	1916	Port Clyde, N.S.	35 9	9 8	5 2	13	12	⅝ sc.	Seaton Powell and Leroy Slate, Upper Port La Tour, N.S.
111978	Milkmaid	New Westminster	1901	Vancouver, B.C.	31 6	8 7	3 4	7	5	½ sc.	Eusibio Mochabe, *et al.*, New Westminster, B.C.
107305	Millie K	Windsor, N.S.	1900	Whitewater, N.S.	48 0	13 0	5 2	20	7	10 sc.	James D. Ells, Kingsport, N.S.
111856	Mills	Owen Sound	1903	Owen Sound, Ont.	38 0	9 0	4 0	11	7	2 sc.	Norman Trotter, Little Current, Ont.
131218	*Mimosa*	Sydney, N.S.	1911	Sydney, N.S.	25 2	6 9	3 8	4	4	⅛ sc.	Cyril G. Rockett, Sydney, N.S.
125773	Mina Brea ⊙	Toronto	1909	Greenock, G.B.	360 3	49 2	26 5	4,145	2,566	409 sc.	International Petroleum Co., Ltd., Toronto, Ont.
126529	Mina G	Ottawa	1910	Horseshoe Bay, Que.	45 0	13 2	5 7	23	14	4 sc.	The Minister of Public Works, Ottawa, Ont.
126174	*Mina W*	Vancouver, B.C.	1908	Steveston, B.C.	35 5	9 1	3 7	7	5	⅝ sc.	Alexander J. Leitch, Vancouver, B.C.
130720	Minaki	Kenora	1914	Kenora, Ont.	59 7	13 4	5 0	53	36	3 sc.	Russell E. Doucett, Kenora, Ont.
130715	Minasin	Kenora	1911	The Pas, Man.	60 0	13 2	5 0	38	26	6 sc.	George R. Bancroft, The Pas, Man.
134247	Minga	Toronto	1903	New York, N.Y., U.S.A.	56 0	10 5	4 3	20	13	5 sc.	Mrs Lillian M. Treble, Toronto, Ont.
107361	Minitaga	Toronto	1898	Midland, Ont.	77 3	16 5	8 4	73	29	28 sc.	Robert Weddell, Trenton, Ont.
103881	Mink	Ottawa	1896 1911	Gordon Creek, Que. Aylmer, Que.	51 2	16 0	3 5	26	17	2 pa.	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
131085	Mink	Toronto	1912	Gravenhurst, Ont.	78 0	14 5	4 9	89	60	10 sc.	Wm. Hanna, *et al.*, J.O., Port Carling, Ont.

96981	Minnehaha	New Westminster	1890	New Westminster, B.C.	37 0	6 5	3 0	7	5	1 sc.	James Hunter, Victoria, B.C.
112078	Minneola	Kenora	1893	Owen Sound, Ont.	32 0	7 5	3 0	9	6	1 sc.	Glass Reef Gold Mining Co., Ltd., Little Mountain, Ont.
112178	Minnette	Toronto	1899	Owen Sound, Ont.	36 0	6 2	2 7	4	3	1 sc.	A. F. Bailey, Fox Point, Ont.
112330	Minnicog	Midland	1902	Collingwood, Ont.	56 0	9 6	9 4	35	24	5 sc.	D. S. Pratt, Midland, Ont.
121725	*Minnie*	Vancouver	1906	Sunbury, B.C.	32 0	10 8	4 6	13	9	2 sc.	Charles Ashenpelter, Courtenay, B.C.
116362	Minnie A. Clark	Goderich	1903	Goderich, Ont.	69 3	15 0	6 5	36	25	11 sc.	Dominion Fish Co., Ltd., Winnipeg, Man.
116662	Minnie C.	Midland	1904	Midland, Ont.	34 0	8 5	4 0	7	5	1 sc.	James Crawford, Moon River, P.O., Parry Sound, Ont.
122234	[3]*Minnie Laura*	Barrington Passage	1907	Clarks Harbour, N.S.	36 0	10 8	6 3	11	10	⅔ sc.	B. I. Walters, Halifax, N.S.
122419	Minnie Martin	Midland	1908	Midland, Ont.	50 8	12 0	5 7	30	12	4 sc.	Mrs. Mary Martin ,Midland, Ont.
107468	Minnie May	Lindsay	1894	Coboconk, Ont.	42 5	8 0	3 0	10	8	5 pa.	John R. Philips, Coboconk, Ont.
126672	Minnie W.	Port Arthur	1911	Fort William, Ont.	63 0	14 2	8 0	57	34	10 sc.	The Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
126913	Minoca	Halifax	1910	Dartmouth, G.B.	83 5	19 1	9 4	110	48	28 sc.	The Minister of Agriculture, Ottawa, Ont.
126602	[1]Minoru	Chatham, N.B.	1904	Baltimore, Md., U.S.A.	95 0	20 6	9 5	148	81	45 sc.	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
133664	*Minora*	Halifax	1909	Digby, N.S.	22 7	5 8	3 2	2	1	⅔ sc.	Frederick J. Ward, Halifax, N.S.
100032	Minota	Toronto	1891	Toronto, Ont.	65 5	11 2	5 7	29	19	5 sc.	The Huntsville Lake of Bays & Lake Simcoe Navigation Co., Ltd., Huntsville, Ont.
126928	*Minouche*	Quebec	1908	Roberval, Que.	35 0	8 0	2 8	11	7	1 sc.	Simon Cimon, Roberval, Que.
107453	Minto	Vancouver	1898	Nakusp, B.C.	161 7	30 1	5 1	829	522	17 pa.	Canadian Pacific Railway Co., Montreal, B.C.
126792	*Mio*	New Westminster	1910	Steveston, B.C.	34 4	8 0	3 0	6	4	⅚ sc.	Bunichi Hamade, Steveston, B.C.
130870	*Miono*	New Westminster	1911	New Westminster, B.C.	30 0	6 6	2 0	5	3	1 sc.	Russel Jaynes, New Westminster, B.C.
133731	*Miowera*	Vancouver	1910	Vancouver, B.C.	35 5	9 3	5 0	12	8	1 sc.	Mrs. Florence H. Gibbon, North Vancouver, B.C.
88666	Miramichi	Chatham, N.B.	1885	Chatham, N.B.	85 7	17 3	6 9	72	49	25 sc.	Miramichi Steam Navigation Co., Chatham, N.B.
92282	Mischief	Owen Sound	1886	Owen Sound, Ont.	31 0	9 0	4 8	9	6	5 sc.	H. E. C. Carey, Bruce Mines, Ont.
134553	Miseford	Port Burwell	1915	Welland, Ont.	80 0	20 0	9 5	114	40	24 sc.	Alvin J. Misener and Erwin G. Tedford, J.O., Port Burwell, Ont.
107689	*Miss Vandenburg*	Prescott	1909	Wilmington, Del., U.S.A.	99 8	20 9	9 0	266	181	10 sc.	Prescott & Ogdensburg Ferry Co., Ltd., Prescott, Ont.
134235	*Missie*	Montreal	1914	Montreal, Que.	38 8	9 0	6 1	12	11	2 sc.	John P. O'Shea, Montreal, Que.
112279	Missisquoi	Brockville	1903	Noyan, Que.	95 4	19 2	6 0	152	87	16 sc.	Rockport Navigation Co., Ltd., Rockport, Ont.
121781	Mississippi	Ottawa	1905	Carleton Place, Ont.	36 2	7 7	3 6	4	3	¾ sc.	Nathaniel C. McAllister, Carleton Place, Ont.
107513	Mist	Victoria	1897	Seattle, Wash., U.S.A.	46 7	12 0	3 9	29	20	10 sc.	Gavin Lawson, Victoria, B.C., and Robert W. Minto, Vancouver, B.C.
134550	Mistango	Ottawa	1915	Low Bush, Ont.	66 8	16 0	4 8	72	39	11 pa.	Abitibi Power & Paper Co., Ltd., Montreal, Que.
100854	Mistassini	Quebec	1891	Roberval, Que.	130 0	22 4	8 2	235	148	200 pa.	B. A. Scott, Roberval, Que.
126550	*Miyako*	Vancouver	1909	Steveston, B.C.	56 4	14 0	4 7	31	18	4 sc.	Gulf Islands Fishing & Canning Co., Ltd., Vancouver, B.C.
94982	Mizpah	Owen Sound	1889 1909	Toronto, Ont. Owen Sound, Ont.	51 0	10 6	4 4	28	20	3 sc.	David Rumley, Owen Sound ,Ont.
134292	*Mizuho*	New Westminster	1914	Steveston, B.C.	25 0	8 4	4 0	10	7	1 sc.	Fujimatsu Takenchi, Steveston, B.C.
85330	Mocking Bird	Owen Sound	1886	Toronto, Ont.	72 0	11 8	4 2	38	26	20 sc.	P. McArthur, Westbourne, Man
137897	Modello	Toronto	1915	Kingston, Ont.	66 4	12 2	4 8	46	29	6 sc.	The Lake Simcoe Navigation Company, Ltd., Toronto, Ont.
96058	Modjeska	Hamilton	1889	Yoker, G.B.	178 0	31 1	12 3	678	461	180 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
133744	Mohawk Belle	Toronto	1913	South Portage, Ont.	94 0	19 5	7 5	167	103	12 sc.	The Huntsville, Lake of Bays, & Lake Simcoe Navigation Co., Ltd., Huntsville, Ont.
103396	Mohawk Queen	Deseronto	1904	Foresters Island, Ont.	44 6	9 0	4 0	16	11	2 sc.	Robert Weddell, Trenton, Ont.
103927	Mollie	Peterborough	1897	Lakefield, Ont.	41 0	6 6	2 5	11	7	6 sc.	J. J. McBain, Peterborough, Ont.
138178	[9]*Mollie G.*	Prince Rupert	1894	Hoquiam, Wash., U.S.A.	42 7	14 3	4 7	20	13	2 sc.	Andrew C. Gillen, Vancouver, B.C.
111851	Mollie S.	Owen Sound	1901	Owen Sound, Ont.	68 0	12 7	5 0	45	27	9 sc.	Pankhurst Manary, Lions Head, Ont.
137941	*Mollusk*	Vancouver	1915	Vancouver, B.C.	39 0	10 7	4 6	14	10	2 sc.	Peter Seellis, Vancouver, B.C.
138696	*Mona II*	Vancouver	1914	Vancouver, B.C.	27 8	7 8	2 8	8	5	½ sc.	Herbert Simpson, Vancouver, B.C.
95509	Monaco	Montreal	1888	Hampton, G.B.	41 8	8 3	3 6	10	6	6 sc.	J. H. Garth, Montreal, Que.
111886	Monarch	Peterborough	1906	Gore's Landing, Ont.	84 0	14 0	5 7	73	50	6 sc.	The Lake Simcoe Nav. Co., Ltd., Toronto, Ont.
126350	*Monarch I.*	Barrington Passage	1915	Clarks Harbour, N.S.	44 0	12 0	5 6	17	16	⅝ sc.	Herbert Wall, Yarmouth, N.S.
100925	[2]Moneta	Ottawa	1888	Ottawa, Ont.	20 0	5 2	2 2	1	1	2 sc.	R. Lamb and J. Robertson, Ottawa,'Ont.
107891	Monitor	Montreal	1899	Montreal, Que.	60 5	16 6	7 2	62	39	14 sc.	The Minister of Pubic Works, Ottawa, Ont.
130295	*Monobel*	Vancouver	1910	Vancouver, B.C.	40 1	9 6	5 0	14	10	2 sc.	Canada Explosives, Ltd., Montreal, Que.
111955	*Monoloa*	New Westminster	1903	Olympia, Wash., U.S.A.	36 4	9 3	3 6	10	7	½ sc.	Wm. A. McAdam, Harrison, B.C.
138306	*Monroe*	Vancouver	1907	Monroe, Wash., U.S.A.	38 2	8 4	2 4	8	5	3 sc.	Northern Cedar Logging Co., Ltd., Vancouver, B.C.
130275	Mont Cashel	Winnipeg	1912	Winnipeg, Man.	147 8	28 5	11 0	508	346	60 sc.	Edwin D. Moore, Winnipeg, Man.

[1]Foreign name "Leader." [2]Formerly "P. J. Turgeon." [3]Formerly a sailing vessel. [4]Formerly Sailing Vessel. [5]Formerly "City of Windsor," and "E. K. Roberts."
[6]Foreign name "The Missus." [7]Formerly "D. L. White." [9]Foreign name "Sealight."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

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Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es	Breadth in feet and 10ths — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
77933	Montague	Charlottetown	1878	Georgetown, P.E.I.	79 0	19 7	8 7	130	58	35 pa..	The Georgetown Ferry Co., Ltd., Georgetown, P.E.I.
117069	Montcalm ⊙	Ottawa	1904	Yoker, G.B.	215 0	40 6	15 7	1,432	586	406 sc..	The Minister of Marine and Fisheries, Ottawa, Ont.
110554	Monteagle ⊙	Vancouver	1899	Jarrow-on-Tyne, G.B.	415 0	52 2	27 7	6,173	3,950	750 sc..	Canadian Pacific Railway Co., Montreal, Que.
126457	Montmagny	Sorel	1909	Sorel, Que.	212 6	34 8	19 5	1,269	723	148 sc..	The Minister of Marine and Fisheries, Ottawa, Ont.
92755	Montmorency	Ottawa	1889	Quebec, Que.	35 5	10 8	4 8	18	12	50 sc..	W. J. Poupore, Montreal, Que.
103957	[9]Montmorency	Montreal	1894	Sorel, Que.	71 1	11 1	4 0	28	19	22 sc..	The Minister of Public Works, Ottawa, Ont.
116600	Montreal ⊙	Montreal	1904	Sorel, Que.	332 4	43 5	14 8	4,282	2,299	386 pa..	Canada Steamship Lines, Ltd., Montreal, Que.
131037	Moonlight	Vancouver	1912	Vancouver, B.C.	60 6	17 4	7 9	63	43	11 sc..	Thomas G. McBride, *et al.*, Vancouver, B.C.
133714	*Moose II*	Vancouver	1911	Vancouver, B.C.	33 2	7 8	3 0	8	5	sc..	Hans Blakstad, Victoria, B.C.
130921	*Moosie*	Montreal	1912	Montreal, Que.	34 3	6 3	3 6	5	3	2½ sc..	John Garth, Montreal, Que.
122504	*Mopsey*	Vancouver	1906	Vancouver, B.C.	26 6	8 0	2 4	6	4	sc..	George C. Miller, Vancouver, B.C.
141171	Moresby	New Westminster	1918	New Westminster, B.C.	114 7	23 6	12 4	243	98	31 sc..	Imperial Munitions Board, Ottawa, Ont.
130235	Morgan (The)	Port Stanley	1911	Port Stanley	70 3	16 4	7 9	50	34	13½ sc..	Charles F. J., and Thomas H. Morgan, J.O., Port Stanley, Ont.
116766	Morinus	Toronto	1904	Port Carling, Ont.	47 0	8 4	3 6	10	7	1½ sc..	Wm. Robinson, Kingston, Ont.
133922	*Morning Dew*	Chatham, N.B.	1913	Lamek, N.B.	34 8	11 0	5 0	12	10	1 sc..	Edmond E. Robichaud, Ste. Marie, Shippigan Island, N.B.
107424	Morning Star	Brockville	1907	Toronto, Ont.	95 5	12 5	5 0	72	39	22 sc..	Sir Clifford Sifton, Ottawa, Ont.
100759	Morning Star	Toronto	1894	Toronto, Ont.	34 0	7 5	3 4	5	3	1 sc..	Joseph Goodwin, Toronto, Ont.
90797	Morris	Victoria	1888	Victoria, B.C.	39 5	9 2	3 6	12	8	1 sc..	The Federation Brand Salmon Canning Co., Ltd., Victoria, B.C.
138416	Mossy River	Winnipeg	1914	Selkirk, Man.	49 3	11 5	5 5	30	21	2 sc..	The Minister of Public Works, Ottawa, Ont.
121815	*Moto*	Digby	1906	Digby, N.S.	45 0	10 4	4 3	15	12	3½ sc..	Mrs. Georgia Robinson, Digby, N.S.
130322	[5]*Motor Queen*	Kingston	1904	Alexandria Bay, N.Y., U.S.A.	50 4	10 8	4 8	20	17	5⅝ sc..	Queen City Oil Co., Ltd., Toronto, Ont.
107727	Mou Ping	Vancouver	1899 1908	Hong Kong Vancouver, B.C.	64 0	10 3	6 0	33	22	8 sc..	John W. McIntosh, Vancouver, B.C.
111760	Mountain Bell	Kenora	1895	Carleton Place, Ont.	28 0	6 0	2 8	4	3	2 sc..	W. Mather, Banff, Alta.
92780	Mountain Belle	Vancouver	1888	Carleton Place, Ont.	30 2	6 1	3 0	5	3	5 sc..	Thos. R. Lane, Vancouver, B.C.
130629	Mouton	Halifax	1913	Liverpool, N.S.	82 0	17 0	6 8	53	36	14 sc..	Neville Canneries, Ltd., Halifax, N.S.
122166	Mowitz	Vancouver	1906	Vancouver, B.C.	45 9	17 1	5 2	50	34	1 sc..	Masset Timber Co., Ltd., Vancouver, B.C.
107454	Moyie	Vancouver	1898	Nelson, B.C.	161 7	30 1	5 1	835	526	17 pa..	Canadian Pacific Ry. Co., Montreal, Que.
116867	Mudpout	Ottawa	1904	Hull, Que.	40 0	16 0	4 4	34	25	— sc..	The E. B. Eddy Co., Ltd., Hull, Que.
126738	*Muirneag*	Vancouver	1910	Steveston, B.C.	35 5	10 3	4 4	12	8	1 sc..	D. McIver, and D. MacDonald, Vancouver, B.C.
103042	Mulgrave	Ottawa	1893	New Glasgow, N.S.	114 8	31 0	16 4	485	330	75 sc..	The Minister of Railways and Canals, Ottawa, Ont.
130810	*Multke*	Vancouver	1911	Steveston, B.C.	38 0	9 0	3 7	9	7	sc..	Chris Christensen, Prince Rupert, B.C.
126549	*Murbros*	Vancouver	1909	Vancouver, B.C.	35 0	10 5	4 3	15	10	2 sc..	James Taylor, Vancouver, B.C.
90793	Muriel	Vancouver	1887	Victoria, B.C.	70 0	15 5	6 7	44	28	4 sc..	Atta Singh and Sund Singh, J.O., Victoria, B.C.

130573	[11]*Muriel L.*	Lunenburg	1910	Little Tancook, N.S.	44 6	11 2	7 0	15	14	¾ sc.	James A. Zink, M.O., West Dover, N.S.
134525	*Muriel Peach*	Sydney, N.S.	1915	Port Morien, N.S.	31 0	11 0	6 0	13	12	¾ sc.	Timothy Peach, Port Morien, N.S.
138505	[10]Muriel W.	Montreal	1886	Milwaukee, Wis., U.S.A.	210 2	34 8	17 9	1,124	637	69 sc.	Steamer "Muriel W"., Ltd., Quebec, Que.
101261	[6]Murray Bay	Montreal	1877	Wilmington, Del., U.S.A.	251 0	34 7	7 9	969	610	120 pa.	Canada Steamship Lines, Ltd., Montreal, Que.
134039	*Murrelet*	Victoria	1913	Cadboro Bay, B.C.	35 0	8 5	3 8	7	5	2 sc.	Sidney Williams, Victoria, B.C.
133752	[7]Muscallonge	Montreal	1896	Port Huron, Mich., U.S.A.	128 0	24 5	12 0	360	245	51 sc.	The Sincennes McNaughton Line, Ltd., Montreal, Que.
100283	Muskoka	Peterborough	....	Simcoe, Ont.	36 5	10 5	3 7	22	15	2 pa.	Gilmour & Co., Trenton, Ont.
126524	Muskrat	Ottawa	1908	Simcoe, Ont.	52 5	16 0	3 2	35	19	2 pa.	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
133677	Musquash	Halifax	1894	Portsmouth, G.B.	51 0	11 8	5 2	22	15	12 sc.	Walter G. Stevens, Chatham, N.B.
131307	Musquash ⊙	Quebec	1910	Garston, G.B.	100 2	23 1	12 0	198	4	89 sc.	Quebec Salvage & Wrecking Co., Ltd., Montreal, Que.
138709	*My Friend*	Vancouver	1918	Vancouver, B.C.	44 5	11 4	5 8	24	13	2½ sc.	Defiance Packing Co., Ltd., Vancouver, B.C.
130890	[8]*Myfanwy*	Victoria	1911	Tacoma, Wash., U.S.A.	35 2	9 3	3 6	10	5	1 sc.	Arthur W. Bridgman, Victoria, B.C.
88634	Myra	Montreal	1884	St. Catharines, Ont.	82 0	17 2	8 6	73	37	32 sc.	The Sincennes McNaughton Line, Ltd., Montreal, Que.
111959	Myrtle	New Westminster	1899	New Westminster, B.C.	27 5	5 5	2 5	4	3	½ sc.	Hori Windebank, Mission City, B.C.
111588	Myrtle	Peterborough	1901	Peterborough, Ont.	33 2	7 7	3 2	5	4	4 sc.	Roland Gordon, Peterborough, Ont.
116758	*Myrtle*	Toronto	1904	Point Abino, Ont.	40 0	9 5	4 0	9	6	1 sc.	Mrs. Elizabeth Michener, Tp. of Bertie, Welland Co., Ont.
137889	*Myrtle C.*	Lunenburg	1916	Blandford, N.S.	38 0	10 3	5 4	11	10	1 sc.	Albert J. Boudreau, Petit de Grat, N.S.
94816	Mystery	Victoria	1890	Victoria, B.C.	80 5	16 5	7 8	65	39	24 sc.	Producers Rock & Gravel Co., Ltd., Victoria, B.C.
134421	*N. B.*	Vancouver	1914	Vancouver, B.C.	32 5	8 0	3 5	9	6	1 sc.	Nicholas Butler, Vancouver, B.C.
107134	N. Dyment	Goderich	1900	Goderich, Ont.	73 0	16 8	8 0	59	40	10 sc.	Albert G. Knowles, Sault Ste. Marie, Ont.
137948	*Nada II.*	Vancouver	1914	Vancouver, B.C.	39 0	11 6	4 6	21	14	1 sc.	Sidney Charles Mortimore, Vancouver, B.C.
95852	Nagasaki	New Westminster	1889	Hong Kong	46 5	9 3	5 3	15	10	6 sc.	John Wallace, Vancouver, B.C.
133715	[1]*Nahleen*	Victoria	1912	Hong Kong	50 2	11 0	5 4	27	21	2 sc.	John Musgrave, Victoria, B.C.
126044	Nahma	Port Arthur	1898	Superior, Wis., U.S.A.	34 0	7 8	4 0	7	5	2 sc.	A. J. McComber, Port Arthur, Ont.
130791	*Nahmint*	Vancouver	1911	Steveston, B.C.	67 9	15 5	6 1	45	31	6 sc.	Wallace Fisheries, Limited, Vancouver, B.C.
134426	[2]*Nahwitti*	Vancouver	1913	Gig Harbour, Wash., U.S.A.	47 2	14 8	5 7	28	19	2 sc.	Western Packers, Ltd., Vancouver, B.C.
88538	Naiad	Hamilton	1890	Toronto, Ont.	68 0	10 2	3 3	29	20	20 sc.	Mrs. Harriet S. Sandford, Hamilton, Ont.
92389	Naiad	Kingston	1888	Kingston, Ont.	51 4	9 2	3 9	15	10	7 sc.	Wm. Thompson, Mount Julian, Ont.
122539	Naiad	Vancouver	1907	Vancouver, B.C.	58 0	12 9	7 5	46	31	8 sc.	E. and G. H. Kinnie, J.O., Vancouver, B.C.
121764	*Naiade*	Vancouver	1906	Vancouver, B.C.	41 2	10 6	4 1	15	10	1½ sc.	Lewis G. Price, Pascoe's Wharf, Vancouver, B.C.
130691	*Nakano*	Vancouver	1911	Steveston, B.C.	48 0	11 8	5 2	24	16	2 sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
138601	*Nakomas*	New Westminster	1917	Steveston, B.C.	55 0	13 2	5 4	37	31	2 sc.	Nootka Packing Co., Ltd., Vancouver, B.C.
126542	[3]Nakusp	Vancouver	1909	Pingston Creek, B.C.	40 5	9 6	3 7	10	7	2 sc.	The Minister of Public Works, Ottawa, Ont.
107729	Nancy	Vancouver	1900	Vancouver, B.C.	26 9	8 6	2 4	6	4	1 sc.	Wm. J. Belding, Vancouver, B.C.
116779	*Nancy*	Vancouver	1904	New Westminster, B.C.	17 0	4 1	1 6	1	1	¼ sc.	Charles S. V. Branch, Vancouver, B.C.
112147	Naniwa	Kingston	1903	Kingston, Ont.	54 3	8 9	2 9	12	7	9 sc.	F. J. Phillips, Toronto, Ont.
122397	Nanoose	Victoria	1908	Victoria, B.C.	116 0	24 6	14 0	305	166	63 sc.	Canadian Pacific Railway Co., Montreal, Que.
130352	*Napanee*	Arichat	1909	Tancook, N.S.	37 4	10 4	4 3	10	10	9 sc.	Frank Roberts, Liverpool, G.B.
85308	Napierville	Montreal	1883 1899	Sorel, Que. Montreal, Que.	123 9	42 4	5 4	165	113	11 pa.	Mrs. Arthemise Robert, Montreal, Que.
130603	*Narada*	Victoria	1910	Burton, Wash., U.S.A.	29 6	8 0	4 0	7	5	1 sc.	M. B. Jackson, Victoria, B.C.
134271	Naramata	Victoria	1913	Port Arthur, Ont.	89 8	19 5	8 0	150	74	27 sc.	Canadian Pacific Railway Company, Montreal, Que.
134216	*Narbethong*	Prince Rupert	1914	Prince Rupert, B.C.	38 1	11 3	4 7	13	9	2¾ sc.	Koomes K. Freeman, Prince Rupert, B.C.
138154	*Narsapur*	Vancouver	1909	Vancouver, B.C.	44 0	11 5	5 0	18	12	2 sc.	Geo. P. Cathrea, Vancouver, B.C.
133885	Nasookin	Vancouver	1913	Nelson, B.C.	200 2	40 0	8 0	1,869	1,035	101 pa.	Canadian Pacific Railway Co., Montreal, Que.
133738	Nasutlin	Vancouver	1912	Whitehorse, Y.T.	115 0	27 1	3 8	405	256	13 pa.	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
130923	Nathalie R.	Montreal	1912	Sorel, Que.	63 2	16 2	6 0	55	25	28 sc.	The Sincennes-McNaughton Line, Ltd., Montreal, Que.
116255	National	Toronto	1903	Toronto, Ont.	39 0	10 0	4 6	18	12	5 sc.	The Corporation of the City of Toronto, Ont.
138043	*National No. 1*	Port Hawkesbury	1918	Port Hawkesbury, N.S.	60 0	15 5	7 0	46	35	3½ sc.	National Fish Co., Ltd., Halifax, N.S.
107926	Native	New Westminster	1900	New Westminster, B.C.	66 0	14 0	6 0	52	36	13 sc.	Mrs. Edith Cates, Vancouver, B.C.
126640	[4]*Nattose*	Vancouver	1899	Seattle, Wash., U.S.A.	52 0	17 6	6 6	37	25	2½ sc.	Gilbert P. Ashe, City of Coutts, Alberta.
126890	*Naturitch*	Vancouver	1910	Vancouver, B.C.	38 5	10 1	4 8	13	9	1½ sc.	Samuel J. Castleman, Vancouver, B.C.
103999	Nautilus	St. Andrews	1887	New York, N.Y., U.S.A.	56 0	14 0	4 2	27	18	11 sc.	Mrs. Addie L. Young, St. Stephen, N.B.
126194	Navarch	Windsor, Ont.	.....	Boston, Mass., U.S.A.	51 8	10 5	5 4	20	14	5 sc.	The Polson Iron Works, Ltd., Toronto, Ont.
122600	*Navy Isle*	St. Andrews	1910	Deer Island, N.B.	34 2	9 2	4 2	9	6	2½ sc.	Perry M. Small, Grand Manan, N.B.

[1]Formerly "Cullelva," and a sailing vessel. [2]Foreign name "Oceana." [3]Formerly. "Dorothy Symons.," [4]Foreign name "Olympic." [5]Foreign name "Supply."
[6]Formerly "Carolina." [7]Foreign name "Vigilant." [8]Foreign name " Luelco." [9]Formerly " Nile." [10]Foreign name "Veronica." [11]Formerly a sailing vessel.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
130374	*Neaniskos*	Kenora	1911	Peterboro', Ont.	60 0	11 3	5 3	21	20	1¾ sc.	The Peterboro Canoe Co., Ltd., Peterboro', Ont.
138619	*Neguac*	Chatham, N.B.	1918	Neguac, N.B.	33 0	9 0	3 0	7	4	1¼ sc.	Marcel Allain, Neguac, N.B.
140904	*Neekis*	Vancouver	1918	Steveston, B.C.	53 4	15 6	5 5	43	24	3½ sc.	Gosse-Mildred Packing Co., Ltd., Vancouver, B.C.
133869	*Nelalee*	Vancouver	1913	Vancouver, B.C.	31 0	8 8	4 6	11	7	½ sc.	Floyd P. Quinn, New Westminster, B.C.
130711	Nelley J	Kenora	1911	Kenora, Ont.	52 0	12 5	5 0	31	21	3 sc.	Armstrong Trading Co., Ltd., Portage la Prairie, Man.
92660	Nellie Bly	St. Catharines	1890	Port Dalhousie, Ont.	42 2	13 4	4 2	13	7	8 sc.	Jos. Goodwin, Toronto, Ont.
133785	*Nellie C*	St. Andrews	1912	Richardson, N.B.	42 9	11 0	6 1	12	8	½ sc.	Audubon Hatt, M.O., L'Etang, N.B.
111782	[7]Nellie G. Thurston.	New Westminster	1883	Gloucester, Mass., U.S.A.	79 0	22 6	8 5	100	60	19 sc.	Vancouver Machinery Depot, Ltd., Vancouver B.C.
103938	Nellie H	Chatham, N.B.	1897	Chatham, N.B.	41 1	9 0	4 2	8	5	3 sc.	Edward Miller and H. R. Annett, J.O., Gaspé, Que.
94846	Nellie S	Windsor, Ont.	1885	Detroit, Mich., U.S.A.	20 8	5 6	2 5	3	2	1 sc.	Geo. Sutherland, Essex Centre, Ont.
107467	Nellie T	Lindsay	1894	Lindsay, Ont.	36 0	6 5	2 7	5	3	6 pa.	Michael Dovey, Lindsay, Ont.
131091	*Nellie Viola*	La Have	1912	Shelburne, N.S.	71 0	18 0	7 8	43	40	1½ sc.	Charles Mosher *et al.*, La Have, N.S.
130883	*Nelmar*	Victoria	1911	Seattle, Wash., U.S.A.	27 4	7 4	3 6	5	3	½ sc.	Ian Muir, Hill Island, B.C.
130543	*Nelsara*	Prince Rupert	1911	Vancouver, B.C.	35 3	7 6	4 0	9	6	1½ sc.	S. J. Evans, Prince Rupert, B.C.
134085	*Nelson*	Vancouver	1913	Nelson, B.C.	60 7	11 4	4 0	25	17	5 sc.	Canadian Pacific Railway Co., Montreal, Que.
88667	Nelson	Chatham, N.B.	1885	Chatham, N.B.	78 4	14 7	7 0	64	44	21 sc.	A. P. McLennan, Sydney, N.S.
130990	*Neophyte*	Chatham, N.B.	1903	Amsterdam, Holland	107 0	20 7	6 2	150	97	4 sc.	The Minister of Railways and Canals, Ottawa, Ont.
92762	Neptune	Quebec	1889	Lotbinière, Que.	32 6	8 8	2 8	11	8	8 sc.	John Breakey, Quebec, Que.
130633	Neptune	St. John, N.B.	1911	Port Greville, N.S.	73 4	20 5	10 7	118	80	19 sc.	John A. Olive, *et al.*, St. John, N.B.
133751	Neroid	St. John, N.B.	1912	Waterborough, N.B.	53 6	15 6	6 3	40	28	13 sc.	James W. Smith, St. John, N.B.
126616	*Nerka*	Prince Rupert	1910	Claxton, B.C.	52 0	15 0	5 3	32	22	3½ sc.	Wallace Fisheries, Ltd., Vancouver, B.C.
138528	*Nesto*	Vancouver	1917	Vancouver, B.C.	32 2	10 2	4 4	9	6	1 sc.	The Canadian Fishing Co., Ltd., Vancouver, B.C.
121951	Nettie B	Port Stanley	1906	Port Stanley, Ont.	37 7	11 8	4 3	12	9	4½ sc.	Seward A. Dean, Tobermory, Ont.
131140	*Nettie W*	Ottawa	1910	Rideau Ferry, Ont.	22 6	5 2	2 2	2	1	½ sc.	Harry B. Wright, Perth, Ont.
95225	Nevada	Montreal	1890	Leith, G.B.	230 0	34 1	19 5	1,276	794	99 sc.	Nevada Shipping Co., Ltd., Halifax, N.S.
130873	[8]*Nevilene*	New Westminster	1912	Tacoma, Wash., U.S.A.	60 5	15 3	4 7	44	24	3 sc.	Herbert Neville Smith, New Westminster, B.C.
134301	*New Buffalo*	New Westminster	1914	Eburne, B.C.	40 0	9 9	4 2	13	9	1 sc.	Yoshio Nishino, Eburne, B.C.
134568	*Newcastle No. 3*	New Westminster	1914	Steveston, B.C.	42 4	10 5	5 4	18	12	2 sc.	Yasaburo Ode, Steveston, B.C.
138688	*NewcastleNo. 4*	Vancouver	1917	Vancouver, B.C.	51 6	14 3	5 9	41	15	2½ sc.	Take Ode, Vancouver, B.C.
141126	*Newcastle No. 6*	Vancouver	1918	Vancouver, B.C.	82 5	19 4	7 5	102	64	10 sc.	Take Ode, Vancouver, B.C.
134438	*New Celtic*	Vancouver	1915	Eburne, B.C.	38 0	9 5	4 4	13	9	1 sc.	Kamejiro Ikeyehi, Eburne, B.C.
126894	New Delta	Vancouver	1910	Vancouver, B.C.	57 8	15 0	6 4	73	49	9 sc.	Gilbert W. Brewster, *et al.*, Ladner, B.C.
126255	New Succes	Chatham, N.B.	1909	Burnt Church, N.B.	78 0	26 0	5 0	77	34	11 pa.	James Anderson, Burnt Church, N.B.
111813	Newera	Victoria	1901	Vancouver, B.C.	52 5	13 6	5 6	56	37	9 sc.	Wm. T. Cotsford, Salt Spring Island, B.C.
110697	Newington ⊙	Vancouver	1899	Hull, G.B.	115 3	21 0	11 5	193	76	58 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.

130482	*Newmaid*	New Westminster	1911	Steveston, B.C.	31	4	8	7	3	9	7	5	1 sc.	Butterfield, MacKie & Co., Ltd., New Westminster, B.C.
126413	Newminko	Toronto	1909	Gravenhurst, Ont.	84	0	16	5	5	7	128	81	13 sc.	Asa Lee Casselman, *et al.*, J.O., Port Carling, Ont.
125470	Newona ⊙	Montreal	1909	Wallsend, G.B.	250	3	43	0	22	5	2,179	1,401	205 sc.	Fraser, Brace & Clarke, Ltd., Montreal, Que.
90568	[7]*Newsboy*	Toronto	1885	Bronte, Ont.	67	5	18	9	4	5	40	35	½ sc.	James Edward Naish, *et al.*, J.O., Port Credit, Ont.
53589	[9]Niagara	Port Arthur	1856	Glasgow, G.B.	159	0	21	1	10	4	396	215	28 sc.	Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
138607	*Nicomekl*	New Westminster	1917	Elgin, B.C.	28	0	8	4	2	8	6	4	½ sc.	Benjamin G. Johnson, Cloverdale, B.C.
111948	Night Hawk	New Westminster	1902	New Westminster, B.C.	42	0	7	5	3	5	10	7	8 sc.	The Edmonton Logging Co., Ltd., New Westminster, B.C.
117195	Nightingale	Kenora	1905	Kenora, Ont.	33	0	7	0	3	8	5	3	1 sc.	Thomas Dufresne, Kenora, Ont.
140901	*Nikko*	Vancouver	1918	Sea Island, B.C.	47	7	11	8	5	6	28	15	2 sc.	Hikobei Fujiwara, Vancouver, B.C.
103393	Nile	Deseronto	1870	Battersea, Ont.	90	1	19	1	6	0	96	49	20 sc.	D.Smith, Ottawa, Ont.
122311	[7]*Nile*	Lunenburg	1907	La Have, N.S.	57	8	17	0	7	4	38	34	1 sc.	Fraser Gray, La Have, N.S.
107086	Nilka	Ottawa	1897	Ottawa, Ont.	24	8	5	7	1	8	1	1	4 sc.	John Jolicoeur, *et al.*, Ottawa, Ont.
130905	*Nimpkish*	Vancouver	1912	North Vancouver, B.C.	54	2	13	5	5	4	27	18	2⅜ sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
90524	Nina	Chatham, Ont.	1889	Rondeau, Ont.	32	0	9	5	4	8	11	9	10 sc.	J. Cooper, Chatham, Ont.
116770	Nina	Toronto	1903	U.S.A.	24	5	6	7	2	5	3	2	1 sc.	Mrs. Asenath A. Glanville, Cutler, Ont.
126299	*Nina Clare*	Canso	1914	Drum Head, N.S.	43	0	11	9	6	6	17	16	½ sc.	Charles O'Hara, Drum Head, N.S.
103377	Ninsongis	Winnipeg	1894	Simcoe, Ont.	45	0	11	0	5	5	7	5	3 pa.	The Rat Portage Lumber Co., Ltd., St. Boniface, Man.
122328	*Niobe*	Vancouver	1905	Vancouver, B.C.	20	7	5	9	2	8	2	1	½ sc.	Robert J. Scrott, Vancouver, B.C.
138029	Nipawin	Kenora	1918	The Pas, Man.	86	8	20	0	4	1	185	128	3 pa.	The Ross Navigation Co., Ltd., The Pas, Man.
117090	Nipigon	Collingwood	1908	Collingwood, Ont.	56	8	9	6	7	0	36	24	6 sc.	Albert Robertson, Nipigon, Ont.
134329	Nipisiquit	Chatham, N.B.	1914	Bathurst, N.B.	75	0	18	4	8	4	94	22	16 sc.	Bathurst Lumber Co., Ltd., Bathurst, N.B.
92443	Nipissing	Toronto	1887	Gravenhurst, Ont.	125	0	21	0	7	6	275	207	23 pa.	Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto, Ont.
134113	*Niriqahama*	New Westminster	1913	Steveston, B.C.	40	5	8	9	4	1	11	7	1 sc.	Terashita Kusnichi, Steveston, B.C.
140980	*Nishihama*	New Westminster	1918	Steveston, B.C.	55	8	12	2	5	5	31	21	3 sc.	Chiotoro Nishihama, Steveston, B.C.
126787	*Nishiu*	New Westminster	1908	Steveston, B.C.	38	5	9	3	3	0	8	6	1½ sc.	David Laiti, Sointula, B.C.
133747	Niska	Toronto	1913	Birkendale, Ont.	50	0	11	0	5	0	35	23	6 sc.	Samuel V. Blake, London, Eng.
138228	*Nita II*	Montreal	1912	Verdun, Que.	33	2	4	6	2	2	2	1	½ sc.	Joseph A. Gagnon, Verdun, Que.
130373	Nitche	Peterboro	1911	Hastings, Ont.	39	0	11	0	6	0	19	13	7 sc.	The Randolph Macdonald Co., Ltd., Toronto, Ont.
91255	[1]Nitinat	Victoria	1885	South Shields, G.B.	149	0	26	2	14	0	332	58	250 sc.	Canadian Pacific Railway Co., Montreal, Que.
130955	*No-Tow*	Lunenburg	1912	Little Tancook, N.S.	43	6	10	8	6	9	16	15	⅝ sc.	Harvey Richardson, M.O., Indian Harbour, N.S..
138027	*No Tra Co*	Kenora	1917	Edmonton, Alta.	35	0	7	5	2	7	5	3	¾ sc.	Northern Trading Co., Ltd., Edmonton, Alta.
100025	Nocross	Toronto	1887	Tamarac Island, Ont.	45	0	11	5	5	2	20	14	7 sc.	The Pickerel River Lumber Co., Ltd., Ottawa, Ont.
100937	[2]Nokomis	Ottawa	1887	Morristown, N.Y., U.S.A.	55	6	10	0	3	9	25	17	— sc.	Hon. W. C. Edwards, Rockland, Ont.
121970	*Nomad*	Kingston	1906	Boston, Mass,. U.S.A.	48	0	10	5	5	0	19	13	2⅔ sc.	Gerald W. and William N. Birks, J.O., Montreal, Que.
126745	Nootka	Vancouver	1910	North Vancouver, B.C.	40	0	10	3	5	0	19	13	1 sc.	Charles Valley, Port Clements, B.C.
133698	[3]*Nooya*	Victoria	1910	New York, N.Y., U.S.A.	70	6	14	3	5	6	55	35	5 sc.	Robert P. Butchart, Victoria, B.C.
100208	Nora	Vancouver	1889	Port Essington, B.C.	45	0	10	5	5	0	19	13	2 sc.	Albert Berguist, Victoria, B.C.
122377	Nora	Vancouver	1907	Port Guichon, B.C.	45	1	11	7	4	6	24	17	5 sc.	Edward McCookrie, Prince Rupert, B.C.
122327	*Nora*	Vancouver	1906	Port Madison, Wash., U.S.A.	35	0	11	4	3	8	13	9	⅝ sc.	Gerald F. Payne, Vancouver, B.C.
122501	*Nora Creina*	Vancouver	1907	Vancouver, B.C.	22	3	6	1	2	5	2	1	½ sc.	William B. Barwis, Vancouver, B.C.
122147	Nora J	Barrington Passage	1907	Yarmouth, N.S.	54	0	12	4	5	0	19	13	8 sc.	Tug Nora J. Co., Ltd., Halifax, N.S.
116613	[4]Norcom	Dawson	1908	St. Michael, Ala., U.S.A.	130	0	28	6	4	2	508	397	9 pa.	Canadian Yukon Navigation Co., Ltd., Dawson, Y.T.
112044	Nord	Quebec	1902	Peribonca, Que.	62	2	15	2	4	5	56	38	3 sc.	Andre Donaldson, Peribonca, Que.
133603	[5]Noreen	Halifax	1878	Dartmouth, N.S.	65	6	16	5	6	6	46	31	17 sc.	Mrs. Adam B. Crosby, Halifax, N.S.
126090	*Noreensha*	Vancouver	1908	Vancouver, B.C.	29	6	8	0	3	0	5	3	⅓ sc.	Walter V. Bainbridge, Point Grey, B.C.
97108	Norfolk	Port Burwell	1907	Collingwood, Ont.	62	0	14	0	6	6	32	22	10 sc.	Frederick W. Doty, Goderich, Ont.
107244	Normansell	New Westminster	1890	Maple Ridge, B.C.	29	0	6	3	2	8	5	3	1 sc.	S. T. Teeze, New Westminster, B.C.
138116	*Nornen*	New Westminster	1916	New Westminster, B.C.	45	0	11	6	5	5	20	14	1 sc.	Ole Johnson, *et al.*, Annieville, B.C.
134014	Noronic ⊙	Port Arthur	1913	Port Arthur, Ont.	362	0	52	0	24	8	6,905	3,935	328 sc.	The Northern Navigation Co., Ltd., Toronto, Ont.
88323	North	Quebec	1886	Levis, Que.	132	4	25	2	9	3	289	182	30 pa.	The Quebec & Levis Ferry Co., Ltd., Quebec, Que.
96911	North King	Kingston	1868 1891	Montreal, Que. Kingston, Ont.	175	0	43	0	10	0	873	499	500 pa.	Canada Steamship Lines, Ltd., Montreal, Que.
133850	*North of Lund*	Vancouver	1912	Lund, B.C.	34	1	9	2	4	7	13	9	2 sc.	James Berg, Lund, B.C.
107614	North River	Ottawa	1899	Kippewa, Que.	50	2	18	0	4	0	22	11	20 pa.	McLachlin Bros., Ltd., Arnprior, Ont.
107725	[6]North Vancouver Ferry No. 1.	Vancouver	1900	Vancouver, B.C.	73	4	20	1	6	7	104	71	19 sc.	The Corporation of the City of North Vancouver, North Vancouver, B.C.

[1]Formerly "William Joliffe." [2]Formerly "Gipsey." [3]Foreign name "Minnie W." [4]Foreign name "Evelyn." [5]Formerly "Lily." [6]Formerly "North Vancouver."
[7]Formely a sailing vessel. [8]Fore.gn name "Westerner" [9]Formerly "Druid."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriètaires conjoints; **M.O.**, Managing owner—propriètaire gèrant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hèlice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
116784	[7]North Vancouver Ferry No. 2.	Vancouver	1904	Vancouver, B.C.	131 2	28 5	12 5	544	370	32½ sc.	The Corporation of the City of North Vancouver, North Vancouver, B.C.
130447	North Vancouver Ferry No. 3.	Vancouver	1910	North Vancouver, B.C.	145 0	29 1	12 4	1,176	792	42 sc.	The Corporation of the City of North Vancouver, North Vancouver, B.C.
138023	North Wind	Kenora	1904	Fort Chepewyan, Alta.	61 5	10 3	4 0	15	10	2 sc.	Colin Fraser, Fort Chipewyan, Alta.
117105	Northern Belle	Ottawa	1905	Sturgeon Falls, Ont.	104 0	21 6	7 6	222	169	30 sc.	North Bay and French River Transportation Co., Ltd., North Bay, Ont.
126619	*Northern Cross*	Prince Rupert	1912	Vancouver, B.C.	41 2	10 8	5 4	16	11	2 sc.	Synod of the Diocese of Caledonia, Prince Rupert, B.C.
116941	Northern Light	Kenora	1903	Kenora, Ont.	32 0	9 0	4 0	17	12	⅝ sc.	G. H. Draper, Kenora, Ont.
138024	Northland Call	Kenora	1915	Peace River Crossing, Alta.	99 5	18 0	4 0	192	111	3 pa.	The Peace River Navigation Co., Ltd., Peace River Crossing, Alta.
134311	Northland Echo	Kenora	1912	Athabasca, Alberta	120 0	24 0	3 6	147	79	5 pa.	The Northern Transportation Co., Ltd., Athabasca Ldg., Alta.
134313	Northland Star	Kenora	1910	Athabasca, Alberta	67 0	12 5	2 0	19	12	1 pa.	The Northern Transportation Co., Ltd., Athabasca Ldg., Alta.
122608	Northland Sun	Kenora	1907	Athabasca Landing, Alta.	103 0	17 0	4 5	132	83	3 pa.	The Northern Transportation Co., Ltd., Athabasca Landing, Alberta.
130717	Northland Trader (The)	Kenora	1906	Fort Smith, N.W.T.	87 0	16 5	6 0	110	59	8 sc.	The Northern Trading Co., Ltd., Edmonton, Alberta.
96937	Northumberland	Charlottetown	1891	Newcastle-on-Tyne, G.B.	220 0	33 1	20 4	1,255	542	350 sc.	The Minister of Railways and Canals, Ottawa, Ont.
130792	Nortonian	Vancouver	1911	Coquitlam Lake, B.C.	47 5	12 5	4 6	24	17	3 sc.	Masset Timber Co., Ltd., Vancouver, B.C.
122011	*Norway Belle*	Ottawa	1905	Bristol, Que.	66 7	25 8	4 7	46	42	1 pa.	Archibald Macfarlane, Bristol, Que.
130719	Notin	Kenora	1913	Winnipeg, Man.	48 0	10 0	9 2	18	13	4 sc.	George R. Bancroft, The Pas, Man.
130604	Nowitka	Victoria	1911	Golden, B.C.	80 5	19 0	3 5	113	62	4 pa.	The Columbia River Lumber Co., Ltd., Golden, B.C.
126029	*Noz*	Sydney, N.S.	1909	Baddeck, N.S.	29 0	9 2	3 7	9	8	½ sc.	Farlane J. McFarlane, Baddeck, N.S.
138169	*Nuba*	Vancouver	1916	Vancouver, B.C.	36 0	10 3	4 0	12	8	1 sc.	Leander Miller and Hugh Miller, J. O., Vancouver, B.C.
130978	Nubertha	Collingwood	1914	Walker's Point, Ont.	44 0	11 6	4 8	24	17	6 sc.	Harper Walker, *et al.*, J. O., Walker's Point, Ont.
116993	[8]No. 14	Ottawa	1903	Toronto, Ont.	121 3	24 7	19 0	396	269	17⅞ sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
116994	[9]No. 15	Ottawa	1904	Toronto, Ont.	121 3	24 7	19 0	396	269	17⅞ sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
121459	[10]No. 18	Montreal	1895	Christiania, Norway	86 5	17 0	9 1	94	38	35 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
124261	No. 26	Quebec	1908	Kirkintilloch, G.B.	68 9	15 1	8 1	49	.....	28 sc.	The Dalhousie Lumber Co., Ltd., Dalhousie, N.B.
107302	Nyanza	Windsor, N.S.	1899	Horton, N.S.	76 5	21 3	8 2	83	49	17 sc.	Bathust Lumber Co., Ltd., Bathurst, N.B.
138291	*Nyenze*	Vancouver	1916	Nanaimo, B.C.	33 0	8 8	4 0	11	7	1 sc.	Herbert E. Peck, Nanaimo, B.C.
100403	Nymoca	Hamilton	1896 / 1906	Hamilton, Ont.	72 0	11 0	5 0	51	35	7 sc.	G. F. Beaumont, *et al.*, J.O., Toronto, Ont.
112171	Nymph	Toronto	1902 / 1907	Milford Bay, Ont.	72 6	14 8	4 0	84	57	8 sc.	Peter Campbell, Gravenhurst, Ont.

134562	*O. L. R.*	New Westminster	1914	Vancouver, B.C.	31	7	7	9	3	0	11	7	1 sc.	Alexander A. Murray, Vancouver, B.C.
134278	*O. O.*	Victoria	1912	Vancouver, B.C.	31	0	8	4	3	8	6	4	$\frac{5}{6}$ sc.	Wm. E. Simmons, Saanich, B.C.
130651	*O. U. Buffalo*	Chatham, N.B.	1911	Buctouche, N.B.	34	6	10	0	5	0	10	6	$2\frac{5}{6}$ sc.	J. D. Irving, Buctouche, N.B.
130590	*Oak Leaf*	Halifax	1912	Bayside, N.S.	67	8	14	8	7	5	39	28	$1\frac{5}{6}$ sc.	Gerald M. Doody, Halifax, M. S.
121819	*Oakesella*	Digby	1909	Digby, N.S.	23	3	6	3	3	3	5	3	1 sc.	Mrs. Ella M. Dunham, Digby, N.S.
138107	[11]Oatland	Montreal	1884	Detroit, Mich., U.S.A.	250	0	36	8	14	3	1,854	1,063	88 sc.	Montreal Transportation Company, Limited, Montreal, Que.
94914	Ocean Lily	Southampton	1887	Port Elgin, Ont.	29	0	7	0	3	0	3	2	4 sc.	Edward Brooks, Red Bay, Ont.
116684	*Ocelot*	Richibucto	1908	Richibucto, N.B.	37	0	10	0	5	0	13	11	$\frac{1}{2}$ sc.	William E. Forbes, Richibucto, N.B.
130248	*Ocoba*	Liverpool	1912	Liverpool, N.S.	30	8	8	2	4	5	15	11	$1\frac{1}{4}$ sc.	James C. Bartling, Liverpool, N.S.
126284	[12]Oconee	St. John, N.B.	1908 1913	Oromocto, N.B. Browns Flats, N.B.	97	4	18	7	4	8	272	221	24 pa.	Suburban Steamship Co., Ltd., Browns Flats, N.B.
134260	Odinak	Winnipeg	1914	Winnipegosis, Man.	60	4	12	8	4	4	37	25	2 se.	Harry W. Grenon and Joseph O. Grenon, Winnipegosis, Man.
138363	*Odissea*	Vancouver	1902	Sea Island, B.C.	36	0	7	8	3	2	7	5	1 sc.	N. M. Malakius, Vancouver, B.C.
134298	*Ogatt*	New Westminster	1914	Squamish, B.C.	43	0	11	3	5	0	30	20	1 sc.	Otter S. Ivarson, Squamish, B.C.
111460	Ogema	Winnipeg	1901	Selkirk, Man.	55	5	11	5	4	5	29	14	2 sc.	Dominion Fish Co., Ltd., Winnipeg, Man.
94931	[1]Ogemah	Port Hope	1889	Lindsay, Ont.	85	0	15	0	5	0	72	45	45 pa.	Trent Valley Navigation Co., Ltd., Bobcaygeon, Ont
129282	*Ogistoh*	St. John, N.B.	1908	St. John, N.B.	29	2	7	1	4	2	6	4	$\frac{5}{6}$ sc.	Elijah Ross, St. John, N.B.
131151	Ohamel	Vancouver	1912	Ruby Creek, B.C.	30	0	7	0	3	0	5	3	$\frac{5}{6}$ sc.	Alexander Forrest, Ruby Creek, B.C.
131096	*Ohio*	Shelburne	1913	Shelburne, N.S.	76	0	17	9	8	0	45	42	1 sc.	James M. Walker, Yarmouth, N.S.
116281	Ohm	Halifax	1902	Dartmouth, N.S.	24	5	5	2	3	0	2	2	4 se.	Walter S. DeBlois, Halifax, N.S.
138509	*Ohomonoshibo*	Montreal	1918	Central Wood Harbour, N.S.	39	5	9	6	4	4	10	7	$1\frac{1}{2}$ sc.	Frank C. Routh, Montreal, Que.
107087	[2]Oiseau	Ottawa	1897 1913	Pembroke, Ont.	120	0	22	8	7	0	148	90	13 sc.	The Pembroke Transportation Co., Ltd., Pembroke, Ont.
112068	Ojibawaya	Peterborough	1902	Coneastota, N.Y., U.S.A.	16	2	4	4	1	7	1	1	1 sc.	Mrs. F. A. Price, Mississagua, Ont.
122378	Okanagan	Vancouver	1907	Okanagan Landing, B.C.	193	2	32	3	7	7	1,078	679	32 pa.	Canadian Pacific Ry. Co., Montreal, Que.
102305	*Okema*	Winnipeg	1902	Winnipeg, Man.	20	5	5	5	2	7	4	3	$\frac{1}{4}$ sc.	The Superintendent General of Indian Affairs, Ottawa, Ont.
134357	*Okera*	Montreal	1908	Lachine, Que.	31	3	7	2	2	4	4	3	1 sc.	Mitchell O. Phillips, Caughnawaga, Que.
138128	*Okisilo*	New Westminster	1915	Steveston, B.C.	30	0	7	2	2	8	4	3	$\frac{1}{2}$ sc.	John Smellie, Steveston, B.C.
130908	Olallie	Vancouver	1912	North Vancouver, B.C.	72	5	16	9	7	4	80	54	16 sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
107441	Old Pioneer	Vancouver	1898	Vancouver, B.C.	39	5	8	0	4	0	10	7	1 sc.	A. J. Mangold, London, Eng.
126798	*Oldmaid*	New Westminster	1910	Steveston, B.C.	35	0	10	3	5	0	14	7	$1\frac{5}{6}$ sc.	Butterfield, Mackie & Co., Ltd., New Westminster, B.C.
131209	Olearylee	Liverpool	1915	Liverpool, N.S.	77	4	17	4	6	9	76	50	16 sc.	Wm. S. Davidson, Halifax, N.S.
116277	Olive	Halifax	1903	Dartmouth, N.S.	62	0	14	3	6	0	35	24	40 sc.	Gabarus & Louisburg Steamship Co., Ltd., Louisburg, N.S.
130611	Olive M.	Victoria	1911	Victoria, B.C.	78	0	22	0	10	0	134	71	21 sc.	Vancouver Island Towing Co., Ltd., Victoria, B.C.
117050	[4]*Olive R.*	Port Medway	1905	Shelburne, N.S.	35	0	12	5	6	6	14	13	1 sc.	Alex. L. Bates, Louisburg, N.S.
131205	*Oliver Twist*	Liverpool	1914	Tancook, N.S.	38	0	10	9	6	2	11	10	$\frac{4}{5}$ sc.	Oren J. Huskius, *et al.*, Summerville, N.S.
134350	Omaha	Montreal	1887	Milwaukee, Wis., U.S.A.	222	8	34	8	18	7	1,251	800	66 sc.	Beaver Steamship Co., Ltd., Montreal, Que.
122175	Ombabika	Port Arthur	1906	Lake Nepigon, Ont.	70	0	15	0	6	0	76	51	$10\frac{1}{2}$ sc.	George H. Rapsey, Port Arthur, Ont.
107932	Omega	New Westminster	1900	Lake Bennett, B.C.	93	8	21	0	5	2	127	86	13 se.	Wm. C. Robinson, Lake Bennett, B.C.
107101	On Time	Victoria	1896	Ballard, Wash., U.S.A.	38	0	10	0	4	4	11	4	2 sc.	James Pope, Port Harvey, B.C.
121708	Ona	Toronto	1887	Hamilton, Ont.	36	0	9	5	3	5	9	6	$\frac{5}{6}$ sc.	Bertram Yates, Penetang, Ont..
92382	Onaganoh	Kingston	1887	Kingston, Ont.	47	2	10	0	3	9	19	13	12 sc.	H. Fraser, Port Cockburn, Ont.
133791	Onajag	Port Stanley	1913	Port Stanley, Ont.	77	0	18	3	7	7	51	35	13 sc.	Walter H. McPherson, M.O., Port Stanley, Ont.
116835	Onawa	Kingston	1904	Gananoque, Ont.	29	6	5	4	2	7	2	2	$\frac{1}{4}$ sc.	Wm. J. Reid, Gananoque, Ont.
126712	Onawana	St. John, N.B.	1909	The Range, N.B.	52	7	13	0	5	2	30	20	13 sc.	James E. George and Mrs. A. R. McInnes, Parrsboro, N. S.
130893	Ondot	Victoria	1912	Proctor, B.C.	59	0	12	0	5	5	30	20	$9\frac{1}{2}$ sc.	Fred. Cogle, Proctor, .B.C.
103798	Oneita	Shelburne	1899	Lockeport, N.S.	52	2	12	3	5	3	15	10	13 sc.	Freeman Payzant, Lockeport, N.S.
90562	[3]Ongiara	Toronto	1885	Toronto, Ont.	90	5	18	4	5	4	98	64	80 sc.	Patrick J. McSherry, Toronto, Ont.
134024	Only Way (The)	Victoria	1911	Chatham, Eng.	30	0	7	5	4	0	5	3	2 sc.	James Lenore, Edmonton, Alta.
133876	*Onoma*	Vancouver		U.S.A.	33	0	10	6	4	7	12	11	$\frac{2}{3}$ sc.	Angus McDonnell, Vancouver, B.C.
94885	Ontario	Montreal	1890	Owen Sound, Ont.	297	0	41	3	14	9	1,615	1,018	300 pa.	Canadian Pacific Railway Co., Montreal, Que.
125983	Ontario No. 1 ⊙	Montreal	1907	Toronto, Ont.	317	0	54	2	18	7	5,146	3,229	292 sc.	The Ontario Car Ferry Co., Ltd., Montreal, Que.
137978	Ontario No. 2 ⊙	Montreal	1915	Toronto, Ont.	307	5	51	0	20	2	5,568	3,376	294 sc.	The Ontario Car Ferry Co., Limited, Montreal, Que.
116707	Ontaritze	Quebec	1902	Indian Cove, Que.	43	2	9	4	4	4	18	12	3 sc.	Harold Kennedy, Quebec, Que.
111973	Onward	Southampton	1902	Kincardine, Ont.	57	0	12	0	6	0	22	15	3 sc.	John McGaw, Kincardine, Ont.

[1]Formerly "Alice Ethel." [2]Formerly "Victoria." [3]Formerly "Queen City." [4]Formerly a sailing vessel. [7]Formerly "St. George." [8]Formerly "Lurcher." [9]Formerly "Anticosti." [10]Formerly "South East Shoal No. 18" and "Falken." [11]Foreign name "Wm. J. Averell." [12]Formerly "Stella Marion."

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126249	*Oolaly*	Victoria	1909	Vancouver, B.C.	49 6	10 5	6 0	23	13	3¾ sc.	Frank S. Barnard, Victoria, B.C.
126100	*Oose River*	St. Catharines	1909	Dunnville, Ont.	45 0	10 0	2 5	16	13	⅔ sc.	Charles Ross, Port Maitland, Ont.
138824	*Opal June*	Lunenburg	1918	Tancook, N.S.	42 5	11 5	6 0	17	16	1 sc.	Joseph Hirtle, M.O., Tancook, N.S.
126402	Opeongo	Ottawa	1909	Arnprior, Ont.	104 5	21 3	6 5	121	77	54 pa.	McLachlin Bros., Ltd., Arnprior, Ont.
130886	Operator	Victoria	1912	Tete Jeune Cache, B.C.	141 7	34 8	5 2	698	439	15 pa.	John W. Stewart, Vancouver B.C.
112173	Ophir	Toronto	1902	Parry Sound, Ont.	41 8	9 4	4 0	11	8	1 sc.	Milton Pearce, Parry Sound, Ont.
131099	*Opitza*	Shelburne	1913	Shelburne, N.S.	72 0	17 6	8 1	44	41	2 sc.	John Wm. Swim, M.O., Lockeport, N.S.
103914	Ora	Victoria	1898	Lake Bennett, B.C.	79 5	16 0	4 3	101	61	3 pa.	Edward J. Smyth, Victoria, B.C.
117128	*Orca*	Kingston	1905	Kingston, Ont.	34 0	6 0	3 3	4	3	1½ sc.	Arthur F. Macnee, Kingston, Ont.
90768	Orcadia	Port Arthur	1888	Goderich, Ont.	54 3	14 0	5 2	23	16	3 sc.	The Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
100947	Orcadia	Port Arthur	1891	Collingwood, Ont.	52 0	11 8	5 8	26	18	8 sc.	The Church and Manse Board of the Presbyterian Church in Canada, Toronto, Ont.
122379	*Orcadia*	Vancouver	1907	Vancouver, B.C.	26 9	8 0	3 4	7	5	¾ sc.	Robt. D. Gray, North Lonsdale, B.C.
133779	Orchard City	Victoria	1912	Kelowna, B.C.	86 6	19 0	6 7	107	73	16 sc.	Kelowna Saw Mill Co., Ltd., Kelowna, B.C.
126241	*Ordonez*	Victoria	1909	Victoria, B.C.	35 5	9 0	4 6	10	4	1¾ sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
134284	*Orgus*	Victoria	1912	Port Guichon, B.C.	36 8	9 6	3 6	10	7	2 sc.	Torazo and Hyasaku Iwasaki, Victoria, B.C.
116270	Oriana	Toronto	1903	Buffalo, N.Y., U.S.A.	79 0	15 0	9 0	68	46	16 sc.	Strachan Johnston, Toronto, Ont.
111610	Orillia	New Westminster	1901	New Westminster, B.C.	36 0	8 2	3 0	12	9	1 sc.	Samuel C. Smith, Vernon, B.C.
121893	[3]Orinoco	Liverpool	1906	Lockeport, N.S.	32 5	12 7	6 1	15	13	½ sc.	Gilbert S. Smith, M.O., Hunt's Point, N.S.
92431	Oriole	Toronto	1886	Gravenhurst, Ont.	75 0	14 5	4 4	75	48	13 sc.	The Muskoka Lakes Nav. & Hotel Co., Ltd., Toronto, Ont.
88378	Oriole	Vancouver	1885	Victoria, B.C.	27 5	7 0	3 5	4	3	1 sc.	G. J. Blackman, Vancouver, B..C.
122427	[3]*Oriole B*	Halifax	1908	Chezzetcook, N.S.	60 0	18 4	6 8	33	32	1 sc.	Wallace H. Mitchell, Jeddore, N.S.
116932	Orion	Victoria	1904	Christiana, Norway	94 1	17 4	10 6	109	40	42 sc.	Victoria Whaling Co., Ltd., Toronto, Ont.
112148	Oriska	Kingston	1903	Kingston, Ont.	38 8	8 1	3 3	6	4	3 sc.	Walter G. Tromley, Port Carling, Ont.
131133	*Orkney*	Ottawa	1913	Ottawa, Ont.	25 8	6 2	2 8	3	2	¾ sc.	John L. Scobie, Bristol, Que.
107235	Orleans	Toronto	1898	Lévis, Que.	118 0	28 0	9 2	269	183	52 sc.	Buffalo & Fort Erie Steamship Co., Ltd., Fort Erie, Ont.
130807	*Orlomah*	Vancouver	1910	Vancouver, B.C.	40 0	10 1	5 0	17	12	2 sc.	Mrs. John J. Banfield, Vancouver, B.C.
116693	Oro	Kenora	1898	Hamilton, Ont.	25 8	6 0	2 8	2	1	1 sc.	Grace Mining Co., Ltd., Ridgeway, Ont.
105040	Orontes	Vancouver	1895	Beverley, G.B.	111 5	21 0	11 5	178	76	60 sc.	Wallace Fisheries, Ltd., Vancouver, B.C.
126104	Orvil	Ottawa	1909	Carleton Place, Ont.	34 6	8 0	4 0	7	5	⅔ sc.	John Cunningham, Gaudette, Que..
122640	*Oscar C*	Kingston	1908	Kingston, Ont.	47 8	10 9	5 0	18	9	2½ sc.	James B. Oliver, Magog, Que.
134229	*Osiris II*	Montreal	1914	Dorval, Que.	43 5	11 6	4 8	12	11	1 sc.	James B. Paterson, Montreal, Que.
138530	*Osoyoos*	Vancouver	1917	Vancouver, B.C.	37 2	9 5	4 4	11	7	⅝ sc.	Alfred W. LePage, Vancouver, B.C.
107138	Osprey	Goderich	1902	Goderich, Ont.	72 4	15 1	6 8	42	28	17 sc.	Alexander Purvis, Gore Bay, Ont.
97016	Osprey	St. Catharines	1895	Port Robinson, Ont.	32 0	9 6	3 2	6	4	6 sc.	Eusebe Daoust, Noelville, Ont.

107488	Ossifrage	Chatham, Ont.	1886	W.Bay City,Mich.,U.S.A.	161 6	27 8	9 0	632	303	54 sc...	Wm. Ball, Chatham, Ont.
126959	*Ostaig*	Victoria	1910	Muskegon, Mich., U.S.A..	25 0	7 2	3 3	5	3	1½ sc...	Isaburo Tasaka, Ganges, B.C.
138065	Ostrea	Ottawa	1916	Sorel, Que.	77 0	18 4	6 2	111	33	16 sc...	The Minister of the Naval Service, Ottawa, Ont.
130380	Ott..	Peterborough	1910	Hastings, Ont.	34 0	8 2	3 0	9	6	2⅔ sc...	Albert Scriver, Hastings, Ont.
94628	Ottawa	Ottawa	1888	Ottawa, Ont.	56 6	13 6	5 8	21	14	50 sc...	The Minister of Public Works, Ottawa, Ont.
116650	Ottawan	Ottawa	1904	Ottawa, Ont.	108 0	24 0	6 2	311	157	17 sc...	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
121911	Otter	Kenora	1905	Kenora, Ont.	40 0	10 0	4 0	16	11	1 sc...	The Armstrong Trading Co., Ltd., Portage la Prairie, Man.
111662	Otter	Montreal	1899	Longueuil, Que.	24 9	7 8	3 1	3	2	1 sc...	A. R. Howell, Montreal, Que.
138071	Otter	Ottawa	1915	Kippewa, Que.	45 0	10 6	4 0	20	13	2 pa..	John Lumsden, Ottawa, Ont.
107832	Otter	Victoria	1900	Victoria, B.C.	128 0	24 5	11 0	366	232	24 sc..	Canadian Pacific Railway Co., Montreal, Que.
130929	*Ouananiche*	Montreal	1912	Lachine, Que.	36 5	9 7	4 6	12	8	2 sc..	Joseph Bray, Amherst, Island, Ont.
92392	Outlet Queen	Kingston	1888	Warburton, Ont.	43 3	9 4	3 6	18	12	5 sc..	Wm. Black, Belleville, Ont.
134520	[1]Overland	Sarnia	1881	Bay City Mich, U.S.A.	215 0	31 3	10 4	758	398	54 sc...	Robert S. Misner, *et al.*, I.O., Sault Ste. Marie, Ont.
131167	*Owla*	Lunenburg	1912	Tancook, N.S.	49 2	13 5	7 0	24	23	1⅛ sc...	George W. Pettipas, *et al.*, Torbay, N.S.
130425	*Owaissa*	St. Andrews	1910	Campobello, N.B.	33 5	9 5	4 2	8	6	1⅛ sc...	Harry S. Jackson, Wilson's Beach, N.B.
133704	*Owasco*	Vancouver		U.S.A.	40 0	11 0	5 5	18	16	⅝ sc...	Abraham Heins, Jedway, B.C.
134427	*Owekano*	Vancouver	1915	Vancouver, B.C.	60 0	13 8	6 4	38	26	3 sc...	The Packers Steamship Co., Ltd., Vancouver, B.C.
122396	[1]Owen	Victoria	1901	Tacoma, Wash., U.S.A.	56 5	17 3	6 2	44	30	10 sc...	Marion Tug Boat Co., Ltd., Victoria, B.C.
122351	*Owlet*	Montreal	1907	Kingston, Ont.	43 6	11 0	4 7	16	11	⅔ sc...	Hugh C. Walkem, Montreal, Que.
117047	Oyama	Barrington Passage	1905	Port Clyde, N.S.	53 2	17 2	5 5	44	28	8 sc...	Barrington & Cape Island Stm. Ferry Co., Ltd., Barrington, N.S.
134293	*Oyashimo*	New Westminster	1914	Steveston, B.C.	36 0	9 0	4 0	11	8	1 sc...	Brydone L. Tingley, Port Clements, B.C.
126061	*P.M.A.*	Charlottetown	1906	Egmont Bay, P.E.I.	37 5	12 5	5 2	15	12	1 sc...	Philip M. Arsenault, St. Crysostome, P.E.I.
138310	*P. R.*	Vancouver	1916	Vancouver, B.C.	35 0	9 2	4 4	11	7	1 sc...	Powell River Company, Ltd., Vancouver, B.C.
134215	*P. R. T. No.* 1	Prince Rupert	1914	Prince Rupert, B.C.	57 2	14 3	7 9	40	27	6 sc...	Deep C. Fisheries, Ltd., Prince Rupert, B.C.
130866	[11]P. W.	New Westminster	1912	Ladner, BC.	103 0	24 0	8 2	147	81	17 sc...	Wallace Fisheries Ltd., Vancouver, B.C.
141033	*P. W. B.*	Vancouver	1913	Vancouver, B.C.	36 6	9 6	4 4	11	8	1⅔ sc...	Peter W. Bishops, Bishops Landing, B.C.
134184	[2]P. W. D. No. 1	St. John, N. B.	1905	Sorel, Que.	245 0	42 8	18 0	1,605	887	66 sc...	The Minister of Public Works, Ottawa, Ont.
130249	P. W. D. No. 7	Liverpool	1872	Renfrew, G.B.	130 0	20 0	11 0	232	47	27 sc...	The Minister of Public Works, Ottawa, Ont.
134607	P. W. D. No. 201	Winnipeg	1906	Selkirk, Man.	111 3	30 8	5 5	442	279	13 pa..	The Minister of Public Works, Ottawa, Ont.
134516	P.B. McNaughton	Sarnia	1888	Saginaw, Mich , U.S.A.	66 0	17 0	8 8	67	30	10 sc...	Montreal Transportation Co., Ltd., Montreal, Que.
131067	[3]*P. C. Mason*	Lunenburg	1909	Lunenburg, N.S.	42 8	10 6	5 2	11	10	½ sc...	Phineas Mason and Charles Mason, Jr., Eastern Points, N.S.
134220	*P. Dorcen*	Prince Rupert	1915	Prince Rupert, B.C.	43 5	11 0	4 8	14	9	2 sc...	Henry T. Doiron and Peter Doiron, Prince Rupert, B.C.
92286	P. S. Hiesordt	Owen Sound	1887	Owen Sound, Ont.	66 0	16 0	6 0	45	31	30 sc...	W. J. Bell, Sudbury, Ont.
110950	*Pachena*	Victoria	1917	Dockton, Wash., U.S.A.	52 6	13 9	6 7	33	22	3 sc...	Lummi Bay Packing Co., Ltd., Vancouver, B.C.
130429	*Page*	St. Andrews	1912	Deer Island, N.B.	59 0	16 2	8 7	39	27	2 sc...	Connors Bros., Ltd., Blacks Harbour, N.B.
110619	Pandosia	St. John, N.B.	1900	Port Glasgow, G.B.	330 6	48 1	23 5	3,326	2,165	290 sc...	Steamship Pandosia Co., Ltd., Rothesay, N.B.
126148	*Panna*	Sorel	1908	Sorel, Que.	31 5	6 3	3 0	3	2	2½ sc...	J. J. Crete, Grandes Piles, Que.
131183	Panter	Peterboro	1913	Rice Lake, Ont.	48 0	12 0	3 6	15	10	2 sc...	Thomas Kelly, Roseneath, Ont.
100756	[5]Pappoose	Windsor, Ont.	1893	Brontć, Ont.	71 5	18 3	5 7	57	39	4 sc...	Alfred H. Clarke, Windsor, Ont.
137893	*Paridie*	Toronto	1915	Toronto, Ont.	46 0	11 0	5 2	18	8	1 sc...	Albert S. Ward, Toronto, Ont.
138037	*Pantha*	Barrington Passage	1917	Port Clyde, N.S.	33 5	9 6	5 0	11	11	⅓ sc...	James N. Colp, Port Mouton, N.S.
96643	[6]Parima	Montreal	1889	Newcastle on Tyne, G.B.	335 0	42 1	24 0	2,990	1,875	450 sc...	Canada Steamship Lines, Montreal, Que.
122272	[7]Parkdale	Winnipeg	1910	Selkirk, Man.	44 0	13 7	5 0	26	18	2 sc...	The Minister of Public Works, Ottawa, Ont.
116323	Parrsboro	Parrsboro	1903	Parrsboro', N.S.	63 9	17 7	7 0	57	26	20 sc...	The Nova Scotia Construction Co. Ltd., Sydney, N.S.
103641	Parthia	Kingston	1896	Garden Island, Ont.	126 8	38 3	7 1	198	84	47 pa..	The Calvin Co., Ltd., Garden Island, Ont.
134486	Passepartout	Montreal	1912	Montreal, Que.	49 1	11 3	5 7	29	13	2 sc...	Harbour Commissioners of Montreal, Montreal, Que.
100234	[3]Pastime	Halifax	1885	Halifax, N.S.	69 7	20 3	6 5	68	46	18 sc...	Albert P. Calnen, Halifax, N.S.
111751	Pastime	Kenora	1901	Kenora, Ont.	42 0	7 0	3 2	15	11	1 sc...	Young Men's Christian Association, Winnipeg, Man.
116947	Pathfinder	Kenora	1903	Prince Albert, Sask.	66 0	12 5	4 0	23	16	1⅜ pa...	Richard Deacon, Prince Albert, Sask.
126624	*Pathmaker*	Vancouver	1908	Vancouver, B.C.	28 5	7 4	3 5	4	3	1½ sc...	Ernest S. Wilbland, Vancouver, B.C.
138391	*Patricia F.*	Lunenburg	1917	Blandford, N.S.	38 0	10 3	5 8	12	11	⅔ sc...	Vincent Flemming, M.O., Ketch Harbour, N.S.
116415	Patsy	Victoria	1898	Gabriola Island, B.C.	33 5	8 2	3 9	7	5	1 sc...	Peter Newberg, Nanaimo, B.C.
138095	*Paul C.*	Montreal	1902	Grandes Piles, Que.	35 7	7 7	2 8	7	5	3 sc...	Jean J. Crete, Grandes Piles, Que.
111801	Pauline Hickler	Amherstburg	1892	Buffalo, N.Y., U.S.A.	59 6	16 6	5 2	51	26	8 sc...	John G. Mullen, Amherstburg, Ont.
141022	*Pauline J.*	Vancouver	1918	Comox, B.C.	43 5	12 7	5 6	24	17	1½ sc..	John Smith and C. E. Nordin, J.O., Comox, B.C.

[1] Foreign name "Marion." [2] Formerly "W .S. Fielding." [3] Formerly a sailing vessel. [4] Foreign name "Kongo." [5] Formerly "Chub." [6] Formerly "Bungaree." [7] Formerly "E. Partridge" and "Lisgar." [11] Formerly "Birdswell."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
137975	*Pavillon II*	Montreal	1914	Sherbrooke, Que	29 5	4 7	2 2	2	2	1 sc.	Joseph O. Gagnon, Sherbrooke, Que.
111168	Pawnee	Sydney, N.S.	1890	Athens, N.Y., U.S.A.	115 8	23 9	5 7	107	65	150 sc.	Cape Breton Electric Co., Ltd., Sydney, N.S.
126279	Paystreak	New Westminster	1909	New Westminster, B.C.	126 5	26 4	4 9	280	129	9 pa.	Canadian Kelp Products, Ltd., Vancouver, B.C.
121777	Peace River	Winnipeg	1905	Fort Vermilion, Alta	110 0	24 0	4 5	292	184	6 pa.	Hudson's Bay Co., London, Eng.
134604	*Peace River Boy*	Winnipeg	1915	Prudence Crossing, Alta.	68 6	14 0	2 5	16	11	6 sc.	Mrs. A. M. Smith, Vancouver, B.C.
130303	*Peach*	Vancouver	1910	Vancouver, B.C.	39 6	10 4	5 3	16	11	2 sc.	Maritime Fisheries, Ltd., Vancouver, B.C.
107872	Pearl	Lindsay	1899	Bobcaygeon, Ont.	35 0	7 2	3 0	6	4	6 sc.	James Lewis, Bobcaygeon, Ont.
116406	Pearl	Victoria	1901	Vancouver, B.C.	29 7	7 7	3 0	3	2	1 sc.	G. Stanley Harris, Pender Island, B.C.
90803	Pearl	New Westminster	1884	Seattle, Wash., U.S.A.	62 4	14 5	3 4	75	54	30 pa.	John H. Lowe, Vancouver, B.C.
112170	Pearl	Toronto	1902	Parry Sound, Ont.	35 0	7 9	2 5	6	4	1 sc.	Albert McCallum, Parry Sound, Ont.
122321	*Pearl*	Vancouver	1907	Vancouver, B.C.	22 0	7 7	3 4	4	3	½ sc.	James S. Emerson, Vancouver, B.C.
130727	[1]*Pearl Beatrice II*	Lunenburg	1911	Tancook, N.S.	56 2	14 0	7 6	32	31	⅝ sc.	Wm. Hubley, M.O. Indian Harbour, N.S.,
126683	Peel	Montreal	1909	Sorel, Que.	91 5	22 1	10 7	205	117	46 sc.	The Minister of Public Works, Ottawa, Ont.
111953	Peerless	New Westminster	1904	New Westminster, B.C.	92 0	20 5	9 5	128	89	39 sc.	Westminster Towing & Fish Co., Ltd., New Westminster, B.C.
97282	Peerless	Sydney, N.S.	1884	Athens, N.Y., U.S.A.	90 0	20 0	6 0	94	81	30 sc.	Cape Breton Electric Co., Ltd., Sydney, N.S.
138417	Peguis	Winnipeg	1912	Selkirk, Man.	51 8	13 8	6 0	39	26	4 sc.	The Minister of Public Works, Ottawa, Ont.
107328	Pekin	Liverpool	1900	Moser's River, N.S.	90 4	18 5	7 5	85	50	65 sc.	George F. Moore, Sydney, N.S.
130388	Pelee	Amherstburg	1914	Collingwood, Ont.	146 0	24 1	9 9	538	243	58 sc.	Windsor & Pelee Island Steamship Co., Ltd., Pelee Island, Ont.
103134	Pembroke	Ottawa	1895	Pembroke, Ont.	104 5	28 2	6 6	194	122	30 pa.	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
117006	Pender	Vancouver	1904	Vancouver, B.C.	33 7	9 7	5 2	16	11	1 sc.	Brooks-Scanlon-O'Brien Co., Ltd., Vancouver, B.C.
111914	Penetang	Toronto	1901	Owen Sound, Ont.	82 0	16 5	9 8	100	64	21 sc.	Lake Shore Sand & Gravel, Co., Ltd., Toronto, Ont.
116598	Pennsylvania	Montreal	1901	Cleveland, O., U.S.A.	158 0	35 4	8 4	428	379	6 sc.	The Atlas Sand Co., Ltd., Montreal, Que.
111987	Penny	Vancouver	1896	Seattle, Wash., U.S.A.	25 0	6 8	2 9	3	2	6 sc.	H. H. Hayden, Vancouver, B.C.
96994	Pentieton	New Westminster	1890	Okanagan Lake, B.C.	70 0	16 0	6 0	50	34	4 sc.	B. Lequime, M.O., Kelowna, B.C.
100531	[9]Percy Cann	Yarmouth	1892	Meteghan, N.S.	77 0	17 1	6 6	80	56	13½ sc.	Hugh Cann & Son, Ltd., Yarmouth, N.S.
92379	Peri	St. John, N.B.	1888	Rothesay, N.B.	38 4	8 9	2 8	12	8	15 sc.	A. H. FitzRandolph, Fredericton, N.B.
100470	Peribonca	Quebec	1892	Roberval, Que.	90 0	21 8	6 2	179	113	28 pa.	Quebec Development Co., Ltd., Montreal, Que.
138022	Perley Holmes	Kenora	1910	Simcoe, Ont.	42 0	11 9	3 6	20	14	2 sc.	Shelvin Clarke Company, Ltd., Fort Frances, Ont.
130700	*Permyn*	Vancouver	1911	Vancouver, B.C.	34 0	8 4	4 0	8	5	⅝ sc.	Wm. N. McAlpine, Vancouver, B.C.
116745	[1]*Perseverance*	Halifax	1905	Mahone Bay, N.S.	43 4	12 3	5 8	12	12	1 sc.	Charles E. Bouchie *et al.*, River Bourgeoise, N.S.
107826	Pert	Victoria	1890	Upper Columbia River B.C	49 8	10 0	2 6	6	4	1 sc.	Robert Miller, Golden, B.C.
138726	*Pete*	New Westminster	1914	Steveston, B.C.	29 0	7 5	3 0	5	4	1⅝ sc.	H. A. Olsen, Steveston, B.C.
100309	Pete Gorman	Port Arthur	1892	Saginaw, Mich., U.S.A.	76 0	19 8	10 0	65	37	13 sc.	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
141197	*Peter M*	Vancouver	1912	Sea Island, B.C.	34 0	9 0	2 8	7	5	1 sc.	Pete Stanovich, Vancouver, B.C.
138571	Peter Pan Second	Windsor, Ont.	1917	Collingwood, Ont.	97 0	23 0	10 2	190	58	34 sc.	The Ontario Gravel Freighting Co., Ltd., Windsor, Ont.

137903	Peter Paul	Toronto	1908	Penetanquishene, Ont.	35 6	9 8	5 2	31	21	1 sc.	The Dredging & Dock Co., Ltd., Toronto, Ont.
103829	Petit Démon	Paspebiac	1910	Bonaventure, Que.	27 6	9 4	3 8	7	5	1½ sc.	Angus McLean, Montreal, Que.
103863	Petrel	Halifax	1898	Halifax, N.S.	29 5	8 5	3 5	6	4	5 sc.	J. N. Hume, Halifax, N.S.
134468	Petrel	Halifax	1915	Port Richmond, N.Y.	123 7	26 3	15 3	540	367	65 sc.	War Office, London, England.
96917	Petrel	Kingston	1892	Collin's Bay, Ont.	129 2	26 3	9 6	346	199	80 sc.	Collin's Bay Rafting & Forwarding Co., Kingston, Ont.
103040	Petrel	Ottawa	1892	Owen Sound, Ont.	116 0	22 0	10 3	192	98	50 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
121974	Petrel	Victoria	1906	Victoria, B.C.	86 4	17 0	12 3	134	58	23 sc.	The Minister of Public Works, Ottawa, Ont.
122176	Pewabic	Port Arthur	1906	Lake Nepigon, Ont.	48 0	12 0	5 0	29	20	8 sc.	Michael J. O'Brien, *et al.*, Renfrew, Ont.
126669	*Phantom*	Shelburne	1911	Shelburne, N.S.	35 0	6 9	4 1	8	5	2 sc.	Arthur W. Puddington, St. John, N.B.
140988	*Philona*	New Westminster	1918	Port Coquitlam, B.C.	48 8	10 2	4 0	25	17	1⅝ sc.	Harry A. Barnett, New Westminster, B.C.
130563	[1]*Phoebe M.*	Lunenburg	1910	Tancook, N.S.	40 6	10 8	5 6	12	11	5/16 sc.	David Morash, M.O., West Dover, N.S.
111571	Phoenix	Toronto	1900	Huntsville, Ont.	50 0	11 2	4 8	29	20	7 sc.	Huntsville Lake of Bays & Lake Simcoe Nav. Co., Ltd., Huntsville, Ont.
103480	[10]Phoenix	Vancouver	1896	Ballard, Wash., U.S.A.	75 7	16 0	6 0	87	51	11 sc.	The British Columbia Canning Co., Victoria, B.C.
134078	*Phrontis II.*	Vancouver	1913	Vancouver, B.C.	40 4	10 0	3 6	10	7	2 sc.	Mathew Wilson and James J. Jackson, Vancouver, B.C.
133851	*Phroso*	Vancouver	1913	Vancouver, B.C.	41 0	9 7	4 2	13	9	2 sc.	Henry O. Alexander, Vancouver, B.C.
130749	*Phryne*	Vancouver	1911	North Vancouver, B.C.	47 2	11 8	6 0	21	16	2¼ sc.	Charles Wiegand, Vancouver, B.C.
116380	Phyllis	Port Arthur			21 0	5 4	2 5	2	1	½ sc.	L. Walsh and W. C. Dalton, J.O., Port Arthur, Ont.
130274	Phyllis Williams	Winnipeg	1911	Selkirk, Man.	103 0	21 5	8 0	161	112	31 sc.	Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.
116381	Pickett	Port Arthur	1887	Brooklyn, N.Y., U.S.A.	75 0	13 0	6 0	45	30	14 sc.	E. J. Nuttall and A. S. Nuttall, J.O., Port Arthur, Ont.
.....	Pierrepont	Kingston	1871	Kingston, Ont.	123 0	18 8	7 1	252	153	.....	Canada Steamship Lines, Ltd., Montreal, Que.
125991	Pikonagami	Quebec	1906	Roberval, Que.	65 4	17 6	3 5	57	36	3½ pa.	George Lindsay, Roberval, Que.
88294	Pilgrim	Quebec	1884	St. Nicholas, Que.	122 0	22 4	7 4	262	165	32 pa.	H. S. Folger, Kingston, Ont.
116439	Pilot	Vancouver	1897		25 0	6 5	2 8	2	2	6 sc.	Charles G. Johnson, Vancouver, B.C.
111790	Pilot	Victoria	1902	Pilot Bay, B.C.	31 0	7 4	3 2	8	5	1 sc.	The Yale Columbia Lumber Co., Ltd., Nelson, B.C.
134606	*Pine Pass*	Winnipeg	1915	Prudence Crossing, Alta.	74 0	15 1	2 5	42	29	6 sc.	The Smoky & Peace River Company Ltd., Peace River, Alta.
134387	Pinola	Sault Ste. Marie	1894	Cleveland ,Ohio, U.S.A.	60 0	12 8	6 5	34	18	4 sc.	Robert G. Stoness, Sault Ste. Marie, Ont.
116289	Pioneer	Charlottetown	1904	Mahone Bay, N.S.	41 1	10 8	5 2	15	11	1⅝ sc.	Michael W. Keating, Charlottetown, P.E.I.
133863	*Pita*	Vancouver	1912	Vancouver, B.C.	38 3	10 0	3 8	14	9	1 sc.	Wm. P .Blacklam and Wm. Rose ,Vancouver, B.C.
134096	*Pitt*	Vancouver	1913	Vancouver, B.C.	38 0	10 0	5 2	13	9	3 sc.	Masset Timber Co., Ltd., Vancouver, B.C.
126925	Plessis	Quebec	1910	Lauzon, Que.	120 6	31 0	15 5	559	338	87 sc.	Lévis Ferry, Ltd., Lévis, Que.
116683	[1]*Plum*	Chatham, N.B.	1903	Richibucto, N.B.	36 0	11 0	5 0	14	10	2 sc.	Michael J. Jimmo, jr., Escuminac, N.B.
131152	Plunger	Vancouver	1912	Vancouver, B.C.	55 7	17 0	7 8	57	38	11 sc.	Bernhardt T. Brynelson, Vancouver, B.C.
133753	[2]Pluvia	St. John, N.B.	1901	Phippsburg, Me., U.S.A.	49 3	16 5	6 5	42	29	10 sc.	John U. Seely, St. John, N.B.
131076	[1]*Plymouth Rock*	Arichat	1912	Tancook, N.S.	48 0	13 5	7 0	24	23	1½ sc.	Frederick Wolfe, Arichat, N.S.
116595	Pocahontas	Montreal	1904	North Hatley, Que.	68 5	16 5	5 0	56	38	12 sc.	J. G. Sampson, North Hatley, Que.
137956	*Pocroluco*	Vancouver	1915	Vancouver, B.C.	39 5	9 3	4 2	11	8	1 sc.	J. R. Morgan, Ltd., Prince Rupert, B.C.
130897	Point Ellice	Victoria	1911	North Vancouver, B.C.	95 8	20 1	11 6	205	98	47 sc.	The Minister of Public Works, Ottawa, Ont.
134303	*Point Garry*	New Westminster	1911	Vancouver, B.C.	45 3	10 6	5 7	19	13	3 sc.	The Minister of Public Works, Ottawa, Ont.
130917	Point Grey	Vancouver	1912	North Vancouver, B.C.	105 0	21 9	13 3	300	150	62 sc.	The Minister of Public Works, Ottawa, Ont.
130310	[3]Point Hope	Vancouver	1910	Vancouver, B.C.	62 7	11 3	8 2	66	45	16 sc.	The Minister of Public Works, Ottawa, Ont
126930	Polana	Quebec	1911	Kingston, Ont.	107 3	23 0	12 6	296	86	54 sc.	The Minister of Agriculture, Ottawa, Ont.
134107	*Polarine*	Vancouver	1914	Vancouver, B.C.	43 9	14 2	6 0	23	16	4 sc.	Imperial Oil Co., Ltd., Vancouver, B.C.
85759	Polaris	Quebec	1883	Lévis, Que.	118 5	31 4	16 5	533	336	180 sc.	The Quebec & Lévis Ferry Co., Ltd., Quebec, Que.
133727	*Pole Line*	Vancouver	1912	Caulfields, B.C.	44 5	9 5	4 2	18	12	5/16 sc.	Wm. Poole Dryer, and George C. Hinton, Vancouver, B.C.
111494	Pole Nord	Quebec	1899	Quebec, Que.	29 6	7 0	3 5	4	3	5 sc.	Joseph M. Rousseau, Quebec, Que.
138115	*Polheim*	New Westminster	1912	New Westminster, B.C.	40 0	9 2	5 0	12	8	1 sc.	Frederick J. Herstad, New Westminster, B.C.
122475	Pollux	Ottawa	1907	Toronto, Ont.	66 0	22 0	5 2	88	23	3½ pa.	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
134351	*Polly I.*	Montreal	1913	Lachine, Que.	25 0	5 5	2 5	2	2	⅛ sc.	Walter F. B. Henry, Lachine, Que.
126920	*Polly N. S.*	Halifax	1911	Little Tancook, N.S.	35 7	7 8	3 2	8	6	¼ sc.	George Fournier, Halifax, N.S.
116334	Pontiac	Ottawa	1903	Simcoe, Ont.	40 0	16 0	3 6	15	9	20 pa.	Peter Whalen, Ottawa, Ont.
100687	Popcum	New Westminster	1891	Popcum, B.C.	50 0	12 0	3 5	13	8	1 pa.	W. Knight, Popcum, B.C.
126332	*Porcher*	Vancouver	1909	Vancouver, B.C.	28 5	7 6	3 0	7	5	½ sc.	Ernest Easthope, Vancouver, B.C.
138775	Port Alberni	Victoria	1917	Port Alberni, B.C.	46 7	13 5	6 5	35	24	1/16 sc.	James A. Crowl, Alberni, B.C.
126885	Port Douglass	Vancouver	1908	Vancouver, B.C.	32 8	9 4	4 0	13	9	2 sc.	Brooks Scanlon Lumber Co., Ltd., Vancouver, B.C.
138130	*Port Elgin*	New Westminster	1916	Elgin, B.C.	36 0	9 0	4 6	12	8	1⅞ sc.	William J. Hadden, Elgin, B.C.
90765	Port Elgin Queen	Goderich	1886	Port Elgin, Ont.	52 4	14 4	6 3	37	25	35 sc.	Alex. R. Craigie, Tp. of St. Edmund, Ont.

[1]Formerly a sailing vessel. [2]Formerly "Wm. G. Small." [3]Formerly "Prospective." [9]Formerly "Westport." [10]Formerly "Clayoquot."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriètaires conjoints; **M.O.**, Managing owner—propriètaire gèrant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hèlice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
130850	*Port Mann No. 1*	Victoria	1911	Vancouver, B.C.	40 0	9 0	4 6	13	9	1½ sc.	Arthur H. Dawson, McCluelet, B.C.
126203	*Port Mellon Flyer*	Vancouver	1908	Vancouver, B.C.	37 7	10 8	4 8	15	10	1½ sc.	Clarence Dawley, Clayoquot, B.C.
131146	*Port Moody*	Vancouver	1911	Vancouver, B.C.	34 0	8 6	3 2	11	7	1½ sc.	Alexander J. Leitch, Vancouver, B.C.
122390	Port Simpson	Victoria	1908	Victoria, B.C.	136 6	30 4	5 4	607	379	15 pa.	The Hudson's Bay Company, London, Eng.
126014	*Port Wade*	Annapolis Royal	1909	Weymouth, N.S.	43 0	12 0	5 0	17	13	1½ sc.	Andrew D. Malcolm, St. John, N.B.
133905	Portneuf	Sorel	1905	Sorel, Que.	80 0	17 2	8 1	104	31	17 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
138500	*Post*	Montreal	1915	Sanmar, Que.	45 4	10 0	3 9	17	10	2½ sc.	St. Maurice Construction Co., Ltd., Montreal, Que.
134564	*Powder Monkey*	Vancouver	1912	New Westminster, B.C.	32 0	7 4	3 8	9	6	1 sc.	Thomas T. Langlois, Vancouver, B.C.
94798	Powerful	Richibucto	1900	Rexton, N.B.	54 0	11 0	2 6	29	18	20 sc.	J. & F. Jardine, Ltd., Rexton, N.B.
103557	Préfontaine	Montreal	1896 1898 1903	Sorel, Que.	202 0	30 6	8 0	899	533	56 sc.	Alphonse Guertin, Montreal, Que.
112166	Premier	Chatham, N.B.	1903	Chatham, N.B.	38 0	10 4	4 8	9	6	6 sc.	A. F. Bently, M.O., Chatham, N.B.
122441	Premier	St. John, N.B.	1907 1915	Clifton, N.B. Metaghan, N.S.	84·2	21·8	6 0	254	191	20 sc.	David Coy, St. John, N.B.
92735	[1]Premier	Toronto	1888	Hamilton, Ont.	130 0	25 2	9 0	337	219	40 sc.	Thomas B. Climie, *et al.*, Sault Ste Marie, Ont.
138487	*President II*	New Westminster	1916	Gig Harbour, Wash. U.S.A.	59 0	14 3	6 6	33	25	3½ sc.	Packers Steamship Co., Ltd., Vancouver, B.C.
138740	*Prova*	New Westminster	1913	Steveston, B.C.	38 0	8 2	3 6	8	5	1 sc.	Louis True, Ocean Falls, B.C.
134354	*Prevost V*	Montreal	1914	Notre Dame de Pierreville, Que.	35 0	7 1	3 0	5	1	1 sc.	Hormidas Prevost, Varennes, Que.
107594	Primrose	Owen Sound	1899	Owen Sound, Ont.	53 0	11 0	5 0	23	16	9 sc.	James J. McFadden, Sprague, Agoma, Ont.
94990	Primrose	Toronto	1890	Toronto, Ont.	140 2	28 2	6 8	189	119	42 pa.	The Toronto Ferry Co., Ltd., Toronto, Ont.
117197	*Prince*	Kenora	1905	Kenora, Ont.	27 0	6 0	3 0	3	2	1 sc.	Neil Brunsel, Kenora, Ont.
99584	[5]Prince Albert ⊙	Prince Rupert	1892	Hull, G.B.	232 0	30 0	14 1	1,015	587	170 sc.	The Grand Trunk Pacific Development Co., Ltd., Montreal, Que.
107349	[6]Prince Albert	Yarmouth	1901	Shelburne, N.S.	97 0	20 0	8 4	127	64	24 sc.	The Dominion Atlantic Railway Co., Ltd., London, Eng.
110131	Prince Arthur ⊙	Yarmouth	1898	Hull, G.B.	290 5	38 0	16 5	2,188	923	716 sc.	The Boston & Yarmouth Steamship Co., Ltd., Montreal, Que.
80955	Prince Edward Ferry.	Picton, Ont.	1885	Deseronto, Ont.	50 8	18 4	3 0	18	12	12 pa.	Wm. Powles, Picton, Ont.
134206	Prince Edward Island. ⊙	Charlottetown	1915	Walker-on-Tyne, G.B.	285 3	52 2	21 3	2,795	1,110	520 sc.	The Minister of Railways and Canals, Ottawa, Ont.
110003	Prince George ⊙	Yarmouth	1893	Hull, G.B.	290 5	38 0	16 5	2,194	932	716 sc.	The Boston & Yarmouth Steamship Co., Ltd., Montreal, Que.
126476	[7]Prince Ito	Halifax	1900	Kinderdyk, Holland	159 3	28 0	10 2	473	321	243 sc.	Wm. J. Poupore, Montreal, Que.
129172	[8]Prince John ⊙	Prince Rupert	1910	Bowling, G.B.	185 3	29 6	10 9	905	540	103 sc.	The Grand Trunk Pacific Development Co., Ltd., Montreal, Que.

126611	*Prince Olaf*	Prince Rupert	1909	Port Essington, B.C.	28 8	9 0	3 0	4	3	1 sc.	Thorsten M. Orwig, Port Essington, B.C.
126395	Prince Ray	Lunenburg	1909	Lunenburg, N.S.	73 6	18 8	8 2	72	39	24 sc.	The W. J. Poupore, Co., Ltd., Montreal, Que.
103595	Princess	Charlottetown	1896	Grangemouth, G.B.	165 0	26 0	17 7	542	252	90 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
126948	Princess Adelaide⊙	Victoria	1910	Govan, G.B.	290 5	46 1	15 0	3,061	1,910	613 sc.	Canadian Pacific Railway Co., Montreal, Que.
130609	Princess Alice⊙	Victoria	1911	Walsend-on-Tyne, G.B.	290 6	46 1	14 3	3,099	1,904	610 sc.	Canadian Pacific Railway Co., Montreal, Que.
116405	Princess Beatrice⊙	Victoria	1903	Victoria, B.C.	193 4	37 4	15 2	1,290	635	124 sc.	Canadian Pacific Railway Co., Montreal, Que.
126236	Princess Charlotte⊙	Victoria	1908	Govan, G.B.	330 0	46 7	23 7	3,844	1,999	795 sc.	Canadian Pacific Railway Co., Montreal, Que.
122387	Princess Ena⊙	Victoria	1907	Garston, G.B.	195 1	38 2	22 6	1,368	827	75 sc.	Canadian Pacific Railway Co., Montreal, Que.
77903	Princess Louise	Cornwall	1879 1888	Ogdensburg, N.Y., U.S.A.	67 7	13 0	4 2	26	18	25 sc.	A. Smallman, Dundee, Que.
133769	Princess Maquinna⊙	Victoria	1913	Victoria, B.C.	232 5	38 0	14 5	1,777	979	145 sc.	Canadian Pacific Railway Co., Montreal, Que.
126950	Princess Mary⊙	Victoria	1910 1914	Paisley, G.B. Esquimalt, B.C.	248 4	40 1	14 0	2,155	1,346	194 sc.	Canadian Pacific Railway Co., Montreal, Que.
109860	[9]Princess May⊙	Vancouver	1888	Newcastle-on-Tyne, G.B.	249 0	33 2	17 7	1,717	892	450 sc.	Canadian Pacific Ry. Co., Montreal, Que.
115685	[10]Princess Patricia⊙	Victoria	1902	Dumbarton, G.B.	270 0	32 1	11 0	1,158	535	450 sc.	Canadian Pacific Ry. Co., Montreal, Que.
121988	Princess Royal⊙	Victoria	1907	Victoria, B.C.	228 0	40 0	16 6	1,997	981	177 sc.	Canadian Pacific Railway Co., Montreal, Que.
126889	*Princeton*	Vancouver	1910	Vancouver, B.C.	30 9	10 1	3 9	12	8	1⅜ sc.	Canadian Explosives, Ltd., Montreal, Que.
103646	Priscilla	Toronto	1897	Kingston, Ont.	53 2	9 2	4 6	20	14	15 sc.	Mrs. Emma Mickle, Gravenhurst, Ont.
107724	Proctor	Vancouver	1900	Nelson, B.C.	65 0	14 4	5 2	43	29	13 sc.	Canadian Pacific Railway Co., Montreal, Que.
122158	Progressive	Vancouver	1906	Vancouver, B.C.	77 6	18 0	8 8	88	60	34 sc.	Kingcome Navigation Co. Ltd., Vancouver, B.C.
138308	Projective	Vancouver	1916	Vancouver, B.C.	65 0	18 0	7 9	71	48	16 sc.	The Progressive Steamboat Co,. Ltd., Vancouver, B.C.
131153	Pronative	Vancouver	1912	Vancouver, B.C.	57 3	17 0	7 5	55	37	15½ sc.	The Progressive Steamboat Co., Ltd., Vancouver, B.C.
131039	*Pronto*	Vancouver	1912	Vancouver, B.C.	36 0	8 2	3 6	5	3	1⅝ sc.	William Turner, Vancouver, B.C.
141207	*Prospective II*	Vancouver	1918	Vancouver, B.C.	69 3	18 2	8 2	85	39	13 sc.	The Progressive Steamboat Co., Ltd., Vancouver, B.C.
121713	Prospector	Vancouver	1905	Vancouver, B.C.	27 0	7 7	2 3	8	5	½ sc.	John M. Fuller, Vancouver, B.C.
141198	[12]Prosperative	Vancouver	1891	Benicia, Cal., U.S.A.	71 8	20 6	6 8	89	44	16 sc.	The Progressive Steamboat Co., Ltd., Vancouver, B.C.
131025	Protective	Victoria	1912	Vancouver, B.C.	67 5	17 5	7 6	73	50	19½ sc.	Monarch Towing & Trading Co., Ltd., New Westminster, B.C.
133986	*Proven*	New Westmintser	1900	Annieville, B.C.	29 0	9 3	3 0	8	6	1 sc.	John W. C. Lord, New Westminster, B.C.
130554	*Puddle Duck*	Vancouver	1910	Vancouver, B.C.	42 5	9 4	4 4	15	10	1 sc.	Harry de Wolfe King, Vancouver, B.C.
122493	Puffing Billy	Chatham, N.B.	1903	Shippigan, N.B.	35 5	10 0	2 5	9	9	1 pa.	Joseph H. Taylor, Campbellton, N.B.
122073	*Puffing Billy*	Toronto	1905	Waubaushene, Ont.	23 8	5 8	2 9	3	2	⅞ sc.	John Cautley, Minnicoganashene, Ont.
126436	*Pulp*	Vancouver	1909	Vancouver, B.C.	31 5	9 2	4 0	11	7	2 sc.	Ernest Easthope, Vancouver, B.C.
134135	Puncher	Quebec	1914	Sorel, Que.	54 7	14 6	7 0	52	23	13 sc.	War Office, London, Eng.
111923	Puritan	Toronto	1901	Holland, U.S.A.	41 4	6 8	3 0	6	4	... sc.	Priscilla Steam Yacht Co., Ltd., Toronto, Ont.
112080	[13]Purity	Kenora	1902 1914	Kenora, Ont. Rainy River, Ont.	56 3	13 5	6 0	48	33	3 sc.	Western Canada Flour Mills Co., Ltd., Toronto, Ont.
121738	*Pursuit*	Vancouver	1905	Vancouver, B.C.	32 0	10 0	3 3	12	8	¾ sc.	William Main, M.O., Vancouver, B.C.
122630	*Pusher*	Chatham, N.B.	1903	Little Branch, N.B.	28 0	10 0	2 0	15	9	⅜ pa.	Felix Michaud, Buctouche, N.B.
134498	Q. H. C. Dredge No. 2	Quebec	1914	Renfrew, G.B.	152 0	34 1	11 8	520	264	51 sc.	Quebec Harbour Commissioners, Quebec, Que.
130706	[1]*Q. J. T.*	Vancouver	1907	U.S.A.	35 0	9 1	3 0	12	8	2⅔ sc.	Quinton J. Trotter, Vancouver, B.C.
121780	Qu'Appelle	Winnipeg	1907	Port Hyman, Sask.	62 0	17 0	4 0	82	51	10⅓ sc.	Wm. Pearson Co., Ltd., Winnipeg, Man.
96899	Quadra	Vancouver	1891	Paisley, G.B.	174 5	31 1	13 6	683	375	120 sc.	Quadra Steamship Co., Ltd., Britannia Beach, B.C.
130607	[2]Qualicum	Victoria	1901	Philadelphia, Pa., U.S.A.	96 0	22 0	11 9	200	98	42½ sc.	Canadian Pacific Railway Company, Montreal, Que.
130750	*Qualis*	Vancouver	1911	Vancouver, B.C.	40 2	11 3	5 3	16	11	1½ sc.	Thos. W. Whitman, Vancouver, B.C.
126639	[3]*Quascilla*	Vancouver	1906	Seattle, Wash., U.S.A.	33 0	11 8	4 0	13	9	1½ sc.	John and Wm. L. Ford, Hornby Island, B.C.
134070	*Quathiaski*	Vancouver	1913	Steveston, B.C.	44 0	12 4	6 0	23	15	1 sc.	Quathiaski Canning Co., Ltd., Quathiaski Cove, B.C.
133728	[4]*Quathiaski No. 2*	Vancouver	1905	Ballard, Wash., U.S.A.	38 0	11 2	3 2	14	10	⅝ sc.	Quathiaski Canning Co., Ltd., Quathiaski Cove, B.C.
130793	*Quathiaski No. 3*	Vancouver	1911	Steveston, B.C.	42 7	10 8	4 5	16	11	2 sc.	Quathiaski Canning Co., Ltd., Quathiaski Cove, B.C.
131040	*Quathiaski No. 5*	Vancouver	1912	Steveston, B.C.	52 7	13 3	6 4	37	25	3½ sc.	William E. Anderson, Quathiaski Cove, B.C.
137934	*Quathiaski No. 7*	Vancouver	1915	Steveston, B.C.	47 7	13 1	6 0	30	21	3 sc.	William E. Anderson, Quathiaski Cove, B.C.
138155	*Quathiaski No. 8*	Vancouver	1916	Steveston, B.C.	48 8	13 1	6 1	29	19	1 sc.	Wm. E. Anderson, Quathiaski Cove, B.C.
138156	*Quathiaski No.10*	Vancouver	1916	Steveston, B.C.	50 0	11 4	4 5	21	14	2 sc.	Wm. E. Anderson, Quathiaski Cove, B.C.
138005	*Quatse*	Port Arthur	1916	Port Arthur, Ont.	50 6	11 0	4 8	21	9	3 sc.	James Whalen, Port Arthur, Ont.
133780	*Quatsino*	Victoria	1913	Vancouver, B.C.	45 0	13 5	7 0	26	14	1 sc.	Robert E. Montgomery, Victoria, B.C.

[1] Foreign name "The Bell." [2] Foreign name "Colima." [3] Foreign name "White Wings." [4] Foreign name "Josie." [5] Formerly "Bruno." [6] Formerly "Messenger."
[7] Foreign name "Triton." [8] Formerly "Amethyst." [9] Formerly "Hating." [10] Formerly "Queen Alexandra." [11] Formerly "Lincoln" and "Greyhound." [12] Foreign name "Royal."
[13] Formerly "Five Roses" and "Edith."

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96916	Quebec	Kingston	1867	Bedford Mills, Ont.	110 2	23 4	5 1	108	60	45 sc.	Percy Johnston, *et al.*, Tp. of Gloucester, Ont.
122405	Quebec	Montreal	1865 1907	Sorel, Que.	311 0	64 1	12 0	3,498	2,013	120 pa.	Canada Steamship Lines, Ltd., Montreal, Que.
122478	*Quebec*	Ottawa	1907	Carleton Place, Ont.	30 6	7 1	3 0	5	4	1½ sc.	Temiskaming Navigation Co., Ltd., Mattawa, Ont.
107619	Queen	Ottawa	1899	North Bay, Ont.	50 2	9 3	4 8	15	12	8 sc.	R. Farries, *et al.*, North Bay, Ont.
92335	Queen	Quebec	1886	Lévis, Que.	117 0	31 6	14 8	367	249	75 sc.	The Quebec & Levis, Ferry Co., Ltd., Quebec, Que.
134285	Queen	Victoria	1914	New Westminster, B.C.	84 7	20 6	8 0	115	68	23 sc.	Queen City Trading & Transportation Co., Ltd., Victoria, B.C.
103482	[2]Queen City	Vancouver	1894	Vancouver, B.C.	116 0	27 0	17 3	357	181	25 sc.	Kingsley Navigation Co., Ltd., Vancouver, B.C.
126415	Queen of Temagami	Toronto	1909	Temagami, Ont.	71 5	12 6	6 0	36	25	12 sc.	Temagami Steamboat & Hotel Co., Ltd., Temagami, Ont.
90567	Queen of the Isles	Toronto	1885	Orillia, Ont.	72 0	11 0	4 3	40	27	11 sc.	Muskoka Leather Co., Ltd., Toronto, Ont.
126245	Quesnel	Victoria	1909	Quesnel, B.C.	70 0	16 2	3 7	130	77	3 pa.	Telesphore Marion, Quesnel, B.C.
138771	[6]*Quinault*	Victoria	1909	Friday Harbour, Wash., U.S.A.	41 0	12 0	3 6	15	7	2 sc.	The Straits Fish Co., Ltd., Nanaimo, B.C.
134413	*Quinitsa*	Prince Rupert	1914	Vancouver, B.C.	50 9	13 0	6 7	30	20	4 sc.	Hume B. Babington, Prince Rupert, B.C.
126437	*Quinnat*	Vancouver	1909	Port Nelson, B.C.	40 5	11 8	4 7	16	11	2¾ sc.	H. Bell Irving & Co., Ltd., Vancouver, B.C.
111665	[7]Quinté Queen	Kingston	1902	Valleyfield, Que.	99 5	20 9	4 7	203	143	13 sc.	Capital Park Co , Ltd., Kettle Island, Que.
140977	*R. H.*	New Westminster	1918	Eburne, B.C.	19 0	5 6	3 0	1	1	½ sc.	Rasmus Hansen, Eburne, B.C.
130488	*R. H. A.*	New Westminster	1911	Vancouver, B.C.	49 6	12 0	3 9	19	11	3½ sc.	St. Mungo Canning Co., Ltd., New Westminster, B.C.
141204	*R. S.*	Vancouver	1918	Vancouver, B.C.	41 4	12 2	5 1	19	13	2 sc.	Renzo Suzumoto, Vancouver, B.C.
138293	*R. S. J. No. 1*	Vancouver	1916	Vancouver, B.C.	31 0	8 0	3 7	8	5	1 sc.	Robt. S. Jackson, Vancouver, B.C.
100125	R. C. Brittain	Wallaceburg	1877	Toledo, O., U.S.A.	142 2	24 0	8 0	213	149	13 sc.	Wm. Scott, Wallaceburg, Ont.
90541	[8]R.G.A. Weaver	Toronto	1886 1912	Buffalo, N.Y., U.S.A. Toronto, Ont.	61 6	17 2	9 0	81	30	3½ sc.	The Montreal Transportation Co., Ltd., Montreal, Que.
126230	[9]R. G. Shaw	Sarnia	1878	Buffalo, N.Y., U.S.A.	40 0	12 0	6 2	28	16	4 sc.	Cleveland-Sarnia Saw Mills Co., Ltd., Sarnia, Ont.
111971	R. H. Dobson	Southampton	1902	Goderich, Ont.	75 0	14 7	6 9	44	30	14 sc.	Dobson & McLeod, Southampton, Ont.
111853	R. J. Morrell	Owen Sound	1901	Meaford, Ont.	68 0	13 0	6 0	40	27	13 sc.	Jas. Pilgrim, Meaford, Ont.
126630	*R. J. Skinner*	Vancouver	1909	Vancouver, B.C.	48 0	11 5	5 4	27	18	2½ sc.	The Chief Commissioner of Lands for British Columbia, Victoria, B.C.
116472	R. R. Call	Chatham, N.B.	1904	Chatham, N.B.	53 6	13 0	5 3	23	16	8 sc.	F. J. Allard, Carleton, Que.
130647	R. R. Foster	Ottawa	1912	Ottawa, Ont.	105 4	22 2	6 6	135	82	4 sc.	Rideau Canal Supply Co., Ltd., Ottawa, Ont.
83154	R. Anglin	Belleville	1869	Kingston, Ont.	97 3	22 9	5 4	97	52	2 sc.	Rideau Canal Supply Co., Ltd., Ottawa, Ont.
100935	R. Hurdman	Ottawa	1892	Kippewa, Que.	103 0	19 7	6 6	93	68	45 sc.	A. Lumsden, Ottawa, Ont.
100630	[10]Racey	Port Dover	1903	Buffalo, N.Y., U.S.A.	55 0	14 7	7 6	25	17	4sc.	C. W. Barewell and P. C. Robinson, J.O., Port Dover, Ont.
138348	Ragus	Halifax	1917	Mahone Bay, N.S.	72 1	22 3	7 3	78	43	24 sc.	Acadia Sugar Refining Co., Ltd., Halifax, N.S.

103926	Rainbow	Peterborough	1898 1901 1909	Birdsall, Ont.	90 0	14 0	4 0	56	38	9 sc.	Francis Burnett, Birdsall, Ont.
130718	*Rainy Lake*	Kenora	1909	West Superior, Wis., U.S.A.	66 0	10 0	5 0	31	21	4 sc.	Narcisse and John Gagné, Fort Frances, Ont.
130951	Rakwana	Lunenburg	1912	Tancook, N.S.	40 2	10 5	5 7	12	11	⅓ sc.	Louis Longue, North Sydney, N.S.
138159	*Ralaco*	Vancouver	1911	Vancouver, B.C.	27 2	6 5	2 8	3	2	1 sc.	Alfred W. LePage, Vancouver, B.C.
126264	*Ralph C.*	Toronto	1908	Fesserton, Ont.	32 0	8 6	4 0	12	7	3 sc.	Walter Wm. Carter, Fesserton, Ont.
90725	Ralph E.S.	Halifax	1886	Mahone Bay, N.S.	56 0	13 2	6 2	28	19	20 sc.	Tug "Ralph E. S." Ltd., Halifax, N.S.
116400	[11]Ralph T. Holcomb	Sarnia	1898	Marine City, Wis., U.S.A.	133 5	30 2	9 2	375	165	42 sc.	The Edwardsburg Starch Co., Ltd., Montreal, Que.
107591	Rambler	Owen Sound	1898	Owen Sound, Ont.	48 2	8 8	5 0	6	4	14 sc.	Wm. J. Spears, Tobermory, Ont.
117003	Rambler	Vancouver	1904	Vancouver, B.C.	23 0	6 2	2 6	2	1	⅓ sc.	Cyril J. Haney, Port Haney, B.C.
121754	Rambler	Vancouver	1906	Vancouver, B.C.	31 0	10 0	4 6	15	10	½ sc.	James J. Dougan, Vancouver, B.C.
122157	*Rambler*	Vancouver			40 6	7 6	4 0	11	7	2 sc.	Mrs. Harriett Ford, Port Hammond, B.C.
103655	Rambler	Winnipeg	1896	Kenora, Ont.	46 7	10 4	4 5	26	18	1 sc.	C. G. Pennock and E. F. Kendall, Kenora, Ont.
138114	*Rambler No. 2.*	New Westminster	1914	Vancouver, B.C.	30 0	8 0	4 0	9	6	1 sc.	Arthur Hird, Eburne, B.C., M.O.
100397	[12]Ramona	Brockville	1894 1908	Hamilton, Ont. Huntsville, Ont.	77 4	19 0	5 0	102	83	8 sc.	The Huntsville Lake of Bays & Lake Simcoe Navigation Co., Ltd., Huntsville, Ont.
116615	Rampart	Dawson	1908	Dawson, Y.T.	42 8	9 0	1 7	5	3	1 pa.	Daniel Cadzow, Rampart House, Y.T.
134190	Randolph	St. John, N.B.	1916	The Range, N.B.	41 4	11 6	4 6	16	11	8 sc.	The St. John River Log Driving Co., Fredericton, N.B.
92395	Ranger	Deseronto	1888	Kingston, Ont.	46 5	10 6	4 3	14	8	25 sc.	Thomas Walsh, Kenora, Ont.
94841	Ranger	Windsor, Ont.	1888	Walkerville, Ont.	44 4	7 5	3 7	8	5	5 sc.	Wm. Parker, Sandwich, Ont.
134411	*Ranger II*	Vancouver			27 6	9 2	4 0	13	9	½ sc.	Allan W. Cameron and John T. Margetts, Vancouver, B.C.
122407	Rapids King ⊙	Montreal	1907	Toronto, Ont.	239 0	40 0	9 5	1,801	1,199	155 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
130418	Rapids Prince	Montreal	1910	Toronto, Ont.	196 6	37 0	8 2	1,384	955	101 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
101254	[1]Rapids Queen	Montreal	1892 1901 1909	Chester, Pa., U.S.A. Sorel, Que. Sorel, Que.	194 4	33 3	8 8	1,307	770	96 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
117198	Rat Portage	Kenora	1905	Kenora, Ont.	38 5	8 0	3 5	15	10	1 sc.	Rat Portage Lumber Co., Ltd., St. Boniface, Man.
126363	Ray C.	Montreal	1908	Cornwall, Ont.	59 4	13 8	4 2	29	14	6 sc.	Lyon Cohen, Montreal, Que.
130231	Ray Stanton	Kingston	1910	Collingwood, Ont.	61 0	13 5	6 3	34	20	8 sc.	Grant Pyke, Wolfe Island, Ont.
134737	Rayond'or	Halifax	1912	Beverley, G.B.	140 0	24 1	13 0	342	191	68 sc.	Golden Ray Fishing Co., Ltd., Montreal, Que.
130569	*Rebecca M. L.*	Lunenburg	1911	Tancook, N.S.	41 4	10 3	5 3	12	11	⅜ sc.	Nathaniel Levy, Little Tancook, N.S.
100050	Recluse	Brockville	1897	New York, N.Y., U.S.A.	18 5	8 3	2 1	3	2	2 sc.	E. H. Bissett, Brockville, Ont.
130902	*Redonda*	Vancouver	1912	Vancouver, B.C.	31 0	8 7	4 4	10	7	1 sc.	Gerald T. Seaton, Vancouver, B.C.
112303	Redwing	Winnipeg	1904	Selkirk, Man.	65 0	10 0	7 0	23	16	5 sc.	The Superintendent General of Indian Affairs, Ottawa, Ont
138179	*Regal R.*	Prince Rupert	1910	Prince Rupert, B.C.	27 5	10 0	4 0	8	5	1 sc.	John A Swanson, Prince Rupert, B.C.
100654	Reginald	Sarnia	1894	Garden Island, Ont.	120 6	20 0	9 7	265	122	48 sc.	The Victoria Lumber Co., Ltd., Toronto, Ont.
138372	Reginolite ⊙	Sarnia	1917	Collingwood, Ont.	250 0	43 8	23 5	2,631	1,391	124 sc.	The Imperial Oil Co., Ltd., Sarnia, Ont.
90569	[2]*Reindeer*	Toronto	1886	Port Credit, Ont.	44 5	13 4	3 6	14	8	¼ sc.	Mark Blowers, Port Credit, Ont.
126603	[3]Reliable	Chatham, N.B.	1901	Wilmington, Del., U.S.A.	90 0	23 0	11 0	208	112	68 sc.	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
97115	Reliance	Sault Ste. Marie	1892	Collingwood, Ont.	124 0	23 0	11 6	311	182	66 sc.	Lake Superior Paper Co., Ltd., Sault Ste. Marie, Ont.
85281	Reliance	Montreal	(1881) (1889)	Deseronto, Ont.	120 0	23 5	9 0	239	169	25 sc.	Arthur L. Donaghue, Montreal, Que.
103166	Reliance	Vancouver	1897	New Westminster, B.C.	54 0	12 4	6 1	36	25	8 sc.	Kingcome Navigation Co., Ltd., Vancouver, B.C.
117114	Reliance	Vancouver	1905	Vancouver, B.C.	26 8	8 6	3 9	10	7	⅓ sc.	D. S. Gray, Vancouver, B.C.
130650	*Reliance C.*	Ottawa	1914	Elk Lake, Ont.	47 8	10 2	4 0	19	16	2⅔ sc.	Joel Laishley, Toronto, Ont., and Wm. Kervin, Callander, Ont. J.O.
138682	*Renfrew*	Vancouver	1917	Gig Harbour, Wash., U.S.A.	51 8	14 9	6 7	35	24	2⅓ sc.	Lummi Bay Packing Co., Ltd., Vancouver, B.C.
138673	*Rennell*	Prince Rupert	1917	Prince Rupert, B.C.	50 0	12 3	6 1	21	14	1½ sc.	R. Beaumont and C. H. Nicholson, J.O., Vancouver, B.C.
126836	Renvoyle	Toronto	1910	Port Glasgow, G.B.	250 0	42 7	16 3	1,830	1,176	157 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
92573	[4]Rescue	Halifax		G.B.	104 0	21 8	7 5	121	84	30 sc.	Wm. McFatridge, Halifax, N.S.
88244	Rescue	Port Arthur	1885	Deseronto, Ont.	62 0	16 0	7 0	52	36	9 sc.	Superior Sand & Towing Co., Ltd., Fort William, Ont.
85719	[5]Reserve	Ottawa	1884 1905	Buffalo, N.Y., U.S.A. Prescott, Ont.	80 4	17 5	5 8	114	37	5 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
126898	*Resort*	Vancouver	1910	North Vancouver, B.C.	45 2	11 8	5 4	25	19	2 sc.	Herbert Whitaker, Sechelt, B.C.

[1] Formerly "Brockville" and "Columbian." [2] Formerly a sailing vessel. [3] Foreign name "American." [4] Formerly H. M. gunboat "Charger." [5] Formerly "Alaska."
[6] Foreign name "Esther". [7] Formerly "Salaberry." [8] Foreign name "Nellie Reid." [9] Foreign name "Harley." [10] Foreign name "Planet." [11] Formerly "Isaac Lincoln."
[12] Formerly "Dortha" and "Lizzie."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
133768	Respond	Victoria	1913	Vancouver, B.C.	49 5	14 5	6 0	30	16	9 sc.	William E. Gardner, Victoria, B.C.
130642	[2]Restigouche	Ottawa	1900	Kinderdyk, Holland	156 0	33 0	10 2	470	319	60 sc.	The Minister of Public Works, Ottawa, Ont.
117159	Restless	New Westminster	1906	New Westminster, B.C.	71 0	17 0	7 0	76	53	16 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
111868	Reta	Ottawa	1902	Britannia, Ont.	35 5	8 6	2 6	2	1	4 sc.	Charles W. S. Dunn, Grimsby, Ont.
107589	Reita	Lindsay	1899	Lindsay, Ont.	29 0	5 2	2 0	2	1	3 sc.	Joseph Brown, Lindsay, Ont.
122494	Rex	Chatham, N.B.	1907	Chatham, N.B.	77 0	19 4	5 5	60	38	10 pa.	John W. Brankley, Chatham, N.B.
122514	Rex	Vancouver	1907	Vancouver, B.C.	38 0	10 0	4 0	14	9	5 sc.	Geo. A. Graham, Denman Island, B.C.
122625	Rexton	Chatham, N.B.	1908	Rexton, N.B.	64 0	14 0	4 0	35	22	4 pa.	John M. Burns, M.O., Rexton, N.B.
130457	*Rhinegold*	Vancouver	1911	Vancouver, B.C.	35 0	8 5	4 6	10	7	1½ sc.	Ivan G. Campbell, Vancouver, B.C.
131207	*Rhoda C*	Liverpool	1908	Tancook, N.S.	37 8	11 1	5 6	11	10	½ sc.	James B. Campbell, Mainadieu, Cape Breton, N.S.
133822	[3]Richard W.	Montreal	1891	Milwaukee, Wis., U.S.A.	236 1	36 3	19 3	1,493	905	88 sc.	"Richard W." Limited, Quebec, Que.
134370	Richelieu	Sorel	1915	Sorel, Que.	96 3	22 5	6 9	191	118	13 sc.	J. L. Leclaire, Sorel, Que.
130661	[1]*Richibucto Pearl*	Richibucto	1911	Peter's Mills, N.B.	35 0	11 3	5 0	12	10	½ sc.	M. Boudreau, Inkerman, N.B.,
117023	Richmond	Sydney, N.S.	1905	Sydney, N.S.	112 5	18 0	8 3	162	105	20 sc.	The Richmond Steamship Co., Ltd., Sydney, N.S.
126641	*Ride A Wee*	Port Dover	1909	Long Point, Ont.	27 0	10 0	3 0	6	4	⅝ sc.	Harry W. Ansley, Port Dover, Ont.
96920	[4]Rideau King	Kingston	1893	Kingston, Ont.	107 0	23 4	6 0	266	197	12 sc.	The Rideau Lakes Navigation Co., Ltd., Kingston, Ont.
107742	Rideau Queen	Kingston	1900	Kingston, Ont.	108 0	27 3	6 9	351	196	25 sc.	The Rideau Lakes Navigation Co., Ltd., Kingston, Ont.
111946	Riffle	New Westminster	1902	Kamloops, B.C.	45 0	11 0	3 5	37	23	2 pa.	The Lamb-Watson Lumber Co., Ltd., Arrowhead, B.C.
130561	[1]*Right Away*	Lunenburg	1911	Tancook, N.S.	45 0	13 3	6 8	21	19	⅓ sc.	William J. Martell, Petit de Grat, N.S.
133729	*Rip Rap*	Vancouver	1912	Vancouver, B.C.	40 0	10 3	4 4	14	10	1 sc.	Wm. F. Wright, M.O. Vancouver, B.C.,
97118	Ripple	Collingwood	1892	Collingwood, Ont.	32 0	8 0	3 7	5	4	1 sc.	Peter Chesterfield, Richard's Landing, Ont.
112047	Ripple	St. Catharines	1902	St. Joseph, Mich., U.S.A.	15 4	5 3	3 7	2	1	1½ sc.	J. P. Gibbons, Port Colborne, Ont.
96806	[1]*Rising Sun*	Halifax	1891	Chezzetcook, N.S.	50 7	17 4	6 6	32	30	1½ sc.	Richard Christian, Upper Prospect, N.S.
130358	[1]*Risk*	Arichat	1914	Arichat, N.S.	31 0	12 0	6 0	11	10	⅝ sc.	Jeantie LeBlanc, Arichat, N.S.
134048	Rita H.	Lunenburg	1904	Mahone, Bay, N.S.	39 6	10 9	5 3	11	10	⅝ sc.	Andrew Himmelman, LaHave, N.S.
66064	Rival	Montreal	1873	St. Colombe, Que.	120 0	23 0	8 4	125	36	60 pa.	Sincennes-McNaughton Line Ltd., Montreal, Que.
96894	River Belle	Ottawa	1891	Chalifeau L'ng. Que.	40 0	8 5	4 5	14	11	20 sc.	Daniel Johnson, Combermere, Ont.
137972	*River Side I*	Montreal	1915	Sherbrooke, Que.	36 8	7 3	2 5	5	5	⅝ sc.	Hermenegild Thibault, Sherbrooke, Que.
137973	*River Side II*	Montreal	1910	Megantic, Que.	36 3	7 0	2 4	4	4	⅝ sc.	Hermenegild Thibault, Sherbrooke, Que.
117126	*River View*	Kingston	1903	Penetang, Ont.	29 4	7 6	2 9	5	3	⅝ sc.	F. Shipman, Ivy Lea, Ont.
137898	[5]Riverton ⊙	Toronto	1896	Bay City, Mich., U.S.A.	451 0	46 6	23 1	1,423	2,684	196 sc.	Matthews Steamship Co., Ltd., Toronto, Ont.
121732	*Roamer*	Vancouver	1905	Vancouver, B.C.	17 7	5 1	2 1	1	1	⅛ sc.	G. J. Palmer, Vancouver, B.C.
122360	Rob. G. Weddell	Kingston	1907	Trenton, Ont.	66 1	16 0	7 8	45	19	28 sc.	Robert Weddell, Trenton, Ont.

111585	Rob Roy	Peterborough	1900 1904	Peterborough, Ont.	41 0	7 4	3 4	13	10	½ sc.	Joseph G. Le Vasseur, Peterboro', Ont.
111915	Rob Roy	Toronto	1899	Pefferlaw, Ont.	30 0	7 5	3 0	5	3	1 sc.	Norman Bennet, Orillia, Ont.
77830	Robbie Burns	Halifax	1876	Dartmouth, N.S.	72 4	25 0	7 0	89	73	20 sc.	The Halifax Dredging Co., Ltd., Halifax, N.S.
122456	[7]*Robert Austin*	Weymouth	1907	Meteghan, N.S.	36 1	11 2	5 0	14	8	2⅔ sc.	A. P. Tippett, Montreal, Que.
133979	Robert C. Hammond.	New Westminster	1913	Fort George, B.C.	101 0	21 6	4 2	250	158	5 pa.	Fort George Lake & River Transportation Co., Ltd., Fort George, B.C.
112191	Robert Downey	Chatham, Ont.	1893	Buffalo, N.Y., U.S.A.	58 0	14 5	7 0	37	25	8 sc.	The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.
85320	Robert Dunsmuir	New Westminster	1883	New Westminster, B.C.	105 0	17 5	6 7	152	96	18 sc.	Ocean Falls Co., Ltd., Vancouver, B.C.
130622	Robert G. Cann	Yarmouth	1911	Shelburne, N.S.	119 0	24 6	9 4	265	112	41⅓ sc.	Hugh Cann & Son, Ltd., Yarmouth, N.S.
126648	Robert K.	Port Dover	1917	Port Dover, Ont.	68 6	17 4	6 8	57	39	16 sc.	William F. Kolbe, Port Dover, Ont.
134019	[8]Robert L. Fryer	Port Arthur	1888	West Bay City, Mich, USA	281 0	41 5	20 0	2,033	1,158	129 sc.	Henderson Transfer and Lighteridge Co., Ltd., Fort William, Ont.
107419	Robert Mackay	Montreal	1899	Lévis, Que.	79 2	17 6	11 9	129	87	43 sc.	Harbour Commissioners of Montreal, Montreal, Que.
94921	Robert McDonald	Kingston	1890 Picton, Ont. 1907 Kingston, Ont. 1915 Kingston, Ont.		91 0	19 0	6 4	97	50	18 sc.	Arthur Sudds, M.O., Kingston, Ont.
131109	Robert R. Rhodes	Montreal	1887	Cleveland, O., U.S.A.	246 3	40 0	18 6	1,599	957	80 sc.	George Hall Coal Company of Canada, Ltd., Montreal, Que.
133992	*Robichaud*	Chatham, N.B.	1913	Lamek, N.B.	32 6	10 0	4 6	12	10	⅝ sc.	Alfred J. Morrison, Burnt Church, N.B.
122024	Robie M.	Halifax	1907	Liverpool, N.S.	76 6	16 6	7 3	67	31	9½ sc.	Harry J. Mathers, Halifax, N.S.
131154	*Robinette*	Vancouver	1912	Vancouver, B.C.	33 1	8 1	3 9	9	6	1½ sc.	Horace Williamson, Vancouver, B.C.
130458	*Roche Point*	Vancouver	1910	Vancouver, B.C.	75 5	17 6	8 2	76	52	9½ sc.	West Coast Transportation Co., Ltd., Port Alberni, B.C.
85494	Rock	Collingwood	1883	Midland, Ont.	43 6	11 8	6 8	14	10	16 sc.	James Anderson, M.O., Midland, Ont.
130419	[6]Rock Ferry	Montreal	1882	Detroit, Mich., U.S.A.	237 0	36 8	18 2	1,454	716	90 sc.	George Hall Coal Company of Canada, Ltd., Montreal, Que.
107879	Rockaway	Lindsay	1901	Lindsay, Ont.	36 6	6 5	2 5	7	5	6 pa.	T. H. DeCew, Fenelon Falls, Ont.
107216	Rocket	Winnipeg	1899	Selkirk, Man.	76 0	15 0	6 8	56	21	16 sc.	Manitoba Transport Co., Ltd., Winnipeg, Man.
131126	Rockland	Ottawa	1912	Rockland, Ont.	76 8	16 8	6 8	75	38	6 sc.	George Charron and Hilaire Bray, Gatineau Point, Que., J.O.
138622	Roddy S.	Winnipeg	1918	Selkirk, Man.	71 5	15 8	6 4	58	39	13 sc.	The Northern Fish Co., Ltd., Selkirk, Man.
137954	*Rohan*	Vancouver	1913	Seal Island, B.C.	32 0	8 0	3 6	8	5	1 sc.	Samuel Beaudet, Sayward, B.C.
137984	*Rolyat*	Kingston	1905	Picton, Ont.	40 0	23 4	3 0	9	5	1 pa.	Quinte Transfer Co., Ltd., Belleville, Ont.
112348	Rona	Liverpool	1903	Liverpool, N.S.	75 2	19 3	7 5	70	42	16 sc.	The Minister of Public Works, Ottawa, Ont.
138745	*Ronald*	Yarmouth	1914	Kelley's Cove, N.S.	34 2	12 2	5 8	16	15	1½ sc.	Arthur Payson, Yarmouth, N.S.
131095	*Ronald B.*	Shelburne	1913	Shelburne, N.S.	68 7	18 0	9 0	45	40	1 sc.	Mrs. Lucy Herrick, *et al.*, Shelburne, N.S.
130946	*Ronald C.*	Lunenburg	1911	Lunenburg, N.S.	45 0	11 2	5 6	15	14	⅜ sc.	Clarence Tanner, Black Rocks, N.S.
138302	*Roona*	Vancouver	1916	Vancouver, B.C.	34 2	9 1	3 7	5	3	1 sc.	Edward Lloyd, Port Moody, B.C.
130928	Rosalie L.	Montreal	1912	Sorel, Que.	61 4	15 7	8 7	74	38	28 sc.	The Sincennes-McNaughton Line, Ltd., Montreal, Que.
126831	*Rosalind C.*	Toronto	1910	Hamilton, Ont.	47 0	9 8	4 4	18	15	3½ sc.	John Kirwin, Callander, Ont.
130272	Rosamond Billett	Winnipeg	1910	Winnipeg, Man.	163 5	40 7	9 6	679	462	56 sc.	Norman A. Rule, Winnipeg, Man.
130689	[1]*Rosanna T.*	Lunenburg	1906	Lunenburg, N.S.	42 6	10 6	5 5	11	10	⅜ sc.	Israel Tanner, Eastern Points, N.S.
138305	*Rose City*	Vancouver	1913	Tacoma, Wash., U.S.A.	42 6	13 7	5 7	24	17	2 sc.	Lummi Bay Packing Co., Ltd., Vancouver, B.C.
95265	Rosedale	Hamilton	1888	Sunderland, G.B.	246 1	35 0	21 1	1,507	977	106 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
138350	Roseina B.	Halifax	1917	Mahone Bay, N.S.	123 2	21 7	9 3	320	181	54 sc.	Charles anf George Brister, Halifax, N.S.
122122	Rosemary	Halifax	1906	Sable River, N.S.	66 1	14 6	5 9	41	28	8 sc.	Tug "Rosemary" Ltd., Halifax, N.S.
122212	Rosena	Toronto	1906 1908	Gregory, Ont.	40 0	8 0	3 0	8	6	2 sc.	Charles John Henry Ames, Muskoka, Ont.
111660	Roseneath	Montreal	1901	Racine, Wis., U.S.A.	20 0	5 5	2 6	1	1	1 sc.	François R. F. Brown, Montreal, Que.
130509	*Roseway*	Shelburne	1912	Shelburne, N.S.	71 8	17 7	8 1	42	37	1½ sc.	James M. Walker, Yarmouth, N.S.
134281	Rosie B.	Vancouver	1914	Saltspring Island, B.C.	39 0	9 0	4 0	9	6	1 sc.	National Timber Co., Ltd., Vancouver, B.C.
80588	Rosseau	Toronto	1880	Gravenhurst, Ont.	70 0	11 6	5 0	53	36	20 sc.	Alfred Mortimer, Mortimer's Point, Muskoka, Ont.
107142	Rossland	Vancouver	1897	Nakusp, B.C.	183 4	29 1	7 0	884	532	32 pa.	Canadian Pacific Ry. Co., Montreal, Que.
138002	Rossport	Port Arthur	1915	Port Arthur, Ont.	55 2	12 1	6 1	19	8	5 sc.	Frederick Gerow, Rossport, Ont.
126737	*Rosswynne*	Vancouver	1909	Vancouver, B.C.	35 0	8 0	3 6	9	6	1 sc.	Charles G. Sixsmith, Vancouver, B.C.
130251	Rotundus	Windsor, N.S.	1910	Shelburne, N.S.	92 0	20 6	6 8	123	66	19 sc.	SS. "Rotundus" Co., Ltd., Summerville, N.S.
134277	*Rounder*	Victoria	1914	Fort George, B.C.	45 5	7 1	2 5	7	5	1 sc.	Harry Bloom, Alexander Freed and O. F. Browne, South Fort George, B.C.
126528	Rouville	Ottawa	1906	Sorel, Que.	125 0	26 0	14 2	301	141	54 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.

[1]Formerly a sailing vessel. [2]Foreign name "Nereus." [3]Foreign name "Pueblo." [4]Formerly "James Swift." [5]Formerly "L. C. Waldo." [6]Foreign name "Merrimac."
[7]Formerly "Meteghan I". [8]Recovered wreck.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
121918	Rover	Kenora	1907	Kenora, Ont.	30 0	10 5	4 0	11	7	1 sc.	The Armstrong Trading Co., Ltd., Portage la Prairie, Man.
111884	Rover	Peterborough	1905	Peterboro, Ont.	40 0	9 5	3 2	19	12	2 pa.	The Dickson Co., Ltd., Peterboro, Ont.
122518	*Rover*	Vancouver	1907	Vancouver, B.C.	39 0	11 0	4 8	19	13	1½ sc.	Alfred Wallace and Hume B. Babington, J.O., Vancouver, B.C.
130925	*Rowdy*	Montreal	1912	Montreal, Que.	35 0	7 6	4 1	7	5	2 sc.	Alfred Normandin, Outremont, Montreal, Que.
107363	Roy	Toronto	1898	Victoria Harbour, Ont.	31 0	8 1	3 7	6	4	1 sc.	The Georgian Bay Hotel Co., Ltd., Parry Sound, Ont.
138284	*Roy B. Dick*	Chatham, N.B.	1916	Point Sapin, N.B.	37 2	12 0	5 4	13	10	1 sc.	W. S. Loggie Co., Ltd., Chatham, N.B.
117081	Roy Mac	Toronto	1905	Collingwood, Ont.	44 0	12 0	6 6	23	16	4 sc.	Roger Miller & Sons, Ltd., Toronto, Ont.
116667	*Royal*	Midland	1906	Honey Harbour, Muskoka, Ont.	31 4	7 6	3 2	5	3	2 sc.	Fred, Earnest, Phileas and George Grisé, Midland, Ont.
134513	Royalite ⊙	Sarnia	1916	Collingwood, Ont.	250 0	43 1	16 6	2,052	1,542	95 sc.	Imperial Oil Co., Ltd., Sarnia, Ont.
88562	Ruby	Kingston	1879	Garden Island, Ont.	23 4	5 6	2 5	2	1	4 sc.	Chas. Stewart, Lansdowne, Ont.
116991	Ruby	Ottawa	1903	Barry's Bay, Ont.	41 6	9 3	4 0	11	9	1 sc.	Ontario Corundum Co., Ltd., Toronto, Ont.
116339	Ruby	Ottawa	1903	Hull, Que.	31 0	7 1	3 0	2	2	4 sc.	F. L. Vandusen and A. Milne, J.O., Hull, Que.
111582	Ruby	Peterborough	1893	Peterborough, Ont.	32 0	6 7	3 5	7	5	4 sc.	H. E. Ford, Norwood, Ont.
122148	Ruby L.	Annapolis Royal	1907	Margaretville, N.S.	90 0	20 4	8 6	119	51	16½ sc.	The Margaretville Steamship Co., Ltd., Margaretville, N.S.
126057	[1]Runabout	Owen Sound		U.S.A.	41 0	8 4	5 0	9	6	1 sc.	Frederick Wright, *et al.*, Wiarton, Ont.
111990	Rupert	Vancouver	1900	Hong Kong	24 5	6 6	3 6	3	2	1 sc.	John R. Reid and James R. Turner, Vancouver, B.C.
103848	Russell	Ottawa	1896	Rockland, Ont.	79 8	17 0	7 0	76	45	57 sc.	W. C. Edwards & Co., Ltd., Rockland, Ont.
100024	[4]Russell Roque	Toronto	1890 1909	Roaches Point, Ont. Wiarton, Ont.	66 0	13 0	6 8	39	27	9 sc.	Joseph Roque, Killarney, Algoma, Ont.
97193	Rustler	Chatham, N.B.	1891	Newcastle, N.B.	97 4	20 6	4 6	102	64	20 pa.	The Newcastle Steamboat Co., Ltd., Newcastle, N.B.
116451	Rustler	Vancouver	1903	Vancouver, B.C.	32 0	8 4	4 2	13	9	1 sc.	The British Columbia Tie & Timber Co., Ltd., Vancouver, B.C.
100595	[5]Ruth	Quebec	1892	Quebec, Que.	40 0	7 3	3 2	9	6	1 sc.	Quebec & Lake St. John Railway Co., Quebec, Que.
107428	Ruth M.	Brockville	1909	Brockville, Ont.	41 8	8 8	3 6	9	6	3 sc.	George Marron, Owen Sound, Ont.
138691	*Ruth A.*	Vancouver	1917	Vancouver, B.C.	29 5	8 0	4 0	6	4	½ sc.	George Albanos, Vancouver, B.C.
134579	*Ruth May*	New Westminster	1914	Steveston, B.C.	28 0	8 4	3 6	7	5	1 sc.	Frank Hatt, Crescent, B.C.
137995	*S. B. B.*	Arichat	1908	Rockdale, N.S.	30 0	10 0	5 0	11	10	1 sc.	Albenie Boucher, Arichat, N.S.
137952	*S.S.A.*	Vancouver	1914	Vancouver, B.C.	30 5	8 3	3 6	10	7	1 sc.	Bryce Walker Fleck, Vancouver, B.C.
126773	*S. and G.*	Richibucto	1908	St. Charles, N.B.	33 0	11 2	4 3	10	10	¾ sc.	Sylvester Gray, St. Charles, N.B.
117127	S. & Y.	Kingston	1905	Kingston, Ont.	64 8	11 1	4 0	26	16	1 sc.	The Upper Ontario Steamboat Co., Ltd., New Liskeard, Ont.
126644	S. B. Grabell	Port Dover	1912	Port Dover, Ont.	61 8	16 8	6 0	40	27	4 sc.	William F. Kolbe, Port Dover, Ont. and Samuel B. Grabell, Burnaby, Ont.
130685	[7]*S. F. Levy*	Lunenburg	1911	Little Tancook, N.S.	40 1	10 0	5 6	12	11	¾ sc.	Hezekiah Levy, Little Tancook, N.S.
138503	S. S. Low Bush	Montreal	1917	Low Bush, Ont.	69 6	16 1	6 1	118	65	6½ sc.	Abitibi Power & Paper Co., Ltd., Montreal, Que.

112177	S. W. Marchment	Toronto			97 0	16 0	5 5	89	60	2 sc.	E. Bedford and T. E. Hough, Toronto, Ont.
138090	*S. Vezina*	Quebec	1915	St. Laurent, Isle of Orleans, Que.	26 8	6 8	2 8	3	3	½ sc.	Samuel Vezina, jr., 7 Notre Dame St., Quebec, Que.
136307	Sable I.	Windsor, N.S.	1914	Paisley, G.B.	183 0	28 6	12 2	734	341	85 sc.	James A. Farquhar, Halifax, N.S.
100497	Sadie	Victoria	1892	Victoria, B.C.	68 0	15 0	8 6	60	34	13 sc.	Victoria Tug Co., Ltd., Victoria, B.C.
122088	*Sadie Edna*	Charlottetown	1907	Brae, Lot 9, P.E.I.	30 5	9 8	4 5	9	5	1¾ sc.	E. Potrel Co., Ltd., Shediac, N.B.
130580	*Sadie Evelyn*	Lunenburg	1911	Tancook, N.S.	42 0	10 3	5 6	12	11	⅔ sc.	Marcus Publicover, Blandford, N.S.
126336	*Sadie Hiltz*	Vancouver	1909	Vancouver, B.C.	38 7	10 1	3 9	17	12	1¼ sc.	Percy W. Easthope, West Vancouver, B.C.
126826	*Sadie J. Risser*	Lunenburg	1910	Lunenburg, N.S.	39 9	10 8	5 3	11	11	⅔ sc.	Gilbert Redmond, *et al.*, Liscomb, N.S.
122218	Sagamo	Toronto	1906	Toronto, Ont.	152 0	29 0	9 7	744	420	68 sc.	The Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto, Ont.
69524	Saginaw	Sarnia	1873	Port Huron, Mich., U.S.A.	142 0	25 5	10 0	357	243	150 sc.	Edward A. Booth, Kingston, Ont.
130526	Saguenay ⊙	Montreal	1911	Govan, G.B.	275 3	40 0	14 9	2,777	1,864	177 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
138779	*Saginaw No. 1*	Victoria	1917	Nanaimo, B.C.	34 0	8 2	4 5	10	5	1 sc.	Henry Vollmers, Nanaimo, B.C.
112052	Saida	St. Catharines	1903	Dunnville, Ont.	32 9	13 6	5 0	14	10	20 sc.	James Crumb, Dunnville, Ont.
130405	[2]St. Alice	Vancouver	1890	Seattle, Wash., U.S.A.	74 8	16 3	5 5	56	38	11 sc.	The Pacific Construction Co., Ltd., Vancouver, B.C.
85691	St. Andrew	Chatham, N.B.	1883	Chatham, N.B.	92 5	19 3	6 9	77	52	54 sc.	J. B. Snowball Co., Ltd., Chatham, N.B.
122365	*St. Ann*	Vancouver	1906	Vancouver, B.C.	28 6	8 2	3 6	9	6	1 sc.	George E. Cates, Vancouver, B.C.
61167	Saint Catherine	Quebec	1870	Buffalo, N.Y., U.S.A.	37 0	9 0	4 9	12	8	10 sc.	F. Mercier, Beauport, Que.
112074	St. Charles	Peterborough	1904	Peterborough, Ont.	42 0	10 0	3 7	26	18	2 sc.	Alfred Macdonald, Peterborough, Ont.
111618	St. Charles	Quebec	1901	Quebec, Que.	46 8	11 0	5 6	23	16	5 sc.	The Shawinigan Water & Power Co., Montreal, Que.
131105	*St. Charles Lachenais.*	Montreal	1911	Montreal, Que.	35 5	6 9	3 0	4	4	2 sc.	Zinophile Therrien, Lachenais, Que.
107246	St. Clair	Vancouver	1898	New Westminster, B.C.	78 0	17 0	7 0	68	46	27 sc.	Whalen Pulp & Paper Mills, Ltd., Vancouver, B.C.
80731	St. Croix	Quebec	1880	St. Nicholas, Que.	125 1	26 0	8 6	506	318	30 pa.	F. Boisvert, Ste. Croix, Que.
131106	*Saint Elme*	Montreal	1905	Lachine, Que.	28 1	5 5	2 5	2	2	⅔ sc.	Zinophile Therrien, Lachenais, Que.
140925	St. Eloi ⊙	Ottawa	1917	Tonronto, Ont.	130 0	23 5	13 5	320	201	59 sc.	The Minister of the Naval Service, Ottawa, Ont.
122252	St. Etienne	Quebec	1906	Grande Baie, Que.	57 6	15 2	5 6	33	23	16 sc.	Murray Bay Lumber & Pulp Co., Ltd., St. Etienne de la Malbie, Que.
103937	St. George	Chatham, N.B.	1897	Chatham, N.B.	114 6	25 1	12 3	278	175	44 pa.	J. B. Snowball Co., Ltd., Chatham, N.B.
107790	St. George	Ottawa	1893	Simcoe, Ont.	37 0	15 7	3 6	17	9	20 pa.	Hon. Sir Geo. H. Perley, Ottawa, Ont.
122350	*St. George*	Toronto	1903	Toronto, Ont.	35 0	7 0	3 0	5	3	⅝ sc.	Robert Maw, Toronto, Ont.
112039	St. Henri	Quebec	1900	St. Henri, Que.	84 6	19 9	7 2	101	68	7 sc.	Alex. Morin, St. Henri de Taillon, Que., and Chas. Potvin, St. Gédéon, Que., J.O.
134017	St. Ignace	Port Arthur	1889	Detroit, Mich., U.S.A.	220 0	52 3	19 0	1,476	935	218 sc.	James Whalen, Port Arthur, Ont.
122406	[3]St. Irénée	Montreal	1905	Sorel, Que.	268 2	58 0	11 1	2,094	1,160	104 pa.	Canada Steamship Lines, Ltd., Montreal, Que.
103290	St. Isidore	Chatham, N.B.	1895	Chatham, N.B.	96 2	23 1	5 5	142	89	31 pa.	The Prescott Lumber Co., Ltd., New Mills, N.B.
130537	*St. J. Deschaillons*	Montreal	1910	St. Jean des Chaillons, Que.	29 5	6 0	2 8	5	3	2 sc.	Adelphie Lemay, St. Jean des Chaillons, Que.
112007	St. Joe	Port Arthur	1902	Port Arthur, Ont.	70 0	21 5	7 0	118	80	10 sc.	The Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
122434	St. Joe	Sault Ste. Marie	1907	Marksville, Ont.	56 5	14 4	8 0	39	27	4 sc.	Thos. J. Scott, Sault Ste. Marie, Ont.
88572	St. Julian	Kingston	1884	Kingston, Ont.	48 0	8 6	4 0	20	14	8 sc.	J. H. Davis, Gananoque, Ont.
140926	St. Julien ⊙	Ottawa	1917	Toronto, Ont.	130 0	23 5	13 5	320	201	59 sc.	The Minister of the Naval Service, Ottawa, Ont.
103942	St. Kilda	Chatham, N.B.	1898	Chatham, N.B.	65 2	18 0	4 0	56	35	16 pa.	J. B. Snowball Co., Ltd., Chatham, N.B.
137909	St. Mihiel	Toronto	1918	Toronto, Ont.	251 0	43 7	26 0	2,742	1,670	146 sc.	The Maple Leaf Shipping Co., Ltd., Toronto, Ont.
88326	[2]St. Lawrence	Chatham, N.B.	1886	Quebec, Que.	68 0	15 2	6 7	51	11	50 sc.	T. M. Burns, Bathurst, N.B.
71716	St. Lawrence	Halifax	1875	Renfrew, G.B.	169 1	30 0	13 3	167	290	60 sc.	The Minister of Public Works, Ottawa, Ont.
131141	*St. Lawrence II*	Vancouver	1912	Vancouver, B.C.	31 2	8 3	3 6	8	6	1 sc.	Benjamin F. Synnes, New Westminster, B.C.
71,622	St. Louis	Montreal	1875 1907	Buffalo, N.Y., U.S.A. Montreal, Que.	69 4	15 8	7 2	56	35	24 sc.	The Montreal Sand & Gravel Co., Ltd., Montreal, Que.
112260	St. Louis	Montreal	1900	Kingston, Ont.	60 0	11 0	4 0	35	24	22 sc.	Peter Cavanagh, Perth, Ont.
111628	St. Louis	Quebec	1901	Grandes Piles, Que.	43 4	11 2	4 5	17	11	2 sc.	Octave Neault, Grandes Piles, Que.
80739	St. Louis	Quebec	1880	St. Louis, Lotbiniere, Que.	127 2	25 0	7 4	428	269	36 pa.	Pierre McLean, La Prairie, Que.
112042	St. Louis de Metabetchouan.	Quebec	1902	Metabetchouan, Que.	51 8	12 0	4 5	30	20	2 sc.	Wm. Price, Quebec, Que.
111485	St. Maurice	Quebec	1900	St. Jacques des Piles, Que.	67 0	16 0	4 7	45	30	3 sc.	Johnny Guay, M. O., Lévis, Que.

[1]Foreign name "Elsinore." [2]Formerly "Isobel." [3]Formerly "Canada." [4]Formerly "Camilla." [5]Formerly "Arizona." [6]Foreign name "Blanche." [7]Formerly a sailing vessel.

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Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
138106	*St. Maurice II*	Montreal	1916	Grandes Piles, Que	51 0	11 0	3 7	19	13	3 sc.	Jean J. Crete, Grandes Piles, Que.
92411	St. Nicholas	Chatham, N.B.	1888	Chatham, N.B.	75 2	16 6	7 7	62	42	30 sc.	J. B. Snowball Co., Ltd., Chatham, N.B.
71641	St. Paul	Montreal	1875	Montreal, Que.	65 5	15 0	8 0	45	28	40 sc.	The Minister of Public Works, Ottawa, Ont.
71623	St. Peter	Montreal	1875 / 1903	Buffalo, N.Y., U.S.A.	65 6	16 1	8 6	66	41	13½ sc.	Harbour Commissioners, Montreal, Que.
92342	St. Roch	Quebec	1887	Quebec, Que.	41 2	9 6	4 6	18	8	15 sc.	Canadian Bank of Commerce, H.O., Toronto, Ont.
100629	*St. Williams*	Port Dover	1908	St. Williams, Ont.	26 0	9 8	3 0	11	8	1½ sc.	Charles C. Bates, St. Williams, Ont.
100862	Ste. Anne	Quebec	1893	Ste. Anne de Chicoutimi Que.	48 0	11 6	4 0	18	11	12 pa.	E. Gagnon, Ste. Anne de Chicoutimi, Que.
121924	Ste. Anne	Quebec	1905	Ste. Anne, Que.	77 0	22 2	5 4	100	63	9 pa.	Onésime Tremblay, M.O., Ste. Anne, Que.
138269	*Ste Rose*	Quebec	1916	Ste Rose de Lima, Que.	83 2	25 0	8 2	118	94	2 sc.	Auguste and Edouard Cote, J. O., Grande Baie, Que.
134114	*Sakura*	New Westminster	1913	Ewen Cannery, B.C.	42 0	9 8	4 5	14	10	1 sc.	Soyeman Sato, Ewen Cannery, B.C.
130710	*Sal Lal*	Vancouver	1911	Steveston, B.C.	44 0	13 0	5 9	26	17	1 sc.	George F. Atter, Vancouver, B.C.
133973	*Salmon Chief*	New Westminster	1913	New Westminster, B.C.	35 6	10 0	3 2	9	6	1 sc.	Martin Monk, M.O., New Westminster, B.C.
122196	*Salmon King*	New Westminster	1904	New Westminster, B.C.	28 8	8 6	3 2	7	4	⅝ sc.	Martin Monk, M. O., New Westminster, B.C.
134117	*Salmon Prince*	New Westminster	1909	Steveston, B.C.	36 0	7 8	3 1	6	4	1 sc.	Martin Monk, M.O., New Westminster, B.C.
90821	Salvor	Halifax	1887	Port Medway, N.S.	53 0	21 0	6 5	45	35	25 sc.	The McNab Resort Co., Ltd., McNabs Island, N.S.
62279	[3]Salvor ⊙	Victoria	1869	Govan, G.B.	215 6	27 7	20 7	988	621	65 sc.	John P. Davies, Montreal, Que.
122554	Sam. Brisbin	Collingwood	1909	Collingwood, Ont.	47 5	11 0	4 5	26	7	4 sc.	George R. Bancroft, The Pas, Man.
134463	*Sambro*	Halifax	1915	Halifax, N.S.	55 5	14 7	7 0	45	29	4 sc.	The Halifax Graving Dock Co., Ltd., Halifax, N.S.
138158	*Samina*	Vancouver	1916	Port Moody, B. C.	30 6	8 5	3 2	5	3	1 sc.	William Pope, Vancouver, B.C.
116259	Sampson	Toronto	1903	Fesserton, Ont.	36 0	10 0	3 4	12	8	2 pa.	W. W. Carter, Fesserton ,Ont.
122312	Samson	Lunenburg	1907	Shelburne, N.S.	83 0	20 5	8 6	111	50	33 sc.	Tug Sampson, Ltd., Halifax, N.S.
134304	Samson	New Westminster	1914	Port Coquitlam, B.C.	115 6	30 0	6 7	436	227	13 pa.	The Minister of Public Works, Ottawa, Ont.
130649	Samson	Ottawa	1911	Portage du Fort, Que.	50 0	16 0	4 2	29	18	2 pa.	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
111629	Samson	Montreal	1901 / 1912	Grandes Piles, Que. / Montreal, Que.	82 3	20 0	5 8	87	41	6 sc.	Montreal Sand & Gravel Co., Ltd., Montreal, Que.
126777	*Samuel G.*	Richibucto	1911	Richibucto, N.B.	37 5	11 8	5 5	14	10	2½ sc.	Andrew Loggie, Richibucto, N.B.
133915	*Samuel Le Grand*	Chatham, N.B.	1913	Lamek, N.B.	39 0	12 0	5 0	18	14	1 sc.	Samuel G. Robichaud, Lamek, N.B.
107426	Samuel Marshall	Brockville	1888	Grand Haven, Mich., U.S.A.	198 0	33 4	14 6	772	540	72 sc.	Mrs. Moser Goldenberg, Three Rivers, Que. and S. D. Miller, Montreal, Que., J. O.
137945	*San Juan*	Vancouver	1914	Comox, B.C.	48 0	13 0	4 8	28	19	1 sc.	William Billie, Comox, B.C.
112194	[4]Sand Bird	Chatham, Ont.	1906 / 1914	Chatham, Ont.	72 0	21 2	4 0	64	43	2 sc.	Wm. A. Hadley, Chatham, Ont.
94623	[5]Sand King	Montreal	1888	Ottawa, Ont.	108 0	23 8	7 2	158	88	40 sc.	Wm. Fraser, Montreal, Que.

103888	Sandford	Ottawa	1897	Goderich, Ont.	72 4	16 5	7 5	56	38	60 sc...	Standard Chemical Iron & Lumber of Canada, Ltd., Toronto, Ont.
107451	Sandon	Vancouver	1898	Roseberry, B.C.	76 0	16 9	6 2	97	66	19½ sc...	Canadian Pacific Railway Co., Montreal, Que.
126781	[9]Sanita	New Westminster	1910	Vancouver, B.C.	63 3	12 2	7 6	33	22	5 sc...	The Provincial Secretary for British Columbia, Victoria, B.C.
103218	Sarah Agnes	Ottawa	....	Carleton Place, Ont.	25 4	6 3	7 2	2	2	5 sc...	Isaac Hunter, Hunter's Point, Que.
96734	Sarcelle	Chatham, N.B.	1890	Douglastown, N.B.	51 0	11 4	5 4	22	15	10 sc...	J. W. Brankely, Chatham, N.B.
96853	Sarnia	Port Arthur	1901	Sarnia, Ont.	66 8	21 0	11 0	85	58	26 sc...	The Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
126227	Sarnia City	Sarnia	1909	Sarnia, Ont.	105 0	25 5	12 0	223	68	84 sc...	Reid Towing & Wrecking Co., Ltd., Sarnia, Ont.
134011	[6]Sarnian	Port Arthur	1895	Cleveland, O., U.S.A.	331 8	41 5	22 0	2,656	1,710	146 sc...	Canada Steamship Lines, Ltd., Montreal, Que.
134515	Sarnolite⊙	Sarnia	1916	Collingwood, Ont.	250 0	43 1	16 6	2,060	1,549	95 sc...	The Imperial Oil Co., Ltd., Sarnia, Ont.
133824	[7]Sarnor	Montreal	1896 1888	Marine City, Mich., U.S.A. West Bay City, Mich., U.S.A.	227 6	36 0	21 3	1,319	1,152	79 sc...	Frederick R. Johnson, Port Colborne, Ont.
116254	Sarona	Toronto	1902	Toronto, Ont.	71 5	10 5	7 5	32	22	4 sc...	Huntsville & Bracebridge Tanning Co., Ltd., Huntsville, Ont.
122061	Sarto	Montreal	1905	Lachine, Que.	56 5	8 6	8 1	18	11	6 sc...	Jean J. Crete, Grandes Piles, Que.
134316	Satisfaction	Kenora	1912	Fort Frances, Ont.	40 0	11 8	3 2	18	12	2 sc...	Ontario & Minnesota Power Co., Ltd., Fort Frances, Ont.
130756	*Satsuki*	Vancouver	1911	Sea Island, B.C.	49 5	11 7	6 4	26	17	2⅔ sc...	Hikotaro Toda, Vancouver, B.C.
137957	*Satsuma*	Vancouver	1915	Vancouver, B.C.	37 0	9 7	4 6	12	8	1 sc...	Howard M. Fraser, New Westminster, B.C.
100800	[8]*Saucy Lass*	Victoria	1893	Victoria, B.C.	57 4	19 8	8 2	42	24	2 sc...	Mrs. Minnie Jacobson, Victoria, B.C.
137958	*Sautich*	Vancouver	1915	Vancouver, B.C.	30 2	8 8	3 5	4	3	1 sc...	Albert E. Munn, Vancouver, B.C.
134335	*Sauvegarde*	Chatham, N.B.	1914	Lamek, N.B.	37 0	10 8	5 8	13	11	1 sc...	Peter B. Savoy, M.O., Lamek, N.B.
134242	*Say When*	Toronto	1914	Hamilton, Ont.	38 0	10 0	4 0	12	8	1 sc...	Edwin Leavitt, Belleville, Ont.
138398	*Scamper*	Lunenburg	1917	Tancook, N.S.	41 8	10 7	5 6	12	11	½ sc...	Daniel Smith, M.O., Cross Island, N.S.
134270	*Schoolcraft* ⊙	Midland	1884	Trenton, Mich., U.S.A.	185 6	34 0	14 2	972	690	80 sc...	Manley Chew, Midland, Ont.
134130	*Schuchona*	New Westminster	1914	Steveston, B.C.	37 6	8 6	4 2	9	6	1 sc...	Matsu Tanaka, Steveston, B.C..
83376	Scintilla	Toronto	1884	Pickering, Ont.	27 0	7 8	2 7	4	3	1 sc...	W. W. Sparks, Township of Pickering, Ont.
112231	Scionda	St. John, N.B.	1887	Athens, N.Y., U.S.A.	92 9	17 6	8 9	78	53	19 sc...	Alphonse Noel, Bonaventure, Que.
126450	Scona	Kenora	1910	Strathcona, Alta.	120 0	22 0	4 0	114	72	4 pa..	John Walter, Ltd., Edmonton, Alta.
107463	Scotch Lassie	Lindsay	1894	Lindsay, Ont.	25 3	5 0	2 0	2	1	2 sc...	Jas C. Appleby, Lindsay, Ont.
116998	Scotchman	Ottawa	1904	Carleton Place ,Ont.	50 0	11 2	5 6	21	14	1 sc...	Abitibi Power & Paper Co., Ltd., Montreal, Que.
22423	Scotia	Halifax	1907	Mahone Bay, N.S.	138 8	26 8	9 6	376	268	52 sc...	Halifax & Canso Steamship Co., Ltd., Halifax, N.S.
111865	Scotia	Ottawa	1901	Walker-on-Tyne, G.B.	254 0	46 2	16 5	1,461	658	285 sc...	The Minister of Railways and Canals, Ottawa, Ont.
107829	Scotia	Victoria	1899	Atlin Lake, B.C.	80 0	19 0	3 5	214	135	4 pa..	British Yukon Navigation Co., Ltd., Vancouver, B.C.
133679	[1]*Scotialite*	Halifax	1914	Dartmouth, N.S.	68 7	18 0	6 9	52	35	4 sc...	The Imperial Oil Co., Ltd., Sarnia, Ont.
126909	Scotsburn	Halifax	1910	Mahone Bay, N.S.	116 8	22 2	9 9	224	119	32 sc...	The Halifax & Glace Bay Steamship Co., Ltd., Halifax, N.S.
116114	Scotsman	Halifax	1903	Hull, G.B.	98 0	19 0	9 7	141	12	54 sc...	The Scotsman Company, Ltd., Halifax, N.S.
116331	Scotsman	Ottawa	1903	Ottawa, Ont.	108 0	23 6	7 0	265	114	16 sc...	Ottawa Transportation Co., Ltd., Ottawa, Ont.
130692	Scotty	New Westminster	1909	Steveston, B.C.	34 4	8 1	3 2	13	9	1 sc...	Donald Burgess, South Vancouver, B.C.
112396	Scout	Ottawa	1900	Cardinal, Ont.	103 6	25 6	9 2	176	70	12 sc...	The Minister of Marine and Fisheries, Ottawa, Ont.
107755	Scout	Pictou, N.S.	1900	Murray Harbour, P.E.I.	35 0	9 8	5 0	9	4	1 sc...	Charles Sproull, Pictou Landing, N.S..
126080	Scowlitz	Vancouver	1908	Harrison River, B.C.	92 0	22 8	4 9	178	112	17 pa...	The Rat Portage Lumber Co., Ltd., St. Boniface, Man.
116544	Scudder	Kingston	1903	Kingston, Ont.	37 0	6 9	3 1	5	3	3 sc...	William Morris, Toronto, Ont.
116634	*Scugog*	Lindsay	1910	Port Perry, Ont.	39 0	7 2	3 4	6	4	1 sc...	John Bowerman, Port Perry, Ont.
116685	*Sea Adder*	Richibucto	1908	Richibucto, N.B.	32 8	10 0	5 6	11	10	⅔ sc...	James Legoof, Richibucto, N.B.
130704	*Sea Bee*	Vancouver	1911	Vancouver, B.C.	34 4	9 4	6 0	13	9	1½ sc...	Peter D. MacSween, New Westminster, B.C.
103207	Sea Bird	Halifax	1896	Liverpool, N.S.	67 5	16 6	6 8	41	28	13½ sc...	George M. Fraser, Edwardsville, N.S.
134428	*Sea Deer*	Vancouver	1911	Vancouver, B.C.	35 0	7 7	3 4	11	8	1 sc...	Harry D. Irvine, Sechelt, B.C.
121739	*Sea Foam*	Vancouver	1906	Vancouver, B.C.	41 6	10 5	5 2	17	12	2⅔ sc...	Defiance Packing Co., Ltd., Vancouver, B.C.
100941	Sea Gull	Collingwood	1893	Port Severn, Ont.	32 0	8 9	4 0	9	6	1½ sc...	D. Moreau, Port Severn ,Ont.
116943	*Sea Gull*	Kenora	1900	Detroit, Mich., U.S.A.	23 5	6 0	2 5	2	2	½ sc...	Jacob Hose, Kenora, Ont.
121848	Sea Gull	Toronto	1906	Callander, Ont.	82 6	18 7	6 4	150	73	29 sc...	Armstrong Towing Co., Ltd., Cache Bay, Ont.
107458	Sea Gull	Vancouver	1898	Vancouver, B.C.	25 5	7 4	2 5	3	2	2 sc...	Zachariah Simpson, Vancouver, B.C.
96874	Sea King	Goderich	1892	Goderich, Ont.	58 0	13 6	5 2	26	17	20 sc...	Dominion Fish Co., Ltd., Winnipeg, Man.
103158	Sea Lion	Vancouver	1896	Vancouver, B.C.	26 2	7 8	3 9	6	4	2 sc...	C. L. Shaw, *et al.*, Vancouver, B.C.
117116	Sea Lion	Vancouver	1905	Vancouver, B.C.	114 0	22 0	19 5	218	148	52 sc...	Young and Gore Tugboat Co., Ltd., Vancouver, B.C.
122526	Sea Otter	Vancouver	1907	Lund, B.C.	33 7	9 5	4 4	13	9	5 sc...	Southgate Logging Co., Inc., Vancouver, B.C.

[1]Formerly "Royalite." [3]Formerly "Danube." [4]Formerly "Halley's Comet." [5]Formerly "Harry Bate." [6]Foreign name "Chili." [7]Foreign name "Britannic", a recovered wreck. [9]Formerly "Faloma." [8]Formerly a Sailing Vessel.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
96875	Sea Queen	Goderich	1892	Goderich, Ont.	52 0	12 1	4 6	18	12	20 sc.	John Purvis, Gore Bay, Ont.
130446	*Sea Rose*	Vancouver		U.S.A.	31 0	9 3	3 3	11	8	1½ sc.	John W. McIntosh, New Westminster, B.C.
138524	*Sea Shell*	Vancouver	1917	Vancouver, B.C.	43 7	11 4	6 0	19	13	3⅜ sc.	Wilhelm Hanson, Vancouver, B.C.
130460	*Sea Snipe*	Vancouver	1911	Muskegon, Mich., U.S.A.	35 0	8 6	3 8	9	7	1½ sc.	George E. Buscombe, Vancouver, B.C.
134026	*Sea Tractor*	Victoria	1913	Celeste, B.C.	51 0	15 8	3 1	19	13	1 sc.	William Louie, Chase, B.C.
112263	[2]Seaborn	Montreal	1898	Palm Beach, Fla., U.S.A.	75 0	10 0	5 0	30	20	3 sc.	Dominion Iron & Wrecking Co., Ltd., Montreal, Que.
122425	Seacrest	Halifax	1908	Tancook, N.S.	49 5	12 7	5 6	18	12	6 sc.	Walter G. Stevens, Chatham, N.B.
96872	Seagull	Port Arthur	1890 1914	Goderich, Ont. Owen Sound, Ont.	53 5	12 3	6 0	31	21	8 sc.	James A. Little, Port Arthur, Ont.
138527	*Seal Cove*	Vancouver	1916	New Westminster, B.C.	42 0	10 2	4 6	17	12	3 sc.	James S. Emerson, Vancouver, B.C.
130724	*Sealer*	Lunenburg	1908	Tancook, N.S.	40 4	10 4	5 4	12	11	¾ sc.	Amos Levy, Cross Island, N.S.
134034	*Seaton Lake*	Victoria	1912	Lillooet, B.C.	50 5	10 5	3 1	12	8	3 sc.	John Wm. Stewart, Vancouver, B.C.
116305	[3]*Sedar Isle*	Charlottetown	1905 1911	Charlottetown, P.E.I. Falconwood, P.E.I.	25 3	7 8	3 0	3	2	1 sc.	Victor L. Goodwill, Charlottetown, P.E.I.
126027	*See Em Oh*	Sydney, N.S.	1908	Glace Bay, N.S.	26 3	6 4	2 2	4	4	1 sc.	Charles M. O'Dell, Glace Bay, N.S.
94763	Seguin	Owen Sound	1890	Owen Sound, Ont.	207 0	34 2	13 0	1,111	771	106 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
130652	*Seldomin*	Chatham, N.B.	1911	Port Hawkesbury, N.S.	53 7	13 2	7 0	37	20	4 sc.	A. Loggie, M. O., Dalhousie, N.B.
138661	*Selina M*	Barrington Passage	1917	Woods Harbour, N.S.	34 6	8 9	4 4	12	11	¾ sc.	Colby A. Nickerson, Woods Harbour, N.S.
107095	Selkirk	Victoria	1898	Victoria, B.C.	95 6	24 0	7 0	142	86	12 sc.	Frank Waterhouse & Company of Canada Ltd., Vancouver, B.C.
107835	Selkirk	Victoria	1901	White Horse, Yukon Territory.	167 0	34 0	4 5	777	490	17 pa.	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
133808	[4]*Selma M*	Lunenburg	1913	Tancook, N.S.	41 2	10 6	5 4	12	11	¾ sc.	Albert Mason, Tancook, N.S.
121666	*Semillante*	Quebec	1905	Quebec, Que.	40 0	8 3	4 0	9	8	20 sc.	Stanislas Gaudreau, Quebec, Que.
133830	*Semiramis*	Montreal	1903	Morris Heights, N.Y., U.S.A.	94 3	15 6	7 8	58	29	16 sc.	Alfred E. Matthews, Toronto, Ont.
80902	Senator	Vancouver	1880	Burrard Inlet, B.C.	51 5	12 0	4 5	31	21	9 sc.	Progressive Steamboat Co., Ltd., Vancouver, B.C.
112351	[5]Senator Derbyshire	Montreal	1897	West Bay City, Mich., U.S.A.	220 0	40 8	16 8	1,246	987	73½ sc.	George Hall Coal Company of Canada, Ltd., Montreal, Que.
126272	Senator Jansen	New Westminster	1909	New Westminster, B.C.	112 0	24 0	3 0	230	93	9 pa.	Fraser River Lumber Co., Ltd., Fraser Mills, B.C.
126720	*Senawa Nabee*	St. John, N.B.	1911	St. John, N.B.	38 0	9 3	5 0	17	12	3 sc.	The Minister of Public Works, Ottawa, Ont.
116438	Sendai	New Westminster	1903	Vancouver, B.C.	37 0	9 8	4 3	14	10	5 sc.	John A. and Thomas Marshall, J.O., Port Albernie, B.C.
134131	Serieux	Quebec	1913	St. Irénée, Que.	60 6	15 0	5 9	41	18	15 sc.	Auger & Son, Ltd., Quebec, Que.
126349	*Shada*	Barrington Passage	1915	Barrington Passage, N.S.	40 0	10 7	5 6	12	11	½ sc.	James E. Stanley, Barrington Passage, N.S.
116545	Shamrock	Kingston	1903	Kingston, Ont.	31 8	7 1	3 0	4	3	4 sc.	Robert Johnston, Port Sandfield, Ont.
107497	Shamrock	Quebec	1898	Quebec, Que.	117 3	25 0	9 7	237	161	61 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.

121846	Shamrock	Toronto	1903	Kingston, Ont.	34	0	7	4	3	0	6	4	1 sc.	Robert H. Johnston, Port Carling, Ont.
90807	[6]Shamrock	Vancouver	1887	Vancouver, B.C.	76	0	19	0	7	0	90	61	19 sc.	Wm. H. Whalen, Vancouver, B.C.
122532	*Shamrock*	Vancouver	1907	Vancouver, B.C.	35	7	10	0	4	0	16	11	1 sc.	A. M. Whiteside, Vancouver, B.C.
116416	Shamrock	Victoria	1904	Victoria, B.C.	52	0	10	0	4	5	24	14	2 sc.	Mrs. Michael Hare, Victoria, B.C.
122353	Shamrock II	Kingston	1907	Kingston, Ont.	45	4	9	2	3	9	10	6	4 sc.	Robert Johnson, Port Carling, Ont.
126269	Shanly	Kingston	1908	Parry Sound, Ont.	53	5	14	5	6	2	50	19	4 sc.	John F. Sowards, Kingston, Ont.
83199	Shannon	Halifax	1886	Pictou, N.S.	76	9	17	5	8	0	75	51	29 sc.	The Halifax Dredging Co., Ltd., Halifax, N.S.
130474	[4]*Shant' Allee*	Lunenburg	1908	Tancook, N.S.	42	2	10	3	5	3	11	10	$\frac{5}{8}$ sc.	Robert Wight, Blue Rocks, N.S.
138671	*Shawatlins*	Prince Rupert	1917	Prince Rupert, B.C.	32	0	7	7	3	4	8	6	1 sc.	Frank F. Davis, Prince Rupert, B.C.
129326	Sheba ⊙	Ottawa	1912	Sunderland, G.B.	290	0	40	7	17	8	2,268	1,341	222 sc.	The Minister of Railways and Canals, Ottawa, Ont.
130751	*Sheileena*	Vancouver	1911	Hong Kong	52	8	12	6	4	8	35	23	$3\frac{1}{4}$ sc.	William Farrell, Vancouver, B.C.
134346	*Sheldon*	Montreal	1910	St. Hilaire, Que.	40	6	8	2	7	4	13	9	2 sc.	William Jennings, Montreal, Que.
141115	*Sheldwich*	Vancouver	1916	N. Vancouver, B.C.	31	8	8	8	2	9	6	4	$\frac{2}{16}$ sc.	John B. Amos, Harbledown Island, B.C.
103809	*Shemogue*	Pictou, N.S.	1915	Brule, N.S.	54	0	17	6	5	5	34	16	2 sc.	Shemogue Oyster Co., Ltd., Shemogue, N.B.
138685	[7]*Sherman*	Vancouver	1913	Seattle, Wash., U.S.A.	39	0	12	0	4	5	19	13	$1\frac{3}{8}$ sc.	Defiance Packing Co., Ltd., Vancouver, B.C.
130958	*Shianne*	Lunenburg	1912	Tancook, N.S.	47	2	13	0	7	0	23	21	$\frac{5}{8}$ sc.	Alcide Goyetche, Arichat, N.S.
130762	*Shibley*	Kingston	1912	Picton, Ont.	40	2	10	0	4	4	12	11	$\frac{5}{16}$ sc.	Jacob B. Howell, Bath, Ont.
126472	[4]*Shiloh*	Halifax	1909	Tancook, N.S.	46	2	12	6	5	9	23	22	$\frac{5}{16}$ sc.	Charles A. Mosher, Canso, N.S.
133732	*Shimoiget*	Vancouver	1913	Vancouver, B.C.	67	6	14	6	5	8	43	29	4 sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
130993	*Shippegan's Best*	Chatham, N.B.	1912	Shippigan, N.B.	43	0	10	0	4	8	13	10	$1\frac{3}{8}$ sc.	W. S. Loggie Co., Ltd., Chatham, N.B.
116225	Shirley	Quebec	1903	Bic, Que.	54	6	15	0	5	9	37	25	11 sc.	Lachance Limitée, Quebec, Que.
90777	Shoo Fly	Windsor, Ont.	1870	Cleveland, O., U.S.A.	44	1	12	1	5	7	25	17	20 sc.	Stephen T. Reeves, Windsor, Ont.
103640	Shoofly	Ottawa	1893	Sundridge, Ont.	35	0	9	0	3	0	10	8	8 sc.	J. A. Stillar, Callender, Ont.
134130	*Shuchona*	New Westminster	1914	Steveston, B.C.	37	6	8	6	4	2	9	6	1 sc.	Matsu Tanaka, Steveston, B.C.
134432	*Shushartie*	Vancouver	1915	Gig Harbour, Wash., U.S.A.	48	4	14	1	6	0	31	21	3 sc.	Western Packers Ltd., Vancouver, B.C.
126330	[8]Shuswap	Vancouver	1888	Astoria, Ore., U.S.A.	46	5	13	3	5	0	33	22	7 sc.	Thomas Cooper, New Westminster, B.C.
126556	*Shutka*	Vancouver	1908	Vancouver, B.C.	28	3	8	0	2	7	7	5	$\frac{3}{8}$ sc.	Chas. Nelson, Victoria, B.C.
134276	*Sicamous*	Victoria	1914	Okanagan Landing, B.C.	200	5	40	0	8	0	1,787	991	101 pa.	Canadian Pacific Railway Co., Montreal, Que.
9239[1]	Siesta	Deseronto	1888 1906	Kingston, Ont. Lion's Head, Ont.	51	0	8	1	3	8	9	7	1 sc.	Clark Sencabaugh, Lion's Head, Ont.
107068	Siesta	Sault Ste. Marie	1882	Bristol, R.I., U.S.A.	98	6	17	0	9	0	99	67	14 sc.	Hon. Wm. H. Bennett, Midland, Ont.
92737	Siesta	Toronto	1888	Toronto, Ont.	31	4	7	2	3	3	3	2	6 sc.	Henry Whitehead, Gravenhurst, Ont.
122072	*Siesta*	Toronto	1905	Waubaushene, Ont.	31	0	7	4	3	4	5	3	$\frac{5}{8}$ sc.	John Cumberledge Cautley, Minnicoganashene, Ont.
133928	*Sillery*	Chatham, N.B.	1913	Lamek, N.B.	44	6	10	7	5	0	16	12	1 sc.	Richard O'Leary, Richibucto N.B.
134645	*Silver Bear*	Victoria	1912	Tacoma, Wash., U.S.A.	45	6	14	0	5	8	29	16	$2\frac{5}{8}$ sc.	Nootka Packing Co., Ltd., Vancouver, B.C.
130667	*Silver Fox*	Richibucto	1914	Richibucto, N.B.	36	0	13	4	5	6	16	13	$\frac{5}{8}$ sc.	John V. Caisey, Shediac, N.B.
138387	*Silver Oak*	Lunenburg	1917	Tancook, N.S.	62	4	16	0	8	0	42	40	1 sc.	Demas Young, M.O., Tancook, N.S.
126410	Silverland	Ottawa	1909	Haileybury, Ont.	85	4	17	0	6	7	92	53	13 sc.	La Compagnie de Navigation, Ville Marie, Que.
138126	*Silvey*	New Westminster	1915	Steveston, B.C.	32	0	8	0	3	0	7	5	$\frac{3}{8}$ sc.	Earle A. Murchison, Steveston, B.C.
112144	Simla	Montreal	1903	Garden Island, Ont.	225	6	34	8	15	0	1,197	731	166 sc.	Montreal Transportation Co., Ltd., Montreal, Que.
88739	Sindbad	Montreal	1883	Scotswood-on-Tyne, G.B.	216	2	31	2	13	5	897	539	99 sc.	Franklin E. Hall, Montreal, Que.
138507	Sinmaco	Montreal	1918	Sorel, Que.	73	0	23	0	10	5	142	20	54 sc.	The Sincennes McNaughton Line, Ltd., Montreal, Que.
130989	Sir Douglas	Chatham, N.B.	1912	Chatham, N.B.	45	0	11	0	4	8	18	12	6 sc.	Charles Reinsborrow, Chatham, N.B.
96892	Sir Hector	Ottawa	1891	Ottawa, Ont.	71	0	15	5	6	3	40	10	17 sc.	Ottawa Transportation Co., Ltd., Ottawa, Ont.
57886	Sir Henry Harness	Halifax	1896	East Cowes, G.B.	85	0	18	0	9	3	100	59	50 sc.	Coastal Dredging & Construction Co., Ltd., North Sydney, N.S.
130534	Sir Hugh Allan	Montreal	1911	Barrow-in-Furness, G.B.	130	0	26	6	12	1	354	10	196 sc.	Harbour Commissioners of Montreal, Montreal, Que.
133939	Sir John	Ottawa	1902	Sorel, Que.	81	2	17	3	8	0	94	41	8 sc.	The Minister of Public Works, Ottawa, Ont.
134134	Sir Lomer	Quebec	1912	Portneuf, Que.	59	5	15	4	7	0	48	18	23 sc.	Joseph A. Lemay, Portneuf, Que.
134012	[1]Siskiwit	Port Arthur	1876	Buffalo, N.Y., U.S.A.	66	5	16	3	8	0	61	41	10 sc.	The Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
130511	Sissiboo	Weymouth	1913	Little River, N.S.	66	0	16	0	6	9	61	24	17 sc.	The Minister of Militia and Defence, Ottawa, Ont.
141035	*Skalu*	Vancouver	1918	Vancouver, B.C.	52	6	14	3	5	9	41	16	3 sc.	The Canadian Fishing Co., Ltd., Vancouver, B.C.
122530	*Skate*	Vancouver	1907	Ballard, Wash., U.S.A.	33	0	11	0	3	6	13	9	$1\frac{1}{2}$ sc.	Nanaimo Fish & Bait Co., Ltd., Nanaimo, B.C.
126212	Skeena	New Westminster	1908	Vancouver, B.C.	121	2	26	8	5	6	515	310	8 pa.	Mainland Navigation Co., Ltd., New Westminster, B.C.
130340	*Skidoo*	Chatham, N.B.	1909	Point Sapin, N.B.	35	5	9	8	5	2	11	11	1 sc.	H. A. Murdoch, Loggieville, N.B.
133695	*Skidoo 23*	Victoria	1912	Steveston, B.C.	29	0	8	0	3	0	5	3	$\frac{3}{8}$ sc.	Reginald E. Walker, East Sooke, B.C.

[1] Formerly "Roy Tan" and "Pacific." [2] Formerly "Alma." [3] Formerly "R-Tis-3." [4] Formerly a sailing vessel. [5] Foreign name "Bermuda." [6] Formerly "Mamie."
[7] Foreign name "Dreadnaught." [8] Foreign name "Volga."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
126746	*Skill*	Vancouver	1910	Vancouver, B.C.	42 0	11 0	3 9	14	10	1½ sc.	Nanaimo Fish & Bait Co., Ltd., Nanaimo, B.C.
130471	*Skip*	Lunenburg	1908	Lunenburg, N.S.	42 0	10 6	5 6	12	11	⅜ sc.	Arthur Mason, Eastern Points, N.S.
134028	*Skookum*	Victoria	1913	Summerland, B.C.	50 2	10 2	3 7	16	11	1 sc.	The Okanagan Lake Boat Co., Ltd., Naramata, B.C.
122523	Skookum 1	Vancouver	1901	Vancouver, B.C.	68 0	26 1	6 2	129	88	2 sc.	Vancouver Dredging & Salvage Co., Ltd., Vancouver, B.C.
138165	*Skookum Chuck*	Vancouver	1906	Vancouver, B.C.	25 6	8 4	3 4	5	3	1 sc.	Wm. Burmaster, Vancouver, B.C.
131030	Skookum No. 2	Vancouver	1912	Vancouver, B.C.	79 5	26 0	7 4	217	148	15½ sc.	Vancouver Dredging & Salvage Co., Ltd., Vancouver, B.C.
126334	Skwala	Vancouver	1909	Vancouver, B.C.	92 7	19 2	5 0	165	104	13 pa.	The Rat Portage Lumber Co., Ltd., St. Boniface, Man.
130276	Slave River	Winnipeg	1912	Athabasca Landing, Alta.	109 0	22 3	5 0	318	205	5 pa.	The Hudson's Bay Co., London, G.B.
116686	*Slippery Jack*	Richibucto	1897	Richibucto, N.B.	32 0	11 4	5 0	12	11	⅜ sc.	James Legoof, Richibucto, N.B.
121680	Slocan	Vancouver	1905	Roseberry, B.C.	157 7	27 5	6 7	605	338	17 pa.	The Canadian Pacific Railway Co., Montreal, Que.
138127	*Sloga*	New Westminster	1904	Ballard, Wash., U.S.A.	37 0	11 0	3 0	10	7	1 sc.	C. L. Packing Co., Ltd., New Westminster, B.C.
126724	Sloth	Peterborough	1909	Hastings, Ont.	40 0	11 5	5 6	17	12	4 sc.	The Randolph Macdonald Co., Ltd., Toronto, Ont.
138371	Smith	Sarnia	1881	Buffalo, N.Y., U.S.A.	120 0	22 0	10 0	218	115	10 sc.	Reid Towing & Wrecking Co., Ltd., Montreal, Que.
121839	Smith Brothers	St. John, N.B.	1907	Central Blissville, N.B.	36 8	9 4	3 5	13	9	6 sc.	Luther B. Smith, St. John, N.B.
116410	Smuggler	Victoria	1903	Nakusp, B.C.	48 0	9 1	5 0	16	10	4 sc.	Yale Columbia Lumber Co., Ltd., Nakusp, B.C.
116425	Sockeye	Vancouver	1900	Vancouver, B.C.	29 5	8 0	2 6	3	2	1 pa.	Anton Klavanes, Vancouver, B.C.
133981	*Sodc*	Victoria	1913	Steveston, B.C.	36 0	8 6	3 1	10	7	1 sc.	Charles L. Douglas, Victoria, B.C.
126766	Sogenada	Montreal	1909	Rutherglen, G.B.	75 4	15 6	8 2	64	6	29 sc.	The Minister of Public Works, Ottawa, Ont.
126502	*Sokum*	Victoria	1909	Sechart, B.C.	27 6	8 8	4 4	8	5	¼ sc.	Arthur Lane, Cowichan Bay, B.C.
98652	[3]Solgar	Toronto	1891	Paisley, G.B.	136 0	20 1	10 7	271	92	60 sc.	William W. Near, Toronto, Ont.
122565	Solid Comfort	Port Arthur	1908	Peterborough, Ont.	44 0	11 0	4 2	16	11	1 sc.	Edward R. Clarkson, Toronto, Ont.
133700	*Somass Queen*	Victoria	1912	Port Alberni, B.C.	36 5	9 0	5 5	11	7	1 sc.	William A. Stevens and Edward L. Thompson, J.O., Alberni, B.C.
130884	*Sombrio Queen*	Victoria	1911	Victoria, B.C.	36 0	8 6	4 6	8	4	1½ sc.	Charles I. Allen, Mary Island, B.C.
126636	*Someno*	Vancouver	1909	Steveston, B.C.	33 3	7 8	3 9	10	7	1½ sc.	Alexander Mearns, Vancouver, B.C.
107743	Soncie	Kingston	1900	Kingston, Ont.	46 0	10 0	3 8	14	9	5 sc.	J. B. Tudhope, Orillia, Ont.
130548	*Songhee*	Vancouver	1911	Vancouver, B.C.	49 6	14 0	5 0	26	18	1½ sc.	William S. Holland, Vancouver, B.C.
117111	Sonoma	Vancouver	1905	Vancouver, B.C.	46 5	11 0	4 6	19	13	3 sc.	George H. Buck, Vancouver, B. C.
133877	*Sonrisa*	Vancouver	1913	Vancouver, B.C.	72 9	16 0	6 2	57	39	5 sc.	The Corporation of the District of West Vancouver, B.C.
126240	*Sooke*	Victoria			29 3	8 3	3 0	8	4	1½ sc.	Addison R. Hatch, Victoria, B.C.
126327	*Sooner*	Vancouver	1908	Vancouver, B.C.	33 7	6 8	5 3	10	7	⅜ sc.	Cyril J. and George Everitt, Vancouver, B.C.
134434	*Sophann*	Vancouver	1915	Vancouver, B.C.	34 0	8 2	3 4	7	5	1 sc.	Alfred McKinnell, Vancouver, B.C.
126793	*Sorais*	New Westminster	1910	Eburne, B.C.	28 5	7 9	2 5	6	4	⅜ sc.	Hector R. Andrews, Eburne, B.C.
111781	Soren	Victoria	1902	Galiano Is., B.C.	22 0	5 3	2 5	2	2	1 sc.	J. Cathcart, Chemainus, B.C., and R. M. Colvin, Cowichan, B.C.

126119	[1]Soulanges	Montreal	1909	Notre Dame de Pierreville, Que.	120 2	32 0	6 4	383	224	37 pa.	Emile Seguin, *et al.*, J. O., Hudson, Que.
133865	*Soumie*	Vancouver	1913	Eburne, B.C.	41 0	8 6	3 6	11	7	1 sc.	Goro Yamasaki, Eburne, B.C.
88314	South	Quebec	1885	Lévis, Que.	130 3	25 2	9 5	349	220	30 pa.	The Quebec & Lévis Ferry Co., Ltd., Quebec, Que.
85530	[5]Southwood	Toronto	1884	Barrie, Ont.	67 5	8 7	4 1	19	13	2 sc.	Levi Fraser, Bracebridge, Ont.
107499	Souvenir	Quebec	1897	Quebec, Que.	17 5	4 6	2 2	1	1	2 sc.	E. Ruel, Quebec, Que.
126221	[6]Sowards	Toronto	1888	Manitowoc, Wis., U.S.A.	119 6	25 4	9 2	238	148	13 sc.	Hugh McMillan, Toronto, Ont.
130487	*Soya*	New Westminster	1911	Steveston, B.C.	33 2	8 0	3 4	6	4	⅔ sc.	Peter Byrne, Lulu Island, B.C.
107611	Spanish Ranger	Ottawa	1893	Biscotasing, Ont.	36 0	16 0	3 4	13	7	20 pa.	R. Booth and P. Shannon, Pembroke, Ont.
90561	Sparrow	Toronto	1882	Dechesne Creek, Ont.	56 4	13 9	5 6	38	16	8 sc.	John B. Smith, *et al.*, Toronto, Ont.
92726	*Spartan*	Toronto	1887	Toronto, Ont.	28 0	6 6	3 0	2	2	1 sc.	Edwyn B. Andros, Barrie, Ont.
122170	*Spartan*	Vancouver			30 0	9 0	2 4	8	6	¾ sc.	A. G. R. A. Seymour, Vancouver, B.C.
104920	Speedy II	Ottawa	1896	Leith, G.B.	115 0	20 6	10 6	252	115	88 sc.	The Minister of Public Works, Ottawa, Ont.
130531	*Spes*	Montreal	1909	Lachine, Que.	24 5	5 4	2 2	2	2	1 sc.	Joseph A. Brunet, Montreal, Que.
130869	*Spit*	New Westminster	1907	Steveston, B.C.	28 5	9 3	4 0	10	6	1 sc.	Charles O. Brodrick, Crescent, B.C.
122628	*Splash*	Chatham, N.B.	1908	Chatham, N.B.	31 0	10 0	2 0	18	12	½ pa.	Miramichi Dredging Co., Ltd., Newcastle, N.B.
103666	Sport	Kenora	1897	Kenora, Ont.	36 0	8 0	4 0	16	12	1 sc.	Albert J. Dusang, Kenora, Ont.
134613	Sprague	Sault Ste. Marie	1915	Collingwood, Ont.	41 0	11 8	5 0	20	12	1 sc.	James J. McFadden, Renfrew, Ont.
90770	Spray	Goderich	1888	Kincardine, Ont.	42 1	12 4	4 0	15	10	25 sc.	John McRae, Meaford, Ont.
100727	Spray	Montreal	1893	Montreal, Que.	100 1	17 0	10 4	107	60	37 sc.	Sincennes-McNaughton Line, Ltd., Montreal, Que.
71199	Spray	Ottawa	1874	Brockville, Ont.	45 0	9 7	3 5	42	28	15 sc.	D. B. McDonell, Cambridge, Ont.
103145	Spray	Quebec	1892	Quebec, Que.	49 2	12 2	4 2	21	9	36 sc.	J. S. Thom, Quebec, Que.
122383	Spray	Victoria	1907	Vancouver, B.C.	81 0	19 0	10 0	118	62	22½ sc.	Victoria Tug Co., Ltd., Victoria, B.C.
92616	Spray	Wallaceburg	1888	Wilkesport, Ont.	74 0	18 0	6 2	47	32	2 sc.	James Mahafferty, Port Albert, Ont.
121775	Spray	Winnipeg	1906	Selkirk, Man.	44 0	13 5	4 0	18	12	2 sc.	Crossing Lumber Co., Ltd., Minaki, Ont.
103011	Springhill	Parrsboro'	1893	St. John, N.B.	101 7	23 7	10 1	189	96	61 sc.	Cumberland Railway & Coal Co., Montreal, Que.
116459	Squid	Vancouver	1903	Vancouver, B.C.	72 0	16 4	5 7	60	41	11 sc.	The Nanaimo Fish & Bait Co., Ltd., Nanaimo, B.C.
80948	Squirrel	Chatham, N.B.	1882	Eel River, N.B.	33 2	9 4	4 3	13	9	9 sc.	Thos. Reid, M.O., Eel River, N.B.
138073	[7]Stadacona ⊙	Ottawa	1893	Philadelphia, Pa., U.S.A.	168 0	30 5	15 7	780	520	99 sc.	The Minister of the Naval Service, Ottawa, Ont.
130623	Stadium	Yarmouth	1912	Shelburne, N.S.	78 6	20 6	9 0	118	49	28 sc.	Charles T. White & Son Co., Ltd., East Apple River, N.S.
100677	Staffa	Vancouver	1893	Vancouver, B.C.	81 5	15 3	6 0	51	35	6 sc	Purvis E. Ritchie, Vancouver, B.C.
116987	Standard	Kenora	1905	Kenora, Ont.	44 0	10 0	4 5	16	11	1 sc.	R. E. Doucett and W. A. Webster, J.O., Kenora, Ont.
111931	Stanley	Lindsay	1901	Lindsay, Ont.	36 6	6 5	2 5	7	5	6 pa.	John A. Ellis, Fenelon Falls, Ont.
94630	Stanley ⊙	Ottawa	1888	Govan, G.B.	207 8	32 0	17 9	914	395	300 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
112016	Stanley	St. Catharines	1902	Racine, Wis., U.S.A.	16 2	5 2	3 8	2	1	2½ sc.	John H. Stanley., Port Colborne, Ont.
134422	*Stanley B*	Vancouver	1912	Vancouver, B.C.	29 7	10 2	3 0	15	10	1 sc.	Philip Cain, Vancouver, B.C.
126870	Stanley Byers	Sault Ste. Marie	1901	Owen Sound, Ont.	30 0	8 4	3 2	9	6	1 sc.	R. Byers, Spanish River, Ont.
130240	Stanley Foster	Port Stanley	1912	Port Stanley, Ont.	77 9	15 6	7 3	56	38	6 sc.	John Bowman, Port Arthur, Ont.
122317	[1]*Stanley Hubley*	Lunenburg	1908	Tancook, N.S.	45 8	12 6	6 4	18	17	¾ sc.	James J. Lukeman, M.O., Hazel Hill, N.S.
100042	Star	Brockville	1892	Morris Heights, N.Y., U.S.A.	18 1	5 2	2 2	1	1	2 sc.	George Reid, Portage du Fort, Que.
100699	Star	Pictou, N.S.	1895	Trenton, N.S.	34 4	7 6	4 4	6	4	18 sc.	A. McCann, Wallace, N.S.
107141	Star	Vancouver	1897	Everett, Wash., U.S.A.	51 5	13 0	2 4	14	9	2 sc.	R. H. Sparling, Vancouver, B.C.
133912	*Star of Shippigan*	Chatham, N.B.	1913	Lamek, N.B.	36 0	10 8	6 0	14	11	1 sc.	Mathias D. Chiasson, Lamek, N.B.
134177	Starling	Shelburne	1888	East Boston, Mass., U.S.	108 9	20 5	11 5	139	62	37 sc.	The Lockeport Cold Storage Co., Ltd., Lockeport, N.S.
97116	Stella	Collingwood	1892	Collingwood, Ont.	44 0	10 0	5 6	16	11	2 sc.	Jas. W. Vance, Spanish Station, Ont.
116261	Stella	Toronto			48 0	8 5	3 9	16	11	4 sc.	Henry Fowlds Sharp, Toronto, Ont.
133946	Stella A. K.	Montreal	1914	Buckingham, Que.	67 8	16 2	6 6	61	35	16 sc.	The Sincennes McNaughton Line, Ltd., Montreal, Quebec.
130432	Stephen C. Hall	Sarnia	1880	Grand Haven, Mich., U.S.A.	161 0	30 0	10 0	511	307	58 sc.	Grant Horn, Wolfe Island, Ont., and R. Laidlaw Lumber Co., Ltd., Toronto, Ont.
130693	*Sterling D*	Vancouver	1911	Vancouver, B.C.	34 4	10 6	5 2	14	9	2¼ sc.	Reynolds Timber Shipping & Ins. Agcy, Ltd., Vancouver, B.C
130903	*Sterling M*	Vancouver	1912	Vancouver, B.C.	32 7	9 0	3 9	9	6	1 sc.	Alexander and Hugh Main, Vancouver, B.C.
121981	[2]Stetson	Victoria	1900	Eagle Harbour, Wash., U.S.A.	53 8	15 5	5 5	36	17	6½ sc.	Queen City Trading & Transportation Co., Ltd., Victoria, B.C.
134570	*Steveston*	New Westminster	1915	Steveston, B.C.	38 0	8 7	4 8	14	10	1 sc.	Senkichi Ikari, Steveston, B.C.
138395	*Steward D. S.*	Lunenburg	1917	Tancook, N.S.	42 2	11 4	5 6	14	13	1 sc.	Steadman Wilneff, M.O., Tancook, N.S.
103685	Stiletto	Toronto	1897	Victoria Harbour, Ont.	36 5	8 5	3 4	14	10	2 sc.	F. S. Grise, Midland, Ont.

[1] Formerly a sailing vessel. [2] Formerly "Eagle." [3] Formerly "Zara." [4] Formerly "Louisville." [5] Formerly "Ella Alice." [6] Formerly "Rand." [7] Foreign name "Columbia."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

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126056	Stoddart	Owen Sound	1909	Manitowaning, Ont.	45 0	12 0	4 0	11	7	2 sc.	Rixon Ainslie Stoddart Co., Ltd., Owen Sound, Ont.
111881	Stoney Lake	Peterborough	1904	Young's Point, Ont.	86 0	19 0	5 7	156	109	7½ sc.	Patrick P. Young, Young's Point, Ont.
88683	Storm King..,	Chatham, N.B.	1885	Portland, N.B.	83 4	20 2	9 2	108	73	41 sc.	The Minister of Public Works, Ottawa, Ont.
122165	Storm King	Vancouver	1906	New Westminster, B.C.	82 3	19 0	9 6	99	67	16 sc.	Gerald F. Payne, Saturna Island, B.C..
133730	Stormer	Vancouver	1913	Vancouver, B.C.	55 0	16 3	7 0	54	37	13 sc.	Herman Thorsen, Vancouver, B.C.
126096	[3]Stornoway	St. Catharines	1909	Port Maitland, Ont.	58 2	14 1	7 4	41	28	6 sc.	Ottawa Contractors, Ltd., Ottawa, Ont.
125979	*Stra-gwih-agh*	Toronto	1905	Hamilton, Ont.	49 5	8 5	3 0	16	11	2¾ sc.	Mrs. F. E. Lang, Cobalt, Ont.
103304	Stranger	New Westminster	1895	New Westminster, B.C.	46 0	10 6	4 8	21	15	2 sc.	M. H. Sinclair, and James W. Logan, New Westminster, B.C.
134208	*Strathgartney*	Charlottetown	1911	Souris, P.E.I.	47 2	10 7	5 2	17	15	1 sc.	John T. Inman and Spurgeon Hickey, Bonshaw, P.E.I.
126138	Strathlorne	Halifax	1909	Mahone Bay, N.S.	91 4	20 2	8 9	135	81	24 sc.	Halifax & Inverness Steamship Co., Ltd., Halifax, N.S.
141130	*Streamline*	Vancouver	1912	Steveston, B.C.	36 3	9 7	3 6	10	7	2 sc.	Henry M. Russell, North Vancouver, B.C.
122329	*Stroller*	Vancouver	1907	Vancouver, B.C.	23 8	7 1	3 5	6	4	⅔ sc.	Gerald T. Seaton, Vancouver, B.C.
126555	*Strongheart*	Vancouver	1908	Port Essington, B.C.	34 3	8 0	3 1	10	7	1 sc.	Prince Rupert Hydro-Electric Co., Ltd., Montreal, Que.
138096	[4]Stuart W.	Montreal	1881	Cleveland, Ohio, U.S.A.	261 8	38 4	19 6	1,707	971	79 sc.	"Stuart W.", Limited, Quebec, Que.
130588	*Sturgeon*	Halifax	1912	Halifax, N.S.	33 5	9 0	5 3	10	8	¼ sc.	William R. Wakely, Halifax, N.S.
103460	[5]*Submarine*	Arichat	1899	L'Ardoise, N.S.	42 0	15 0	5 1	19	18	1 sc.	George D. Lewis, Louisburg, N.S.
122507	*Sunbeam*	Victoria	1907	Vancouver, B.C.	41 0	11 3	5 0	23	15	1½ sc.	Henry Burchell, Thetis Island, B.C.
96992	Sunbury	New Westminster	1891	New Westminster, B.C.	60 0	12 6	4 8	38	26	3 pa.	The Silica Sand & Gravel Co., Ltd., Vancouver, B.C.
111991	Superior	Vancouver	1901	Ladners, B.C.	57 0	14 0	7 3	44	30	10 sc.	Canadian Robert Dollar Co., Ltd., Vancouver, B.C.
122413	*Supply No. 3*	Midland	1907	Midland, Ont.	29 0	8 0	3 0	11	7	⅝ sc.	The Playfair Preston Co., Ltd., Midland, Ont.
122556	Surety	Collingwood	1904	Meaford, Ont.	36 9	8 7	2 5	6	4	½ sc.	William H. Burkholder, Sault St. Marie, Ont.
103307	Surprise	New Westminster	1896	New Westminster, B.C.	42 0	9 0	4 0	20	13	2 sc.	David Stevenson and N. Currie, J.O., Vancouver, B.C.
111824	Surprise	Vancouver	1901	Vancouver, B.C.	75 7	17 4	6 5	75	51	3 sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
131212	*Susibell*	Sydney, N.S.	1907	Sydney, N.S.	38 0	8 2	4 1	8	6	1⅔ sc.	William A. Fitch, Sydney, N.S.
107569	Susie	Montreal	1901	Parrsboro', N.S.	57 5	13 5	5 1	27	16	8 sc.	Mrs. Helen M. Plummer, Montreal, Que.
117037	Susie Kennedy	Sault Ste. Marie	1904	Penetaguishene, Ont.	27 5	7 8	2 8	4	3	½ sc.	Martin Burton, Barrie, Ont.
100274	[6]*Susie N*	Windsor, N.S.	1892	Halls Harbour, N.S.	52 0	18 0	6 8	40	26	1 sc.	D. E. Cheney *et al.*, Little River, N.S.
131158	[7]*Susie W*	Vancouver	1910	Seattle, Wash., U.S.A.	46 0	11 4	5 2	20	14	1 sc.	The Rat Portage Lumber Co., Ltd., St. Boniface, Mna.
133707	*Sutil*	Victoria	1912	Hong Kong	45 0	11 3	7 3	21	14	1 sc.	Max Enke, Victoria, B.C.
92753	Swallow	Quebec	1882	Quebec, Que.	23 5	9 1	4 3	9	6	20 sc.	Hon. Richard Turner, Quebec, Que.
107179	Swan	Port Arthur	1899	Port Arthur, Ont.	36 0	8 8	3 0	8	6	1 sc.	Wm. A. Cross, Port Arthur, Ont.
116780	*Swan*	Vancouver	1904	Vancouver, B.C.	18 0	4 6	2 2	1	1	½ sc.	Ernest Easthope, Vancouver, B.C.
122340	Swan	Vancouver	1907	Vancouver, B.C.	46 4	11 8	6 6	30	21	10 sc.	T. A. Kelley Logging & Lumber Co., Ltd., Vancouver, B.C.
100792	Swan	Victoria	1893	Victoria, B.C.	65 8	13 8	5 4	36	25	8 sc.	Northern B.C. Fisheries, Ltd., Vancouver, B.C.
122211	Sweepstake	Toronto	1901	Simcoe, Ont.	37 0	10 0	4 0	28	18	2 pa.	The Ontario Lumber Co., Ltd., Toronto, Ont.

116534	[6]*Sweetheart*	Lunenburg	1905	Lunenburg, N.S.	44 2	13 6	6 2	15	14	3/5 sc.	Isaiah Cooper, M.O., Lunenburg, M.S.
130882	Swell	Victoria	1912	Vancouver, B.C.	70 0	19 0	9 0	85	42	18 sc.	Victoria Tug Co., Ltd., Victoria, B.C.
130446	Swift	Ottawa	1892	Papineauville, Que.	27 7	7 5	3 6	4	3	4 sc.	N. A. Foubert and G. F. Foubert, Cumberland, Ont.
141015	[12]*Swift Bill*	Vancouver	1912	Port Townsend, Wash. U. U.S.A.	29 1	8 3	4 1	10	7	1 1/5 sc.	Harry Bruno, Sechelt, B.C.
121675	*Swiftsure*	Vancouver	1905	Vancouver, B.C.	35 0	8 3	3 5	8	5	1 sc.	Mrs. L. C. Ward, North Vancouver, B.C.
85697	Sybella H.	Chatham, N.B.	1884	Chatham, N.B.	80 4	20 1	5 6	71	48	40 pa.	Miramichi Steam Nav. Co., Ltd., Chatham, N.B.
126772	*Sylvalee*	Richibucto	1910	Richibucto, N.B.	36 0	12 0	4 6	12	10	2/5 sc.	James Legoof, Richibucto, N.B.
100769	Sylvester	Toronto	1895	Huntsville, Ont.	45 0	11 4	6 0	27	18	7 sc.	W. S. Shaw, Bracebridge, Ont.
130302	Syra	Vancouver	1910	Vancouver, B.C.	30 0	8 5	4 6	8	6	1 sc.	Percy H. Crause, Vancouver, B.C.
111964	[8]Syracuse	Picton, Ont.	1911	Collingwood, Ont.	219 6	42 0	10 4	2,105	1,469	183 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
134310	*T. 2*	New Westminster	1913	New Westminster, B.C.	30 0	7 5	4 2	8	5	1/2 sc.	T. J. Trapp & Co., New Westminster, B.C.
138777	*T. H. L.*	Victoria	1918	Victoria, B.C.	37 8	10 7	4 6	12	6	1 1/5 sc.	Leslie B. Hampton *et al.*, Oak Bay, B.C.
122362	*T. M.*	Vancouver	1904	Steveston, B.C.	33 4	11 0	3 2	13	9	2/5 sc.	Toichido Matsunaga, Steveston, B.C..
126629	*T. R.*	Vancouver	1908	Retreat Cove, B.C.	33 0	9 5	4 0	13	9	1 sc.	Thomas R. McLay, Nanaimo, B.C.
133845	*T. & B.*	Vancouver	1913	Vancouver, B.C.	40 0	9 8	4 5	11	7	2 sc.	Thomas R. McLay, Nanaimo, B.C.
97062	T. A. Stewart	Charlottetown	1892	Charlottetown, P.E.I.	61 8	15 2	5 5	36	25	60 sc.	H. H. Brown, Charlottetown, P.E.I.
126838	T. J. Clark	Toronto	1911	Toronto, Ont.	69 0	20 0	6 0	75	51	4 1/4 sc.	Clark Limited, Toronto, Ont.
112337	[9]T. J. Jarmin	Toronto	1889 1912	West Bay City, Mich., U.S.A. Midland, Ont.	60 0	16 2	8 0	48	19	17 sc.	Jennings & Ross, Ltd., Toronto, Ont.
130767	T. J. Waffle	Kingston	1913	Smith's Falls, Ont.	105 2	22 5	8 2	149	75	4 sc.	James Swift and Co., Ltd., Kingston, Ont.
100416	T. Osborne	Ottawa	1893	Hull, Que.	52 8	13 5	5 3	25	18	50 sc.	T. Osborne, Hull, Que.
140953	T. P. Phelan	Montreal	1918	Three River, Que.	241 0	41 0	14 4	1,320	769	65 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
134116	*T. Terashita*	New Westminster	1914	Steveston, B.C.	39 0	8 8	3 8	9	6	1 sc.	Takugo Terashita, Steveston, B.C.
77836	[6]*T. W. Smith*	Halifax	1879	Chezzetcook, N.S.	48 5	17 5	7 5	35	33	2/3 sc.	Miss Frances Doggett, Doughastown, Que.
111449	Ta-Kit-Esy	Ottawa	1899	Kingston, Ont.	43 5	8 0	4 4	5	5	12 sc.	Mdme. Eloise Lalonde, Montreal, Que.
130601	*Ta-Meri*	Victoria	1907	Vancouver, B.C.	28 5	9 8	3 8	6	4	4/5 sc.	Granville V. Cuppage, Victoria, B.C..
112185	Tadenac	Toronto		Collingwood, Ont.	40 0	9 0	4 5	9	6	1 sc.	The Tadenac Club, Ltd., Toronto, Ont.
112267	[10]Tadousac	Montreal	1879	Wilmington, Del., U.S.A.	248 4	34 7	9 6	1,701	1,052	120 pa.	Canada Steamship Lines, Ltd., Montreal, Que.
134639	*Tahltan*	Victoria	1916	New Westminster, B.C.	71 0	18 5	3 0	69	59	4 sc.	Hudson's Bay Co., London, England.
133980	*Takachiyo*	New Westminster	1913	Steveston, B.C.	39 6	9 3	3 6	12	8	1 sc.	Tsunekichi Nakatsu, Steveston, B.C.
121770	Takara Maru	Vancouver	1905	Osaka, Japan	53 0	12 0	6 0	30	21	12 sc.	Richard Smith, Vancouver, B.C.
134567	*Takashina*	New Westminster	1913	Steveston, B.C.	34 0	9 0	4 7	10	7	1 sc.	Manolis N. Malahias, Dea's Island, B.C.
134636	[11]*Takush*	Victoria	1911	Seattle, Wash., U.S.A.	36 0	9 2	3 8	10	6	3 sc.	Sofus Arnet, Tofino, B.C.
122246	*Takwan*	St. Andrews	1905	St. Andrews, N.B.	28 6	11 0	5 6	11	9	1 1/2 sc.	Thomas R. Wheelock, Boston, Mass., U.S.A
130741	*Talapus*	Vancouver	1911	Vancouver, B.C.	40 0	9 0	5 0	13	9	2/5 sc.	Chas. K. Walker, Vancouver, B.C.
137907	Talaralite⊙	Toronto	1917	Collingwood, Ont.	250 0	43 8	23 5	2,631	1,394	124 sc.	International Petroleum Co., Ltd., Toronto, Ont.
122339	*Talisman*	Vancouver	1907	Vancouver, B.C.	30 1	9 5	4 0	9	6	2/5 sc.	Imperial Munitions Board, Ottawa, Ont.
130841	*Tamerlane*	Vancouver	1910	North Vancouver, B.C.	21 6	9 0	3 4	4	3	1/2 sc.	Wm. G. Breeze, Vancouver, B.C.
133847	*Tamokichi*	Vancouver	1913	Vancouver, B.C.	42 6	11 5	4 6	24	16	2 sc.	Tamokichi Tamura, Vancouver, B.C.
134644	*Tanana*	Victoria	1912	Seattle, Wash., U.S.A.	45 2	13 7	6 6	27	14	1 sc.	Nootka Packing Co., Ltd., Vancouver, B.C.
134050	*Tancook*	Lunenburg	1914	Tancook, N.S.	59 4	16 4	7 6	39	37	1 sc.	Ernest Covey, M. O., Tancook, N.S.
100072	Tangent	St. John, N.B.	1891	Hampton, N.B.	55 3	16 1	3 9	36	24	8 sc.	The G. & G. Flewelling M'f'g. Co., Ltd., Hampton, N.B.
126765	*Tanina*	Montreal	1907	Montreal, Que.	33 0	7 9	3 2	5	3	1 1/2 sc.	Harvey L. Henderson, Montreal, Que.
134280	*Tara*	Victoria	1914	Victoria, B.C.	28 6	7 0	3 5	5	3	1 sc.	Percy A. Crump, Victoria, B.C.
138539	*Tarahne*	Vancouver	1917	Atlin, B.C.	78 2	20 3	5 8	177	120	6 sc.	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
124355	Tartar	Vancouver	1906	Bowling, G.B.	90 2	17 1	9 2	133	50	41 sc.	Grant Smith & Co., and McDonald, Ltd., Vancouver, B.C.
138687	*Tartoo*	Vancouver	1917	Vancouver, B.C.	51 6	14 3	5 9	42	16	3 4/5 sc.	The Canadian Fishing Co., Ltd., Vancouver, B.C.
111786	Tasmanian	Victoria	1899	Lake Bennett, B.C.	64 0	9 4	4 4	21	12	5 sc.	L. A. Bernays, Vancouver, B.C.
138686	*Tasoo*	Vancouver	1917	Vancouver, B.C.	51 6	14 3	5 9	42	16	3 sc.	The Canadian Fishing Co., Ltd., Vancouver, B.C.
122193	Teal	New Westminster	1907	Steveston, B.C.	38 0	8 8	4 2	18	13	2 sc.	Harry Trim, Westham Islands, B.C.
103691	Tecumseh	Sault Ste. Marie	1895	Providence Bay, Ont.	37 0	9 0	3 4	10	6	2 sc.	William Fraser, Little Current, Ont.
134259	*Tee Pee*	Winnipeg	1913	Athabaska, Alta.	42 0	7 5	3 0	7	4	1 pa.	Mrs. Mabel M. Patterson, Athabaska, Alta.
95929	Tees⊙	Victoria	1893	Thornaby-on-Tees, G.B.	165 0	26 0	10 8	679	441	95 sc.	Canadian Pacific Railway Co., Montreal, Que.
126625	*Teign*	Vancouver	1909	Vancouver, B.C.	35 1	9 4	3 3	13	9	1 1/2 sc.	Kingcome Navigation Co., Ltd., Vancouver, B.C.

[3]Formerly "D and G". [4]Formerly "Collinge." [5]Formerly a Sailing Vessel and "Two Brothers." [6]Formerly a sailing vessel. [7]Formerly "San Felice." [8]Formerly "Geronia." [9]Formerly "Geyser." [10]Formerly "Virginia." [11]Foreign name "Belle R." [12]Foreign name "Minnie."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es	Breadth in feet and 10ths. — Largeur en pieds et 10es	Depth in feet and 10ths. — Profondeur en pieds et 10es	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
126416	*Tekla*	Toronto	1902	New York, N.Y., U.S.A.	102 0	21 0	13 0	83	36	6¾ sc.	John C. Eaton, Toronto, Ont.
126217	*Telkwa*	Vancouver	1908	Vancouver, B.C.	31 8	7 6	4 0	8	6	1⅘ sc.	Francis J. Ewing, Prince Rupert, B.C.
107364	[1]Temagami	Toronto	1898	Toronto, Ont.	70 5	8 5	4 0	18	12	10 sc.	Thos. J. Mullen, *et al.*, Haileybury, Ont.
107385	Temiscamingue	Ottawa	1898	Temiscamingue, Que.	133 0	22 5	6 5	295	213	21 sc.	La Compagnie de Navigation, Ville Marie, Que.
96854	Tempest	Sarnia	1884	Cleveland, Ohio, U.S.A.	64 0	8 6	5 4	21	14	5 sc.	The Reid Wrecking Co., Ltd., Sarnia, Ont.
112299	Tempest	Winnipeg	1904	Sellkirk, Man.	83 0	16 0	7 6	75	51	11 sc.	Northern Fish Co., Ltd., Selkirk, Man.
107430	[2]Tenno	Midland	1892	Detroit, Mich., U.S.A.	64 0	12 6	4 4	25	17	13 sc.	Newton K. Wagg, Midland, Ont.
87180	Tepic	Vancouver	1883	Blackwall, G.B.	70 1	16 3	8 2	71	37	25 sc.	Evans, Coleman & Evans, Ltd., Vancouver, B.C.
111546	Terra Nova	Vancouver	1901	Vancouver, B.C.	68 5	14 7	6 1	47	32	9 sc.	Duncan Rowan, Terra Nova, B.C.
103336	Terrebonne	Montreal	1871 1895	Sorel, Que.	156 2	24 1	7 2	636	320	28 pa.	Geo. Dansereau, Grenville, Que.
103981	Tess	Quebec	1896	Ayer's Flat, Que.	32 6	7 6	3 4	5	5	4 sc.	W. E. Johnson, Lake Megantic, Que.
116468	*Tezada*	Vancouver	1903	Vananda, B.C.	26 0	8 8	3 2	7	5	½ sc.	George Brister and F. A. Hart, Vancouver, B.C.
121679	Thames	Vancouver	1905	Vancouver, B.C.	41 4	10 5	4 4	20	14	3 sc.	Oxford Bay Timber & Logging Co., Ltd., New Westminster, B.C.
111962	Thelma	Picton, Ont.	1905	Wellington, Ont.	40 0	9 1	5 7	19	13	10 sc.	Kenneth B. DeMill, Wellington, Ont.
122216	*Thelma*	Toronto	1906	Toronto, Ont.	24 7	6 2	2 6	3	2	1/30 sc.	Thos. W. Waktins, Hamilton, Ont.
131161	*Thelma C.*	Lunenburg	1912	Little Tancook, N.S.	40 6	10 5	6 4	14	13	5/30 sc.	Lawson Dominey, Fox Point, N.S.
133993	*Theogene*	Chatham, N.B.	1913	Caraquet, N.B.	31 0	10 5	4 4	8	6	⅗ sc.	Honore Duguay, Caraquet, N.B.
111566	Theresa	Toronto	1900	Rosseau Falls, Ont.	49 5	9 7	5 0	26	18	2 sc.	Albert A. Agar, Burks Falls, Ont.
121740	*Thetis*	Vancouver	1906	Vancouver, B.C.	22 3	6 1	2 6	2	1	½ sc.	George Buscombe, Vancouver, B.C.
115525	Thirty-Three	Ottawa	1902	North Shields, G.B.	80 0	18 1	8 3	79	33	21 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
78024	Thistle	Collingwood	1881	Collingwood, Ont.	66 0	13 6	7 0	36	25	25 sc.	Norman MaCauley and Mrs. R. Nicol, J.O., Ericau, Ont.
107867	Thistle	Dawson	1902	Dawson, Y.T.	102 0	19 8	3 9	225	153	7 pa.	British Yukon Navigation Co., Ltd., Vancouver, B.C.
103844	Thistle	Ottawa	1895	Valleyfield, Que.	31 0	6 6	3 2	2	2	4 sc.	W. E. James, Combermere, Ont.
103890	Thistle	Ottawa	1897	Hull, Que.	40 0	9 4	3 6	5	2	6 sc.	A. H. Taylor and J. Sutherland, Ottawa, Ont.
100673	Thistle	Vancouver	1892	Vancouver, B.C.	24 0	7 3	3 4	2	2	12 sc.	Charles Reynolds, Broughton Island, B.C.
138345	[3]Thomas B.	Halifax	1885	Brooklyn, N.Y., U.S.A.	130 2	22 6	12 6	199	135	65 sc.	Harry I. Mathers, Halifax, N.S.
131147	Thomas Crosby	Vancouver	1912	Vancouver, B.C.	83 4	18 5	9 0	116	79	19½ sc.	The Methodist Church, Inc., Toronto ,Ont.
134016	Thomas Fisher	Port Arthur	1914	Fort William, Ont.	65 0	14 7	7 1	52	23	14 sc.	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
126863	Thomas J. Drummond.⊙	Sault Ste. Marie	1910	Dumbarton, G.B.	247 8	43 7	22 8	2,201	1,664	215 sc.	The Minister of Railways & Canals, Ottawa, Ont.
107595	Thomas Maitland	Owen Sound	1899	Owen Sound, Ont.	89 9	18 0	8 8	107	73	31 sc.	Rixon Ainslie Stoddart Co., Ltd., Owen Sound, Ont.
133755	[5]Thos. Mason	St. John, N.B.	1904	Boston, Mass, U.S.A.	53 1	13 0	5 6	31	21	10 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
133842	*Thornieta*	Vancouver	1912	Seattle, Wash., U.S.A.	44 0	8 5	3 6	14	10	1 sc.	Merrill Des Brissay, Vancouver, B.C.

117046	[8]*Three Brothers*	Barrington Passage	1905	Clark's Harbour, N.S.	32	0	12	1	6	2	13	12	½ sc.	Thomas Purdey, R. J. Hamish and George Williams, J. O., Liverpool, N.S.
116755	Thyra	Toronto	1887	Poughkeepsie, N.Y., U.S.A.	66	0	11	0	7	1	34	23	8 sc.	F. B. Polson, Toronto, Ont.
134429	[6]*Tiderip*	Vancouver	1900	Decatur, Wash., U.S.A.	37	0	10	4	4	3	9	6	3 sc.	Innis Hopkins, Vancouver, B.C.
134315	Tig	Kenora	1909	Kenora, Ont.	39	8	8	0	3	0	10	7	½ sc.	Joseph Nemicka, Kenora, Ont.
116336	Tiger	Ottawa	1896	Lakeport, U.S.A.	34	0	7	6	3	6	4	3	10 sc.	Ontario Corundum Co., Ltd., Ottawa, Ont.
122359	*Tillicum*	Kingston	1907	Brighton, Ont.	29	8	5	6	3	0	3	2	⅔ sc.	Malcolm L. Butler, Brighton, Ont.
122535	Tillicum	Vancouver	1906	Port Simpson, B.C.	42	3	8	1	4	0	13	9	⅔ sc.	Ralph Simpson, Arrowhead, B.C.
130286	Tillie Battle	St. Catharines	1914	Thorold, Ont.	79	6	18	2	6	7	76	51	6 sc.	Canadian Sand & Gravel Co., Ltd., Thorold, Ont.
75532	Tim Doyle	Montreal	1874 1894	Buffalo, N.Y., U.S.A. Lachine, Que.	40	6	11	8	6	2	15	10	5 sc.	Lyon Cohen, Montreal, Que.
117180	Tim Healy	Windsor, Ont.	1908	Sandwich, Ont.	41	2	12	0	6	8	34	26	6 sc.	The Windsor Dredging Co., Ltd., Windsor, Ont.
126799	*Tiono*	New Westminster	1911	New Westminster, B.C.	32	2	8	5	4	0	9	6	1½ sc.	T. W. Herring, Barnaby, B.C.
107413	Tit Bit	Montreal	1899	New York, N.Y., U.S.A.	25	2	5	9	2	2	2	1	1 sc.	S. Carsley, jr., Montreal, Que.
96909	[7]Tit Willow	Ottawa	1891	Kingston, Ont.	49	9	9	1	4	3	17	11	12 sc.	J. D. Deacon and E. A. Dunlop, J.O., Pembroke, Ont.
130949	[8]Titus McLeod	Lunenburg	1906	Lunenburg, N.S.	39	8	11	2	5	2	11	11	1 sc.	James Berringer and N. Berringer, West Dover, N.S.
133762	*Tlupana*	Victoria	1910	Victoria, B.C.	36	6	8	4	3	5	11	7	1 sc.	Wm. E. Cathels, Victoria, B.C.
122492	Togo	Chatham, N.B.	1907	Newcastle, N.B.	86	4	17	5	5	6	51	32	9 pa.	Richards Manufacturing Co., Ltd., Campbellton, N.B.
116741	Togo	Halifax	1904	Halifax, N.S.	79	5	19	2	7	8	97	66	32 sc.	The Togo Co., Ltd., Halifax, N.S.
117038	Togo	Sault Ste. Marie	1905	Massey, Ont.	44	0	10	4	5	0	15	8	1 sc.	Charles J. Clark, Massey, Ont.
116778	[8]*Togo Maru*	Vancouver	1904	Berven Island, B.C.	48	7	12	6	5	8	30	24	2½ sc.	George Albanos, Vancouver, B.C.
129767	Toiler	Kingston	1910	Newcastle-on-Tyne, G.B.	255	4	42	5	17	3	1,692	1,036	88 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
133697	*Toketie*	Victoria	1909	Vancouver, B.C.	23	0	7	3	3	2	3	2	⅔ sc.	Francis J. Barrow, Sidney, B.C.
134320	Tommy Mathieu	Kenora	1914	Fort Frances, Ont.	54	0	11	4	3	0	20	13	5 sc.	Shevlin Clarke Co., Ltd., Fort Frances, Ont.
141194	*Tonopah*	Vancouver	1918	Vancouver, B.C.	42	3	11	7	4	9	17	12	3½ sc.	Belmont Surf Inlet Mines, Ltd., Vancouver, B.C.
116781	*Tootsie Wootsie*	Vancouver	1904	Vancouver, B.C.	16	0	5	0	1	5	1	—	⅝ sc.	Geo. E. Cates, Vancouver, B.C.
122162	Topaz	Vancouver	1903	Victoria, B.C.	49	6	13	0	5	8	34	23	12 sc.	North Coast Towing Co., Ltd., Prince Rupert, B.C.
107166	Topsy	Collingwood	1896	Midland, Ont.	36	0	8	0	4	0	15	10	4 sc.	J. H. Gropp, *et al.*, J.O., Penetanguishene, Ont.
107412	Toronto⊙	Toronto	1899	Toronto, Ont.	269	4	36	0	13	8	2,779	1,652	263 pa.	Canada Steamship Lines, Ltd., Montreal, Que.
103688	Torpedo	Toronto	1898	Toronto, Ont.	34	0	8	3	5	0	8	6	1 sc.	Toronto Construction Co., Ltd., Toronto, Ont.
122180	Torpy	Port Arthur	1907	Rossport, Ont.	34	0	10	0	4	0	8	5	⅝ sc.	John Paulmert, Rossport, Ont.
134245	[9]Torsand	Toronto	1889	Manitowoc, Wis., U.S.A.	63	5	15	5	8	0	56	23	9 sc.	Toronto Sand & Gravel Co., Ltd., Toronto, Ont.
122540	*Tory*	Vancouver	1907	Vancouver, B.C.	22	3	7	6	2	0	8	5	½ sc.	James R. Jolliffe, Vancouver, B.C.
126339	*Totem*	Vancouver	1909	Vancouver, B.C.	45	2	12	0	5	9	25	17	2½ sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
122443	Tourist	St. John, N.B.	1907	Margaretville, N.S.	37	0	12	4	4	5	15	10	1 sc.	Joseph C. Welton, North Kingston, N.S.
107339	Tourist	Shelburne	1900	Yarmouth, N.S.	34	0	7	4	3	6	4	3	4 sc.	Jonathan Perry, Shelburne, N.S.
126851	[10]Tourville	Sorel	1911	Sorel, Que.	61	0	15	4	6	5	57	26	20 sc.	The Tourville Lumber Mills Co., Ltd., Montreal, Que.
134331	*Tracadie's Pride*	Chatham, N.B.	1914	Tracadie, N.B.	40	0	10	0	5	0	12	11	1 sc.	John A. Babin, Tracadie, N.B.
107838	Trader	Victoria	1901	Vancouver, B.C.	101	0	22	6	8	2	167	114	17 sc.	Gulf Steamship & Trading Co., Ltd., Victoria, B.C.
126656	Trader S.	Midland	1912	Midland, Ont.	71	1	15	2	6	0	96	66	15½ sc.	W. E. Preston, Ltd., Midland, Ont.
130449	*Tramontana*	Vancouver		U.S.A.	60	0	16	0	6	0	23	19	1 sc.	Kingcome Navigation Co., Ltd., Vancouver, B.C.
116256	Tranquilo	Toronto	1892	Bristol, R.I., U.S.A.	77	0	11	2	6	5	39	27	5 sc.	Electrical Development Co., Toronto, Ont.
100794	Transfer	Victoria	1893	New Westminster, B.C.	122	0	24	5	5	6	264	98	18 pa.	Redondo Canning & Cold Storage Co. Ltd., Vancouver, B.C.
134128	[11]*Trapp*	New Westminster	1909	Tacoma, Wash., U.S.A.	58	8	15	3	5	9	41	26	3 sc.	Packers Steamship Co., Ltd., Vancouver, B.C.
117170	*Trask*	Windsor, N.S.	1910	Summerville, N.S.	29	2	8	3	3	5	8	4	1 sc.	Herbert Stairs, Wolfville, N.S.
111930	Traveler	Port Arthur	1871	Cheboygan, Wis., U.S.A.	140	0	24	0	12	0	438	248	118 sc.	Hugh Keefer, Port Arthur, Ont.
134569	*Traveler II*	New Westminster	1914	Westham Island, B.C.	31	0	8	8	3	6	7	5	1 sc.	Joseph Martinich, Westham Island, B.C.
126856	*Traversier No. 1*	Sorel	1911	Sorel, Que.	50	3	26	1	3	3	37	31	1 pa.	Joseph Savail, Sorel, Que.
115272	Trebia	St. John, N.B.	1902	Port Glasgow, G.B.	338	7	46	0	25	7	3,586	2,343	303 sc.	Steamship Trebia Co., Ltd., Rothesay, N.B.
138266	Tremblay	Quebec	1916	Chicoutimi, Que.	84	8	20	6	6	4	129	78	9 pa.	Joseph Tremblay (Alexis) Ste. Anne de Chicoutimi, Que.
103812	Trent	Belleville	1893	Simcoe, Ont.	36	9	10	5	3	9	20	12	20 pa.	D. Gilmour, Trenton, Ont.
134038	*Trepanier*	Victoria	1911	Vancouver, B.C.	38	3	8	6	4	0	11	8	1 sc.	The Okanagan Lake Boat Co., Ltd., Naramata, B.C.
126833	Trillium	Toronto	1910	Toronto, Ont.	150	0	30	0	7	2	673	463	48 pa.	The Toronto Ferry Co., Ltd., Toronto, Ont.
111958	Trim	New Westminster		New Westminster, B.C.	28	0	8	0	2	5	3	3	2 sc.	Harry Trim, Westham Island, B.C.
126277	*Troilene*	Vancouver	1909	New Westminster, B.C.	36	9	8	0	1	8	7	4	⅓ sc.	Arthur A. Nevison, Vancouver, B.C.
138268	Trois Pistoles	Quebec	1911	Bic, Que.	39	8	10	9	5	3	20	11	1 sc.	Joseph E. Riou, M.O., Trois Pistoles, Que.

[1]Formerly "Wanda." [2]Foreign name "Wanda." [3]Foreign name "Cora." [5]Foreign name "Elizabeth." [6]Foreign name "Fawn." [7]Formerly "Titania." [8]Formerly a sailing vessel. [9]Foreign name "Carl." [10]Formerly "O. Paul." [11]Foreign name "Active."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
126768	Trois Rivières	Montreal	1869 1910	Sorel, Que. Sorel, Que.	219 8	32 0	9 6	1,449	652	53 pa..	Canada Steamship Lines, Ltd., Montreal, Que.
138215	Troja	Montreal	1918	Toronto, Ont.	251 0	43 5	25 8	2,716	1,653	151 sc..	The Troja Steamship Co., Ltd., Montreal, Que.
88233	Tropic	Brockville	1885	Smith's Falls, Ont.	40 5	8 3	3 4	9	7	7 sc..	H. T. Toffey, Portland, Ont.
126242	*Truant*	Victoria	1908	Victoria, B.C.	28 4	10 0	4 8	7	4	⅔sc..	Walter E. Adams, Victoria, B.C.
133940	Trudeau	Ottawa	.....	Lockport, N.Y., U.S.A.	75 5	17 0	8 0	81	55	8 sc..	The Minister of Public Works, Ottawa, Ont.
121783	Trudel II.	Ottawa	1904	Douglas Farm, Quinze Lake, Que.	40 4	16 7	3 6	15	5	2 pa..	James B. Klock, Mattawa, Ont.
107118	Trusty	Lunenburg	1898	LaHave, N.S.	77 0	17 4	7 8	58	33	110 sc..	The LaHave Steamship Co., Ltd., LaHave, N.S.
100201	Try	Vancouver	1891	Vancouver, B.C.	61 0	15 0	3 0	42	26	10 pa..	E. Burns, Vancouver, B.C.
126208	*Tseekwa*	Vancouver	1908	Vancouver, B.C.	27 5	8 2	4 3	8	5	1½ sc..	B. H. Crossett, Prince Rupert, B.C.
130854	*Tsubame*	Vancouver	1908	Nanaimo, B.C.	37 0	9 3	3 4	9	6	1½ sc..	Chiyo Uchido, Vancouver, B.C.
126784	*Tsuru*	New Westminster	1910	Steveston, B.C.	39 0	9 6	4 6	13	9	1½ sc..	George Isamura, Steveston, B.C.
138365	*Tsurue Maru*	Vancouver	1917	Vancouver, B.C.	38 0	9 9	3 5	12	8	1 sc..	Yonekita Hosaki, Vancouver, B.C.
126216	*Tuladi*	Vancouver	1908	Vancouver, B.C.	49 3	14 3	6 0	37	25	4½ sc..	Northern B.C. Fisheries, Ltd., Vancouver, B.C.
122386	Tulalip	Victoria	1905	Seattle, Wash., U.S.A.	33 5	9 0	3 6	12	6	5½ sc..	Joseph A. Sayward, Victoria, B.C.
115849	[3]Tuna	Montreal	1902	London, G.B.	152 7	15 3	8 7	124	84	59 sc..	The Minister of the Naval Service, Ottawa, Ont.
112201	Turbinia⊙	Hamilton	1904	Hebburn-on-Tyne, G.B.	250 0	33 2	12 6	1,064	603	*500 sc..	Canada Steamship Lines, Ltd., Montreal Que.
104283	[4]Turret Cape⊙	Montreal	1895	Sunderland, G.B.	253 0	44 0	19 4	1,827	1,142	250 sc..	Cape Steamship Co. Ltd., Halifax, N.S.
106608	Turret Court⊙	Montreal	1896	Sunderland, G.B.	253 0	44 0	19 7	1,879	1,197	250 sc..	Turret Steamship Co., Ltd.., Halifax, N.S.
104279	Turret Crown⊙	Vancouver	1895	Sunderland, G.B.	253 0	44 0	19 4	1,827	1,142	250 sc..	Commonwealth Steamship Co., Ltd., Toronto, Ont.
112394	Turtle	Ottawa	1902	Cache Bay, Ont.	65 0	20 0	3 8	38	33	12 pa.	Geo. Gordon, *et al.*, Pembroke, Ont.
137884	Tussle	Lunenburg	1910	Lunenburg, N.S.	83 2	20 5	9 8	151	67	28 sc..	La Have Steamship Co., Ltd., West LaHave, N.S.
126239	Tussler	Victoria	1899	Olympia, Wash., U.S.A.	45 8	12 8	4 6	19	11	6 sc..	Mrs. Annie C. Gardner, Victoria, B.C.
138695	Tutchi	Vancouver	1917	Carcross, Y. T.	167 9	35 2	6 3	1,041	746	8 pa.	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
111885	Tuttsy	Peterborough	1905	Peterboro', Ont.	35 5	7 5	3 0	9	6	¾ sc..	H. Allen, Peterboro', Ont.
103460	[5]*Two Brothers*	Arichat	1899	L'Ardoise, N.S.	42 0	15 0	5 1	19	18	1 sc..	Geo. D. Lewis, Louisburg, N.S.
100627	Two Friends	Port Dover	1905	Port Dover, Ont.	52 3	13 0	5 0	23	16	9 sc..	C. W. Barwell and P. C. Robinson, J.O., Port Dover, Ont.
126626	*Twyn Gwyn*	Vancouver	1909	Vancouver, B.C.	38 9	9 4	4 8	15	10	3½ sc..	William R. Jones, Vancouver, B.C.
107639	Tyee	Vancouver	1899	New Westminster, B.C.	72 0	14 2	6 5	32	18	10 sc..	S. & S. Transportation & Towing Co., Ltd., Vancouver, B.C.
60459	Tyrian	Halifax	1869	Glasgow, G.B.	237 5	30 2	19 9	1,039	667	108 sc..	The Minister of Public Works, Ottawa, Ont.
107159	Tyrrell	Vancouver	1898	Vancouver, B.C.	142 0	30 2	4 8	678	408	17 pa..	British Yukon Navigation Co., Ltd., Vancouver, B.C.
112246	*Ula*	Vancouver	1902	Vancouver, B.C.	31 8	8 6	3 0	10	7	9 sc..	Arthur Neville Smith, Vancouver, B.C.
96097	Ulala	Sydney, N.S.	1889	Dumbarton, G.B.	49 4	9 0	5 2	14	4	9 sc..	Charles S. Boucher, Sydney Mines, N.S.

103815	Ullacalula	Belleville	1900	St. Joseph, Mich., U.S.A.	38 0	7 0	3 6	6	4	10 sc.	Chas. W. Turner, Campbellford, Ont.
134023	*Ulster*	Victoria	1911	Muskegon, Mich., U.S.A.	32 5	8 5	3 6	8	5	1 sc.	John A. O'Neil Hayes, Victoria, B.C.
92658	Umbria	St. Catharines	1889	Port Dalhousie, Ont.	58 0	15 2	6 2	43	29	14 sc.	Fallon Brothers, Cornwall, Ont.
107370	Una	Toronto	1885	Peekskill, N.Y., U.S.A.	46 0	8 8	8 0	22	15	2 sc.	David S. Pratt, Midland, Ont.
133661	*Una E. Hart*	Halifax	1912	Sambro, N.S.	49 2	14 0	7 0	24	21	1 sc.	John L. Hart, Sambro, N.S.
122429	[5]*Uneas*	Halifax	1908	Sambro, N.S.	35 2	11 4	5 0	11	11	⅓ sc.	M. L. Nickerson and Alex Cook, Sambro, N.S.
92645	Uncle Jim	Wallaceburg	1886	Wallaceburg, Ont.	50 0	10 5	4 3	11	8	1 sc.	Robert Graham and Mathew Graham, Kagawong, Ont.
100680	Uncle Tom	Vancouver	1894	Vancouver, B.C.	29 5	7 4	3 3	3	2	½ sc.	Francis W. Shaw, Vancouver, B.C.
122546	*Undan*	Vancouver	1906	Vancouver, B.C.	31 1	10 0	4 9	14	9	1 sc.	Ian Mair, Victoria, B.C.
122306	[5]Undaunted	Lunenburg	1907	Lunenburg, N.S.	38 2	12 7	6 4	15	13	½ sc.	Clifford Whynott, M.O., Vogler's Cove, N.S.
103681	Undine	Toronto	1897	Toronto, Ont.	31 0	7 7	2 8	9	6	2 sc.	The Mine Centre Lumber Co., Ltd., Fort William, Ont.
122519	*Unican*	Vancouver	1907	Vancouver, B.C.	35 7	10 5	5 3	15	10	1⅝ sc.	Packers Steamship Co., Ltd., Vancouver, B.C.
85707	United Lumberman	Midland	1884	Dresden, Ont.	139 2	31 6	11 7	399	259	46 sc.	Morden Transit Co., Ltd., Midland, Ont.
111548	Uno	Vancouver	1901	Vancouver, B.C.	35 2	11 5	4 0	12	8	2 sc.	D. McIntosh and A. McKinnon, J.O., Broughton Island, B.C.
100653	Upas	Kingston	1892	Kingston, Ont.	48 2	10 0	3 4	17	11	6 sc.	O. R. Fraser, Edmonton, Alta.
126789	*Urashimo*	New Westminster	1910	Steveston, B.C.	35 3	10 4	4 9	12	8	2 sc.	Crescent Oyster Co., Ltd., Vancouver, B.C.
138061	Urgel	Ottawa	1915	Montebello, Que.	45 2	14 2	2 8	19	12	2¾ pa.	Henri Carriere, Montebello, Que.
126750	*Uwilna*	Vancouver	1909	Shanghai, China	37 0	13 5	7 0	22	15	1 sc.	Richard H. H. Alexander and John L. G. Abbott, Vancouver, B.C., J.O.
138402	*V. E. H.*	Sydney	1911	Canso, N.S.	42 7	11 4	4 0	12	10	1½ sc.	George H. Hackett, North Sydney, N.S.
130906	*V. M. D.*	Vancouver	1912	Vancouver, B.C.	40 0	9 4	4 4	15	10	1⅔ sc.	Victor M. Dafoe, Vancouver, B.C.
133881	*V.N. & T. Co. No. 1*	Vancouver	1913	Vancouver, B.C.	44 6	12 6	5 9	22	15	5 sc.	Northern B. C. Fisheries, Ltd., Vancouver, B.C.
130377	*V. S. R.*	Peterboro	1907	Chatham, Ont.	20 0	4 8	2 0	1	1	⅛ sc.	Christopher Rutherford, Peterboro, Ont.
131139	*Va et Vien*	Ottawa	1912	Fassett, Que.	38 0	14 3	2 2	10	7	1 sc.	Joseph Leblanc, Fassett, Que.
100639	Vachie	Vancouver	1892	Victoria, B.C.	40 2	10 4	4 0	10	7	2 sc.	Francis W. Walsh, Vancouver, B.C.
107684	Vacuna	Prescott	1896	Bristol, R.I., U.S.A.	75 1	13 5	8 0	52	35	6 sc.	Jno. S. Wilson, Massey, Ont.
103262	Vacuna	St. John, N.B.	1888	Brewer, Me., U.S.A.	35 0	8 5	2 7	10	6	1 sc.	S. W. Conrad, Ste. Croix, N.B.
116573	[6]Valcartier	Fort William	1903	Cleveland, O., U.S.A.	361 0	48 2	24 0	3,755	2,248	147 sc.	The Sault Shipping Co., Ltd., Sault Ste. Marie, Ont.
126324	[7]*Valdes*	Vancouver	1896	Seattle, Wash., U.S.A.	33 5	11 6	4 2	12	8	1 sc.	Roderick Martin, Vancouver, B.C.
131171	[5]*Valerie S.*	Lunenburg	1913	Tancook, N.S.	47 8	12 2	6 0	17	15	1 sc.	Jeremiah Slauenwhite, Terrence Bay, N.S.
111541	Valhalla	Vancouver	1901	Nelson, B.C.	102 5	20 8	9 0	153	34	37 sc.	Canadian Pacific Railway Co., Montreal, Que.
130244	Valinda	Yarmouth	1911	Liverpool, N.S.	95 0	21 5	9 3	117	60	19 sc.	The Bridgetown Steamship Co., Ltd., Bridgetown, N.S.
69595	[8]Valleyfield	Montreal	1873 1901	Quebec, Que. Montreal, Que.	116 0	23 2	6 5	417	280	12 sc.	The Navy League of Canada, (Ont. Div.), Toronto, Ont.
92775	Vancouver	Vancouver	1888	Vancouver, B.C.	72 0	13 7	5 2	47	32	13 sc.	James T. T. Paxton, Vancouver, B.C.
116907	*Vanguard*	Parrsboro	1907	Cape D'Or, N.S.	47 2	12 3	6 0	16	11	35 sc.	Robinson Wright, & Co., Ltd., Shulee, N.S.
130300	*Vaquero*	Vancouver	1910	Vancouver, B.C.	31 8	7 7	4 6	10	7	2 sc.	Wm. H. Dickson, Anyox, B.C.
133907	Varennes	Sorel	1911	Sorel, Que.	85 7	22 4	9 7	187	61	40 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
72967	Varuna	Picton, Ont.	1880	Wolfe Island, Ont.	94 4	17 0	5 1	134	85	40 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
100927	Varunna	Ottawa	1891	Carleton Place, Ont.	23 0	5 0	2 4	1	1	2 sc.	Geo. P. Spittal, Ottawa, Ont.
134214	*Vasa*	Prince Rupert	1914	Prince Rupert, B.C.	41 5	10 5	5 0	17	11	3 sc.	Emiry Lachance, Prince Rupert, B.C.
134258	Vaughan	Winnipeg	1914	Selkirk, Man.	82 7	19 3	9 0	134	91	20 sc.	The Minister of Public Works, Ottawa, Ont.
88578	Vega	Toronto	1884	Kingston, Ont.	37 0	6 6	3 5	7	5	4 sc.	J. K. Macdonald, Toronto, Ont.
126271	[2]*Velma W*	New Westminster	1902	Whatcom, U.S.A.	39 4	8 8	3 6	11	8	1½ sc.	W. Morrall and Ernest Richards, J.O., New Westminster, B.C.
138693	*Vencedor*	Vancouver	1916	Burton, Wash., U.S.A.	43 7	11 2	5 5	22	16	2 sc.	Northern Cedar Logging Co., Ltd., Vancouver, B.C.
117147	*Venetta*	Halifax	1904	Mahone Bay, N.S.	30 5	9 0	3 5	5	5	⅔ sc.	Joseph N. Pettipas, Bay of Islands, Nfld.
107709	Venetta	Toronto	1898	Toronto, Ont.	61 5	11 5	7 6	31	21	6 sc.	David Smith, Toronto, Ont.
122163	*Venture*	Vancouver	1906	Vancouver, B.C.	29 1	9 3	3 4	8	6	⅔ sc.	Hector McKenzie, Vancouver, B.C.
129475	Venture⊙	Victoria	1910	Old Kilpatrick, G.B.	180 4	32 1	17 0	1,011	580	171 sc.	Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C.
94832	[5]Venus	St. Andrews	1885	Booth Bay, Me., U.S.A.	59 0	18 4	6 7	42	29	⅔ sc.	Herbert G. Snell, St. Andrews, N.B.
107449	Vera	Vancouver	1898	Birkenhead, G.B.	31 5	7 3	3 8	6	4	6 sc.	James A. Brown, Port Essington, B.C.
116251	Vera A.	Toronto	1902	Midland, Ont.	35 3	9 0	3 3	11	7	1 sc.	Georgian Bay Lumber Co., Ltd., Waubaushene, Ont.
133975	*Vera M.*	New Westminster	1913	Steveston, B.C.	39 0	9 6	2 4	13	9	1 sc.	Alexander H. Mathieson, New Westminster, B.C.
130686	*Vera May*	Lunenburg	1911	Tancook, N.S.	46 6	13 4	6 8	24	22	1 sc.	Arthur Boutilier, Halifax, N.S.
126211	*Vera S. Fry*	Vancouver	1908	Vancouver, B.C.	29 0	10 5	4 8	7	5	1 sc.	Chen Ying, Prince Rupert, B.C.
126384	Vera T.	Quebec	1908	Levis, Que.	47 9	12 4	7 9	36	22	3 sc.	John S. Thom, Quebec, Que.

[2] Formerly "Welcome." [3] Formerly "Tarantula." [4] A recovered wreck. [5] Formerly a sailing vessel. [6] Foreign name "William Henry Mack." [7] Foreign name "Rona."
[8] Formerly "Paul Smith" and "Gatineau." *Turbines.

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Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
130605	*Verada*	Victoria	1910	Seattle, Wash., U.S.A.	34 0	11 6	6 6	12	8	⅔ sc.	Mrs. E. H. A. White, Vancouver, B.C.
122601	Verbena	Kenora	1907	Kenora, Ont.	70 0	16 0	6 0	72	49	13 sc.	Lake of the Woods Milling Co., Ltd., Montreal, Que.
94913	Verbena May	Southampton	1888	Southampton, Ont.	38 0	12 0	4 6	16	11	8 sc.	Richard Gawley, Mars, P.O., Ont.
133955	Vercheres	Sorel	1906	Sorel, Que.	92 8	17 0	6 5	147	53	24 sc.	The Minister of Marine and Fisheries, Ottawa, Ont.
121956	Verda Belle	Port Stanley	1908	Port Stanley, Ont.	55 5	13 6	6 4	34	23	4 sc.	Charles Ross and Ephraim G. Moyer, J.O., Dunnville, Ont.
126387	Vermillion	Quebec	1909 1917	Grandes Piles, Que. Sanmaur, Que.	77 5	14 6	3 2	41	23	3 pa.	The St. Maurice Construction Co., Ltd., Montreal, Que.
107423	Vernon Jr.	Brockville	1902	Manitowoc, Wis., U.S.A.	70 6	13 6	7 0	46	26	10 sc.	William H. Comstock, Brockville, Ont.
103689	Verva	Toronto	1898	Wahnapitae, Ont.	66 0	15 2	6 9	55	37	40 sc.	John Waldie, Toronto, Ont.
88236	Vesper	Brockville	1887	Brockville, Ont.	30 7	6 2	2 6	2	2	3 sc.	W. J. Gibbard, Napanee, Ont.
111531	Vesper	Vancouver	1900	Vancouver, B.C.	26 0	8 2	2 3	4	3	6 sc.	Frank N. Asman, Vancouver, B.C.
100698	Vesta	Pictou, N.S.	1896	Pictou, N.S.	35 8	8 3	3 9	9	5	1 sc.	J. L. Philips, Nuia Gut, N.S.
116923	Vesta	Victoria	1904	Port Simpson, B.C.	44 0	8 8	5 6	12	7	2 sc.	D. A. Robertson and George Rudge, Port Simpson, B.C.
134189	Veta	St. John, N.B.	1916	Cambridge, N.B.	40 9	10 2	5 0	12	8	4 sc.	H. B. Bridges and R. R. Reid, Gagetown, N.B.
130270	Veuve	Ottawa	1908	Sturgeon Falls, Ont.	38 0	12 0	3 3	22	14	1 pa.	George Gordon & Co., Ltd., Cache Bay, Ont.
137947	*Vici*	Vancouver	1914	Steveston, B.C.	33 4	9 5	4 0	12	8	½ sc.	William S. Gardiner, Vancouver, B.C.
96728	Victor	Chatham, N.B.	1889	Chatham, N.B.	71 6	15 8	5 0	46	29	15 pa.	Richards Manufactuirng Co., Ltd., Campbellton, N.B.
121769	*Victor*	Victoria	1906	Vancouver, B.C.	34 0	9 7	4 4	14	10	1½ sc.	Albert Jones and Wm. H. Russ, J.O., Skidegate, B.C.
121778	Victor	Winnipeg	1906	The Landing, Man.	52 0	12 0	4 5	26	18	3½ sc.	The Northern Fish Co., Ltd., Selkirk, Man.
130579	*Victor S.*	Lunenburg	1908	Tancook, N.S.	40 2	10 3	5 8	12	11	½ sc.	Gordon Wamboldt, Indian Harbour, N.S.
137976	*Victor T.*	Montreal	1912	Montreal, Que.	34 5	6 3	2 7	3	3	1 sc.	Henri Truchon, Montreal, Que.
107746	Victoria	Brockville	1900	Kingston, Ont.	72 6	15 5	5 0	58	40	3 sc.	Geo. A. Davis, Smith's Falls, Ont.
111666	Victoria	Montreal	1902	Sorel, Que.	101 7	21 2	6 9	343	183	17 sc.	Onesephore and Elphage Malette, Rigaud, Que.
107408	Victoria	Ottawa	1899	Toronto, Ont.	100 0	21 0	5 6	181	108	17 sc.	Victoria Navigation Co., Ltd., Ottawa, Ont.
112400	Victoria	Ottawa	1901	Simcoe, Ont.	42 4	16 0	3 6	25	20	20 pa.	Victoria Harbour Lumber Co., Ltd., Toronto, Ont.
103802	Victoria	Pictou, N.S.	1904	Pugwash, N.S.	64 4	17 4	6 6	68	40	5 sc.	Geo. D. Grimmer, St. Andrews, N.B.
112029	Victoria	Quebec	1901	Quebec, Que.	70 2	13 9	6 5	48	32	13 sc.	The Price Brothers & Co., Ltd., Quebec, Que.
116751	Victoria	Toronto			37 8	10 0	3 9	13	9	2 sc.	Peter Light, Penetanguishene, Ont.
100492	[1]*Victoria*	Victoria	1892	Victoria, B.C.	80 0	20 4	8 4	71	31	5 sc.	Andrew J. Bechtel, Victoria, B.C.
116365	Victoria K.	Goderich	1903	Goderich, Ont.	72 4	15 1	6 8	41	28	14 sc.	Daniel Sullivan, Blind River, Ont.
103917	Victorian	Victoria	1898	Victoria, B.C.	146 5	33 4	4 7	716	455	15 pa.	British Yukon Navigation Co., Ltd., Vancouver, B.C.
116700	*Viga*	Kenora	1903	Kenora, Ont.	18 0	5 4	2 6	1	—	⅔ sc.	Henry de Saras, Whitewood, Sask., and R. Wolff, Winnipeg, Man., J.O.
117070	Vigilant	Ottawa	1904	Toronto, Ont.	177 0	22 1	13 2	396	243	65 sc.	The Minister of the Naval Service, Ottawa, Ont.
111594	Vigilant	Vancouver	1890	Victoria, B.C.	52 0	12 4	5 0	29	20	8 sc.	Robt. Bailey, Vancouver, B.C.

116371	Viking	Port Arthur	1902	Rossport, Ont.	44 0	11 4	5 0	15	10	4 se...	Thomas Craigie, Rossport, Ont.
103130	Viking	St. John, N.B.	1891	Ashtabula, Ohio, U.S.A.	75 3	21 1	6 4	128	87	17 se...	Robert S. Kerr, Fox River, N.S.
112397	Ville Marie	Ottawa	1902	Ville Marie, Que.	35 0	11 5	4 0	32	27	2 se...	John Lumsden, Ottawa, Ont.
140927	Vimy⊙	Ottawa	1917	Toronto, Ont.	130 0	23 5	13 5	329	204	59 sc...	The Minister of the Naval Service, Ottawa, Ont.
138760	[2]*Vimy Ridge*	Halifax	1913	Boston, Mass., U.S.A.	57 0	16 5	7 2	52	42	2 se...	Tug Mouton, Ltd., Halifax, N.S.
122515	*Vina*	Vancouver	1907	Vancouver, B.C.	36 4	9 0	4 3	16	11	1½ se...	Mrs. Annette Anderson, North Vancouver, B.C.
130443	*Viner*	Vancouver	1911	North Vancouver, B.C.	45 7	14 5	5 7	24	16	3½ se...	H. Bell-Irving & Co., Ltd., Vancouver, B.C.
116880	*Viola*	St. Catharines	1905	Hamilton, Ont.	35 0	9 8	3 4	5	4	½ se...	Arthur E. Masters, *et al.*, Niagara-on-the-Lake, Ont.
133872	*Viola*	Vancouver	1913	Vancouver, B.C.	30 0	8 0	3 6	8	5	½ se...	John H. H. Genruddocke, Vancouver, B.C.
134163	[1]*Viola A*	Yarmouth	1901	Gloucester, Mass., U.S.A.	54 7	16 6	7 6	26	18	½ se...	Raymond N. D'Entremont, West Pubnico, N.S.
126412	*Viola M*	Toronto	1901	Hamilton, Ont.	29 0	7 0	4 0	8	7	5/16 se...	Henry Wallace, Minett, P. O., Muskoka, Ont.
134299	*Violet A*	New Westminster	1906	Mayne Island, B.C.	34 0	10 3	5 0	11	7	⅜ se...	Ralph Nelson, Sunbury, B.C.
137880	*Violet B. Wynacht*	Lunenburg	1910	Tancook, N.S.	42 0	10 2	5 0	11	10	5/16 se...	Thos. Richardson, Stonehurst, N.S.
125917	[1]*Violet C*	Halifax	1911	Sambro, N.S.	37 9	11 4	5 0	14	14	⅜ se...	James H. Smith, Sambro, N.S.
130566	[1]*Violet F*	Lunenburg	1909	Tancook, N.S.	42 2	10 3	5 3	12	11	½ se...	Wilson Allen, Sydney, N.S.
138009	Violet G	Port Arthur	1917	Rossport, Ont.	51 2	16 0	6 4	37	25	8 sc...	James W. Gerow, Rossport, Ont.
133671	*Violetta G*	Halifax	1913	Dartmouth, N.S.	44 5	11 3	5 4	19	13	2 se...	The Minister of Customs, Ottawa, Ont.
107740	Viper	Kingston	1899	Kingston, Ont.	40 6	7 0	4 6	8	5	10 sc...	F. J. Drake, Kingston, Ont.
111852	Viper	Port Arthur	1901	Owen Sound, Ont.	60 0	13 0	5 6	34	19	4 se...	James Whalen, Port Arthur, Ont.
130587	*Vipond*	Halifax	1912	Mahone Bay, N.S.	58 4	15 1	6 8	26	18	3½ se...	Dominion Fisheries, Ltd., Halifax, N.S.
133733	*Vireve*	Vancouver	1913	Vancouver, B.C.	31 7	8 3	3 0	7	5	1 se...	Alexander Marshall, Vancouver, B.C.
71615	[7]Virginia	Montreal	1875	Philadelphia, Pa., U.S.A.	107 0	24 0	10 8	146	89	175 se...	Sincennes-McNaughton Line, Ltd., Montreal, Que.
122190	[1]*Virginie S*	Arichat	1910	New Harbour, N.S.	41 0	12 9	7 1	16	16	3 se...	Elias V. Landry and Elias M. Boudrot, J.O., Petit de Grat, N.S.
134079	*Virtue B*	Vancouver	1913	Vancouver, B.C.	36 2	8 7	4 0	8	5	1 se...	John Buehan, Vancouver, B.C.
137999	*Vite*	Arichat	1918	River Bourgeois, N.S.	29 0	10 0	5 6	11	11	¼ se...	Jeffery Landry, River Bourgeois, N.S.
126627	*Vital Spark*	Vancouver			36 2	10 5	3 5	10	7	1½ se...	Western Packers, Ltd., Vancouver, B.C.
134328	*Vitaline*	Chatham, N.B.	1914	Inkerman, N.B.	37 3	10 8	5 5	13	11	1 se...	Philip Gagnon, Inkerman,
111808	Viva	Sault Ste. Marie	1893	Wyandotte, Mich., U.S.A.	33 0	8 0	3 6	7	5	— se...	John McEwen, Sarnia, Ont.
134392	*Vivian C*	Lunenburg	1907	West Dover, N.S.	38 2	10 0	5 2	11	10	⅜ se...	Maynard Cleveland, Halifax, N.S.
111592	Vixen	New Westminster	1898	Kaslo, B.C.	35 0	7 0	3 0	7	5	2 se...	Geo. W. Hale, Nelson, B.C.
71228	Vixen	Sault Ste. Marie	1886	Drummond Island, Mich., U.S.A.	48 0	13 8	5 0	68	53	18 se...	Chas. Monck, Cockburn Island, Ont.
133857	*Voya*	Vancouver	1913	Vancouver, B.C.	32 3	9 4	4 2	10	7	1 se...	Thomas J. Cook, Sechelt, B.C.
122371	*Volage*	Vancouver	1895	Vancouver, B.C.	36 5	10 0	5 0	13	9	½ se...	William M. Sprott, Vancouver, B.C.
134035	*Volouir*	Victoria	1911	Victoria, B.C.	32 4	8 4	4 0	7	5	1 se...	Genoa Bay Lumber Co., Ltd., Genoa Bay, B.C.
134524	Volunda II	Sydney, N.S.	1915	Mira Gut, N.S.	52 7	14 1	5 3	33	23	7 se...	Joseph L. Phillips, Mira Gut, N.S.
103442	Volunteer	Ottawa	1889	Ottawa, Ont.	35 4	6 6	3 0	3	2	4 se...	M. P. Davis, Ottawa, Ont.
111794	[1]*Volunteer*	Port Hawkesbury	1903	Port Hawkesbury, N.S.	38 0	12 0	6 3	15	14	½ se...	Joseph A. Cescale, Petit d'Grat, N.S.
103553	Voyageur	Midland	1895	Montreal, Que.	67 6	12 0	4 8	44	30	2 se...	Edwin S. Pratt, Parry Sound, Ont.
107925	Vulcan	New Westminster	1899	New Westminster, B.C.	72 0	16 0	7 5	77	52	17 sc...	The Brunette Sawmill Co., Ltd., New Westminster, B.C.
92756	Vulcan	Quebec	1889	Dalhousie, N.B.	43 3	11 8	5 5	18	13	35 sc...	The Mabou & Gulf Coal Co., Ltd., Mabou, N.S.
130851	[3]*W No. 1*	Vancouver	1911	Seattle, Wash., U.S.A.	50 0	13 3	4 8	27	19	2⅔ se...	Wallace Fisheries, Ltd., Vancouver, B.C.
138157	*W. No. 2*	Vancouver	1916	Vancouver, B.C.	33 8	9 1	3 8	9	6	1 sc...	Wallace Fisheries, Ltd., Vancouver, B.C.
131022	[4]*W. No. 4*	Vancouver	1912	Seattle, Wash., U.S.A.	44 0	13 0	5 2	22	15	3 se...	Peter Wallace, Vancouver, B.C.
121678	*W. L*	Vancouver	1905	Whatcom, Wash., U.S.A.	23 0	4 8	2 2	2	2	⅔ se...	W. Lomberg, Vancouver, B.C.
138134	*W. H. D*	Quebec	1913	Mistassini, Que.	42 0	12 6	4 0	13	10	1 se...	Horace Dery, Mistassini, Que.
138093	W. B. Morley	Montreal	1892	Marine City, Mich., U.S.A.	248 0	42 2	23 0	1,913	1,087	107 se...	Lachine Transportation and Coal Co., Ltd., Montreal, Que.
116663	[5]W. B. Russel	Toronto	1906 1914	Midland, Ont. Toronto, Ont.	42 0	11 5	4 5	22	8	6 se...	The York Construction Co., Ltd., Toronto, Ont.
130775	[6]W. C. Franz	Sault Ste. Marie	1901	Wyandotte, Mich., U.S.A.	346 0	48 0	24 1	3,429	2,030	169 se...	Algoma Central & Hudson Bay Railway Co., Sault Ste. Marie, Ont.
117036	W. D. Brock	Sault Ste. Marie	1905	Echo Bay, Ont.	35 0	10 0	3 7	13	9	2 sc...	Thomas Longworth, Steelton, Ont.
116264	W. D. Matthews⊙	Toronto	1903	Collingwood, Ont.	366 5	48 0	28 0	3,965	2,450	151 sc...	Canada Steamship Lines, Ltd., Montreal, Que.
134018	W. G. Harrow	Port Arthur	1893	Port Huron, Mich.	94 5	19 2	9 0	110	75	20 sc...	The Dominion Fish Co., Ltd., Wiarton, Ont.

[1]Formerly a sailing vessel. [2]Foreign name "Welcome." [3]Foreign name "Boston." [4]Foreign name "St. Nicholas." [5]Formerly "Idle Hour." [6]Foreign name "Uranus." [7]Formerly "Lake."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° official	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built — Construit en	Where Built. — Lieu de construction.	Lenght in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enrigistré.	H.P. of Engines and Mode of Propulsion. Puissance des machines en c.v. et mode de propulsion.	Owner of Managing Owner, and Address. Armateur ou propriétaire gérant, et address.
134548	W. H. Lee	Ottawa	1889	U.S.A.	128 9	30 0	11 0	317	190	61 sc.	The Minister of the Naval Service, Ottawa, Ont.
			1894	U.S.A.							
111810	W. H. Seymour	Sault Ste. Marie	1874	Manitowoc, Wis., U.S.A.	66 0	17 3	8 5	85	42	— sc.	Andrew Roque, Blind River, Ont.
71247	W. J. Aikins	Toronto	1874	Buffalo, N.Y., U.S.A.	60 0	15 0	6 5	42	25	40 sc.	D. C. Graham, Fort William, Ont.
107133	W. J. Emerson	Goderich	1900	Goderich, Ont.	66 0	12 7	5 5	28	19	6 sc.	Jno. Maloney, Port Arthur, Ont.
138119	W. J. Guest	Winnipeg	1917	Selkirk, Man.	85 6	19 0	8 0	97	66	20 sc.	The Northern Fish Co., Ltd., Selkirk, Man.
100922	W. J. Henry	Ottawa	1890	Carleton Place, Ont.	22 5	5 0	2 3	1	1	3 sc.	R. L. Haycock, Ottawa, Ont.
78040	W. J. Taylor	Chatham, Ont.	1883	Chatham, Ont.	35 0	8 0	3 0	9	6	10 sc.	St. Clair Tunnel Co., Sarnia, Ont.
122613	W. L. Forrest	Goderich	1912	Goderich, Ont.	68 0	17 6	9 6	84	57	37 sc.	William Birmingham, Goderich, Ont.
131121	W. L. Murphy	Ottawa	1912	Pembroke, Ont.	88 6	18 0	6 5	80	49	4 sc.	William L. Murphy, Pembroke, Ont.
94697	W. M. Weatherspoon.	Sydney, N.S.	1890	Digby, N.S.	70 2	15 8	6 6	59	34	24 sc.	Hendry, Ltd., Halifax, N.S.
96869	W. P. Buckly	Prescott	1870	Wilson, N.Y., U.S.A.	45 0	9 5	3 4	27	12	— sc.	James Buckly, Prescott, Ont.
134197	W. R. Charlton	Quebec	1906	Sault au Mouton, Que.	70 0	19 5	5 2	62	36	20 pa.	Walter R. Charlton, Sault au Mouton, Que.
134211	[2]*W. R. Lord*	Prince Rupert	1912	Gig Harbour, Wash., U.S.A.	56 5	16 6	6 8	40	27	3 sc.	Canadian Fish & Cold Storage Co., Ltd., Toronto, Ont.
85709	W. S. Ireland	Wallaceburg	1872	Wallaceburg, Ont.	86 5	24 2	6 7	105	71	9 sc.	John Cooper, Chatham, Ont.
107592	W. S. Oldfield	Owen Sound	1898	Wiarton, Ont.	42 0	12 4	5 0	15	10	26 sc.	Geo. Gorrell and John Mossip, J.O., Stromness, Ont.
130725	[1]*W. Baker*	Lunenburg	1905	Tancook, N.S.	39 6	9 9	5 2	10	10	½ sc.	Jonathan A. McDonald, M.O., Port Joli, N.S.
126747	*W. Earlton*	Vancouver	1908	Van Anda, B.C.	35 5	9 4	4 3	11	7	1 sc.	William J. Gillis, Nanaimo, B.C.
126517	W. Grant	Victoria	1910	Victoria, B.C.	93 0	18 0	10 3	103	37	45 sc.	Victoria Whaling Co., Ltd., Toronto, Ont.
134015	W. Grant Morden⊙	Port Arthur	1914	Port Arthur, Ont.	604 0	59 2	27 8	8,611	6,086	210 sc.	The Canada Interlake Line, Ltd., Toronto, Ont.
100702	Wabana	Pictou, N.S.	1899	New Glasgow, N.S.	41 0	8 4	5 2	12	8	4 sc.	The Nova Scotia Steel & Coal Co., Ltd., New Glasgow, N.S.
126247	*Wabash*	Victoria	1909	Victoria, B.C.	40 3	10 2	5 0	14	8	2⅔ sc.	Frederick R. and Francis A. MacFarlane, Cobble Hill, B.C.
131155	*Wabasso*	Vancouver	1912	Vancouver, B.C.	33 9	8 1	3 9	8	6	1 sc.	Vancouver Harbour Commissioners, Vancouver, B.C.
130644	Wabis	Ottawa	1911	Timiskaming, Que.	66 0	23 1	5 0	77	38	3 pa.	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
116633	Wacouta	Lindsay	1909	Peterborough, Ont.	66 0	13 6	5 0	33	22	6 sc.	Charles Wm. Burgoyne, M.O., Fenelon Falls, Ont.
134656	*Wadena*	Victoria	1912	Friday Harbour, U.S.A.	50 4	13 8	5 0	21	10	2 sc.	The Straits Fish Co., Ltd., Nanaimo, B.C.
116754	Wahnapitae	Toronto	1904	Penetanguishene, Ont.	91 0	18 6	10 2	153	95	37 sc.	C. Beck Mfg., Co., Ltd., Penetanguishene, Ont.
133976	*Waiata*	Victoria	1917	Nanaimo, B.C.	29 9	7 0	3 3	4	3	1 sc.	Mrs. Richard F. Jancouski, Nanaimo, B.C.
134654	*Wakanoura*	New Westminster	1913	Steveston, B.C.	38 2	9 0	3 8	11	7	1 sc.	Yosoymo Oye, Steveston, B.C.
131159	*Wake (The)*	Prince Rupert	1912	Vancouver, B.C.	41 0	11 2	4 0	18	12	2 sc.	H. F. Kergin and H. R. Fowler, J.O., Stewart B.C.
107107	Walbran	Victoria	1898	Seattle, Wash., U.S.A.	27 8	6 8	3 0	3	2	½ sc.	Wm. E. Oliver, Victoria, B.C.
130961	*Waldren W.*	Magdalen Islands	1912	Grand Entry, M.I., Que.	42 5	13 2	4 6	14	11	2 sc.	Wesley Rankin, *et al.*, Magdalen Islands, Que.

138361	*Wales Island No. 7*	Vancouver	1917	Vancouver, B.C.	49 0	13 0	6 5	24	17	2½	sc.	Merrill Ds Brissay, Vancouver, B.C.
138706	*Wales Island No. 8*	Vancouver	1918	Vancouver, B.C.	46 4	16 4	5 5	25	13	2½	sc.	Merrill Des Brissay, Vancouver, B.C.
140918	*Wales Island No. 9*	Vancouver	1918	Vancouver, B.C.	37 6	12 3	5 2	23	18	2½	sc.	Merrill Des Brissay, Vancouver, B.C.
138689	*Walithy 1*	Vancouver	1917	Vancouver, B.C.	62 8	10 9	6 1	31	18	7	sc.	Walithy Ltd., Vancouver, B.C.
133710	*Walronda*	Vancouver	1912	Hong Kong	60 0	13 0	5 6	44	30	2⅔	sc.	The Minister of Public Works, Ottawa, Ont.
71075	Walter H. Stone	Amherstburg	1889	Sandusky, O., U.S.A.	64 2	16 5	6 7	35	17	2	sc.	Albert Henning, Pelee Island, Ont.
90774	Walter Scott	Windsor, Ont.	1876	Buffalo, N.Y., U.S.A.	36 0	10 8	4 7	26	18	25	sc.	J. W. Maitland, Owen Sound, Ont.
125997	Wampanoag	Quebec		U.S.A.	57 3	12 0	8 4	38	22	13	sc.	John Doran, Levis, Que.
134657	*Wamega*	Victoria	1912	Friday Harbour, Wash., U.S.A.	50 4	13 8	5 0	21	10	2	sc.	The Straits Fish Co., Ltd., Nanaimo, B.C.
126465	Wanakewan	Kingston	1910	Kingston, Ont.	70 2	15 4	5 2	68	44	8	se.	Rideau Steamboat Co., Ltd., Ottawa, Ont.
107739	Wanda	Kingston	1899	Kingston, Ont.	65 0	10 5	6 6	39	26	7	se.	Daniel O'Connor, Temagami, Ont.
85720	Wanda	Prescott	1878	Watertown, N.Y., U.S.A.	36 0	8 0	3 0	4	2	6	sc.	O. Bascom, Kemptville, Ont.
94950	Wanda	Yarmouth	1890	Lockeport, N.S.	60 0	15 0	7 9	38	32	3	sc.	Hugh Cann & Son, Ltd., Yarmouth, N.S.
137902	Wanda III	Toronto	1915	Toronto, Ont.	94 0	12 0	6 4	60	38	22	sc.	Margaret W. Eaton, Toronto, Ont.
116988	Wanderer	Kenora	1905	Kenora, Ont.	45 0	11 0	4 5	20	13	1	sc.	J. Matheson, Kenora, Ont.
121677	Wanderer	Vancouver	1905	Vancouver, B.C.	23 0	7 6	2 0	4	3	⅔	sc.	N. Cook and Alfred Falk, J.O., Vancouver, B.C.
126762	*Wanderer of the North*	Montreal	1910	Montreal, Que.	65 5	16 3	6 2	53	36	4½	se.	William M. Birks, Montreal, Que.
103683	[7]Wanita	Toronto	1896	Almie Harbour, Ont.	64 0	12 0	5 8	44	30	8	sc.	A. A. Agar, Burk's Falls, Ont.
100651	Wapenao	Kingston	1893	Kingston, Ont.	40 7	8 2	3 0	5	3	8	sc.	T. Eaton, Toronto, Ont.
107734	[8]Wapiti	Kenora	1899	Kingston, Ont.	55 6	9 7	4 2	18	12	8	se.	Wm. and Israel Caygo, J.O., Rainy River, Ont.
141127	War Atlin ⊙	Vancouver	1918	N. Vancouver, B.C.	249 7	43 5	22 8	2,338	1,434	147	sc.	The Shipping Controller, London, England.
140936	War Baline ⊙	Victoria	1918	Victoria, B.C.	249 8	43 4	22 9	2,342	1,418	147	sc.	The Shipping Controller, London, England.
140939	War Camchin ⊙	Victoria	1918	Victoria, B.C.	249 8	43 4	22 9	2,339	1,418	147	sc.	The Shipping Controller, London, England.
141036	War Cariboo ⊙	Vancouver	1918	North Vancouver, B.C.	249 6	43 4	22 8	2,330	1,429	151	sc.	The Shipping Controller, London, England.
141118	War Casco ⊙	Vancouver	1918	Vancouver, B.C.	249 7	43 3	22 9	2,319	1,425	147	sc.	The Shipping Controller, London, England.
141037	War Cayuse ⊙	Vancouver	1918	North Vancouver, B.C.	249 5	43 4	22 8	2,346	1,438	147	sc.	The Shipping Controller, London, England.
141128	War Charger ⊙	Vancouver	1918	Vancouver, B.C.	410 5	54 1	27 5	5,703	4,145	2,650	*sc.	The Shipping Controller, London, England.
141205	War Chilkat ⊙	Vancouver	1918	Vancouver, B.C.	249 5	43 5	22 8	2,331	1,431	147	sc.	The Shipping Controller, London, England.
140979	War Comox ⊙	New Westminster	1918	New Westminster, B.C.	249 1	43 7	23 0	2,338	1,436	148	sc.	The Shipping Controller, London, England.
134647	*War Eagle*	Victoria	1916	Nanaimo, B.C.	45 4	8 5	4 5	16	11	1	se.	John Lee, Nanaimo, B.C
140987	War Edensaw ⊙	New Westminster	1918	New Westminster, B.C.	249 6	43 5	22 8	2,336	1,424	138	sc.	The Shipping Controller, London, England.
140940	War Haida ⊙	Victoria	1918	Victoria, B.C.	249 8	43 4	23 0	2,345	1,418	151	sc.	The Shipping Controller, London, England.
141172	War Kitima ⊙ t	New Westminster	1918	New Westminster, B.C.	249 4	43 6	22 8	2,336	1,434	143	sc.	The Shipping Controller, London, England.
138788	War Masset ⊙	Victoria	1918	Victoria, B.C.	249 8	43 4	23 0	2,340	1,417	147	sc.	The Shipping Controller, London, Eng.
140949	War Nanoose ⊙	Victoria	1918	Victoria, B.C.	249 8	43 4	22 9	2,285	1,405	146	sc.	The Shipping Controller, London, England.
141125	War Nicola ⊙	Vancouver	1918	N. Vancouver, B.C.	249 5	43 4	22 8	2,230	1,429	111	sc.	The Shipping Controller, London, England.
140942	War Skeena ⊙	Victoria	1918	Victoria, B.C.	249 8	43 4	23 0	2,342	1,416	151	sc.	The Shipping Controller, London, England.
140941	War Stikine ⊙	Victoria	1918	Victoria, B.C.	249 8	43 4	22 9	2,335	1,413	151	sc.	The Shipping Controller, London, England.
140982	War Sumas ⊙	New Westminster	1918	Port Coquitlam, B.C.	249 4	43 6	22 5	2,305	1,415	147	sc.	The Shipping Controller, London, England.
141195	War Suquash ⊙	Vancouver	1918	N. Vancouver, B.C.	249 7	43 4	22 9	2,334	1,430	147	sc.	The Shipping Controller, London, England.
141204	War Tanoo ⊙	Vancouver	1918	Vancouver, B.C.	249 7	43 5	22 9	2,326	1,429	147	sc.	The Shipping Controller, London, England.
140981	War Tyee ⊙	New Westminster	1918	Port Coquitlam, B.C.	249 8	43 4	22 6	2,302	1,413	147	sc.	The Shipping Controller, London, England.
103810	War Wasp ⊙	Pictou, N.S.	1917	New Glasgow, N.S.	228 7	35 6	17 8	1,422	810	*1,000	sc	Robert B. Chadwick and Frank S. Askem, J.O., Liverpool, England.
100084	Waring	St. John, N.B.	1892	Rothesay, N.B.	49 8	13 1	5 7	29	20	13	sc.	Mrs. Hugh Bailie, Port Moody, B.C.
107354	Warren G.	Sydney, N.S.	1891	Newburyport, U.S.A.	28 0	6 6	3 2	3	2	5	sc.	J. Nicholson, North Sydney, N.S.
130682	[1]*Warren G. C.*	Lunenburg	1907	Lunenburg, N.S.	40 2	10 8	5 5	12	10	⅔	sc.	Frederick and Robert Hyson, Mahone Bay, N.S.
122496	*Warren P*	Chatham, N.B.	1907	Shippigan, N.B.	52 6	15 1	5 7	27	20	2½	sc.	W. S. Loggie Co., Ltd., Chatham, N.B.
138181	*Wasaga*	Collingwood	1917	Hector, Ont.	33 0	11 1	4 1	10	8	1	sc.	Henry and William Freeman, J.O., Hector, Ont.
134641	*Waseca*	Victoria	1912	Friday Harbour, Wash., U.S.A.	50 4	13 8	5 0	21	10	2	sc.	The Straits Fish Co., Ltd., Nanaimo, B.C.
126902	*Wasp B*	Halifax	1907	Mahone Bay, N.S.	43 0	12 4	4 8	15	14	1½	se.	Halifax Graving Dock Co., Ltd., London, G.B.
126288	Wasson	St. John, N.B.	1909	The Range, N.B.	55 6	15 6	6 9	45	30	16	sc.	Arthur W. Adams, *et al.*, St. John, N.B.
138072	*Watamba*	Ottawa	1911	Isle of Wight, G.B.	50 1	6 0	3 6	9	4	1	sc.	The Minister of the Naval Service, Ottawa, Ont.

[1] Formerly a sailing vessel. [2] Foreign name "Oceania." [7] Formerly "Cyclone." [8] Formerly "Watiti." *Signifies Turbine.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1918.

Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.
⊙Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Gross Tonnage. — Tonnage brut.	Registered Tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c. v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
103924	[3]Water Lily	Peterborough	1897 1901	Peterborough, Ont.	80 0	12 0	5 2	54	37	3 sc.	Wm. Buller, Peterborough, Ont.
94923	Water Lily	Montreal	1891 1903	Picton, Ont.	97 1	19 2	7 8	138	63	11 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
112256	Water Lily	Vancouver	1903	Vancouver, B.C.	27 7	7 6	3 4	4	3	2 sc.	Wilbur Johnston, Vancouver, B.C.
130525	*Water Sprite (The)*	Montreal	1911	Dorval, Que.	31 5	6 5	2 5	4	3	1½ sc.	George A. Mooney, Montreal, Que.
116288	Water Witch	Halifax	1903	Dartmouth, N.S.	80 0	18 0	8 3	90	61	75 sc.	Tug Mouton, Ltd., Halifax, N.S.
107877	Water Witch	Lindsay	1900	Lindsay, Ont.	44 8	10 5	4 2	18	12	2 sc.	Michael Dovey, Lindsay, Ont.
116836	*Waterlily*	Kingston	1904	Toronto, Ont.	25 7	5 8	2 6	2	2	½ sc.	Charles H. Gray, Gananoque, Ont.
134080	*Watla*	Vancouver	1913	Vancouver, B.C.	43 0	10 0	5 5	19	13	2 sc.	The Attorney General for British Columbia, Victoria, B.C.
138653	Watuka⊙	Pictou, N.S.	1918	New Glasgow, N.S.	248 7	35 1	17 3	1,735	1,067	110 sc.	Wasis Steamship Co., Ltd., New Glasgow, N.S.
138497	Wau Bano	Montreal	1917	Sanmaur, Que.	80 2	13 8	3 7	61	34	5 pa.	The St. Maurice Construction Co., Ltd., Montreal, Que.
112336	Waubaushene	Collingwood	1904	Collingwood, Ont.	78 0	18 5	12 6	135	92	37 sc.	Georgian Bay Lumber Co., Ltd., Waubaushene, Ont.
122555	Waubic	Collingwood	1909	Collingwood, Ont.	134 1	25 0	9 5	504	244	67 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
134423	Waukesha	Vancouver	1912	Vancouver, B.C.	32 8	8 2	4 4	10	7	1 sc.	Edward L. Quinn, Powell River, B.C.
137905	Wauketa	Toronto	1914	Midland, Ont.	73 0	16 5	10 5	91	54	13½ sc.	The Minister of Public Works, Ottawa, Ont.
130971	*Waukon*	Collingwood	1912	Collingwood, Ont.	65 2	11 5	5 0	29	20	3 sc.	Frederick C. Watts, Collingwood, Ont.
111889	*Wauneta*	Peterborough	1906	Lakefield, Ont.	25 2	5 2	2 5	2	2	½ sc.	Thomas and William Gordon, J.O., Lakefield, Ont.
126908	*Wawa*	Halifax	1910	Mahone Bay, N.S.	32 6	10 0	6 0	9	8	⅔ sc.	Fitzgerald U. Anderson, Halifax, N.S.
107750	Wawa	Kingston	1901	Kingston, Ont.	41 0	8 6	3 4	9	6	6 sc.	Mrs. Gerald de C. O'Grady, Toronto, Ont.
138370	*Wawanesa*	Vancouver	1917	Vancouver, B.C.	68 3	14 8	7 9	55	37	5 sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
116769	Wawaskesh	Toronto	1903	Simcoe, Ont.	37 0	9 3	2 8	19	12	2 pa.	Wm. E. Bigwood, Toronto, Ont.
116762	Wawinet	Toronto	1904	Toronto, Ont.	87 0	12 5	7 5	68	46	9 sc.	Wm. McKenzie, Toronto, Ont.
122541	We Two	Vancouver	1907	Vancouver, B.C.	50 9	13 5	6 4	32	22	9 sc.	Evans, Coleman & Evans, Ltd., Vancouver, B.C.
126797	*Weasel*	New Westminster	1910	New Westminster, B.C.	26 6	7 9	2 8	4	3	⅔ sc.	James W. H. Cartmell, Chilliwack, B.C.
126646	[2]Web	Port Dover	1903 1914	Buffalo, N.Y., U.S.A. Port Dover, Ont.	62 6	15 0	6 5	39	26	3 sc.	William F. Kolbe, Port Dover, Ont.
121919	*Weigo*	Kenora	1907	Kenora, Ont.	22 0	6 0	3 4	2	1	⅔ sc.	Charles N. Sterling, Kenora, Ont.
134092	*Wekeninnish*	Vancouver	1914	Vancouver, B.C.	45 8	11 0	4 8	23	16	1 sc.	The Minister of the Interior, Ottawa, Ont.
126892	*Wekesia*	Vancouver	1909	Vancouver, B.C.	31 7	8 6	3 4	15	10	1⅓ sc.	The Attorney General for the Province of British Columbia, Victoria, B.C.
85500	Welcome	Collingwood	1886	Collingwood, Ont.	52 0	11 0	5 2	21	14	13 sc.	Mrs. F. M. Smith, Fort William, Ont.
111596	Welcome	New Westminster	1901	Harrison River, B.C.	75 0	9 0	2 5	32	20	4 pa.	Tidewater Timber Co., Ltd., Vancouver, B.C.
126444	Wendigo	Kenora	1908	Kenora, Ont.	52 0	11 0	4 0	33	22	2 sc.	Rat Portage Lumber Co., Ltd., St. Boniface, Man.
92744	Wenola	Sackville	1892	Bay Verte, N.B.	49 0	11 0	4 7	25	17	2 sc.	G. McKean, M. O., St. John, N.B.
107685	Wenona	Prescott	1905	Prescott, Ont.	66 6	10 4	4 6	26	17	8 sc.	Upper Ontario Steamboat Co., Ltd., New Liskeard, Ont.

111841	Wenonah	Chatham, N.B.	1901	Chatham, N.B.	31	5	8	8	4	2	9	6	4 sc.	F. M. Tweedie, Chatham, N.B.
103650	Wenonah	Kingston	1899	Oliver's Ferry, Ont.	37	0	8	6	3	5	6	4	— sc.	Wm. McLaren, Perth, Ont.
92433	Wenonah	Toronto	1886 to 1906	Burk's Falls, Ont.	94	6	18	0	6	8	93	56	9 sc.	Robert J. Watson, Burk's Falls, Ont.
103441	Weslemkoon	Ottawa	1895	Lake Weslemkoon, Ont.	37	0	15	8	3	6	17	9	20 sc.	Rideau Lumber Co., Ltd., Ottawa, Ont.
130868	*West*	New Westminster	1912	Steveston, B.C.	41	0	10	3	4	3	14	9	1 sc.	The Packers Steamship Co., Ltd., Vancouver, B.C.
111861	West Arm	Ottawa	1901	Sturgeon Falls, Ont.	55	0	12	8	5	5	27	24	35 sc.	Henry Quesnel, J.P., Sturgeon Falls, Ont.
138776	*West Bay*	Victoria	1917	Victoria, B.C.	35	0	11	2	4	8	16	8	2 sc.	Victor Jackobson, Victoria, B.C.
126631	*West Vancouver*	Vancouver	1909	Vancouver, B.C.	41	5	9	5	4	0	12	8	2⅔ sc.	Wm. McLellan, West Vancouver, B.C.
134086	*West Vancouver No. 5*	Vancouver	1914	Vancouver, B.C.	83	0	16	0	6	3	71	49	7 sc.	Corporation of the District of West Vancouver, West Vancouver, B.C.
122392	Western Slope	Victoria	1907	Sooke, B.C.	42	8	14	0	6	4	20	12	3 sc.	Charles M. Menzies, Vancouver, B.C.
126900	*Westerner*	Vancouver	1910	Vancouver, B.C.	32	0	8	1	4	9	8	6	⅔ sc.	Thomas S. Hansen, Skeena River, B.C
126740	*Westez*	Vancouver	1909	Vancouver, B.C.	29	4	7	6	4	1	7	5	⅔ sc.	Canadian Explosives, Ltd., Montreal, Que.
126276	Westham	New Westminster	1909	New Westminster, B.C.	85	3	22	0	8	3	199	126	10 sc.	Frank Waterhouse & Company of Canada Ltd., Vancouver, B.C.
138232	Westmount	Montreal	1917	Collingwood, Ont.	536	0	58	3	26	7	7,392	5,635	217 sc.	Montreal Transportation Co., Ltd., Montreal, Que.
126434	*Westover*	Vancouver	1909	North Vancouver, B.C.	34	5	8	6	4	6	10	7	1⅔ sc.	Geo. M. Robertson and W. D. Carter, J.O., Vancouver, B.C.
71179	Westport	Kingston	1862	Bedford Mills, Ont.	102	9	20	6	7	7	196	165	15 sc.	M. Scanlan, Montreal, Que.
116546	Westport	Kingston	1903	Westport, Ont.	87	5	18	9	6	0	80	48	10 sc.	Miss Mary Eligh, Kemptville, Ont.
116208	Westport III	Yarmouth	1903	Shelburne, N.S.	101	0	21	3	9	0	140	58	24 sc.	The Insular SS. Co., Ltd., Westport, N.S.
114445	[4]Wethersfield ⊙	Montreal	1903	Wallsend-on-Tyne, G.B.	248	7	42	0	20	6	1,875	1,171	230 sc.	Canadian Maritime Co., Ltd., Montreal, Que.
94824	Weymouth	Pictou, N.S.	1890	Weymouth Bridge, N.S.	102	7	19	0	7	6	154	106	26 sc.	The Bras d'Or Steamboat Co., Ltd., North Sydney, N.S.
126552	What Shan	Vancouver	1909	Nakusp, B.C.	89	8	19	0	8	1	106	72	27 sc.	Canadian Pacific Railway Co., Montreal, Que.
92400	Where Now	Kingston	1889	Kingston, Ont.	77	0	12	8	6	6	48	26	90 sc.	Hamilton Shipbuilding and Ferry Co., Ltd., Hamilton, Ont.
112209	*Where To*	Hamilton	1915	Hamilton, Ont.	46	6	11	0	3	6	14	11	1 sc.	Hamilton Shipbuilding and Ferry Co., Ltd., Hamilton, Ont.
126074	*Whistle Wing*	Vancouver	1907	Muskegon, Mich., U.S.A.	39	3	8	2	4	6	14	9	1⅔ sc.	Thos. H. Foster, Vancouver, B.C.
138827	*White Birch*	Lunenburg	1918	Tancook, N.S.	49	8	14	2	7	5	29	28	1 sc.	Hovey Slauenwhite, *et al*,, Tancook, N.S.
130455	[5]*White Cliff*	Vancouver		U.S.A.	36	0	10	0	4	8	12	8	2 sc.	Frederick W. Reynolds, Vancouver, B.C.
128708	*White Cloud I*	Vancouver	1911	Hong Kong	54	0	12	0	7	2	28	15	1 sc.	Henry Pybus, Vancouver, B.C.
107837	White Horse	Victoria	1901	White Horse, Y.T.	167	0	34	5	4	5	987	631	17 pa.	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
130742	[6]*White House*	Vancouver		U.S.A.	28	8	5	0	2	4	4	2	½ sc.	Joseph Bethel, Vancouver, B.C.
140892	*White Iris*	Vancouver	1911	Vancouver, B.C.	30	4	9	1	3	9	10	7	1 sc.	Joseph H. Michelmore, Vancouver, B.C.
103961	White Star	Montreal	1897 to 1905	Montreal, Que. Cornwall, Ont.	167	2	41	8	8	2	629	313	37½ pa.	Canada Steamship Lines, Ltd., Montreal, Que.
111583	White Star	Peterborough	1900	Lakefield, Ont.	30	0	7	4	2	4	9	6	6 pa.	E. A. Peck, Peterborough, Ont.
103392	White Wings	Deseronto	1894	Deseronto, Ont.	35	0	6	1	1	7	3	2	— sc.	T. McDonald, Thurlow, Ont.
126224	*Whiteley*	Sarnia	1909	Sombra, Ont.	22	4	6	5	2	9	3	2	¼ sc.	Thomas Wilbur Whiteley, Sombra, Ont.
140921	Whitney	Ottawa	1918	Cache Bay, Ont.	48	0	12	0	3	9	24	13	3 pa.	Geo. Gordon, & Co., Ltd., Cache Bay, Ont.
130743	[7]*Wigwam*	Vancouver	1903	Whatcom, Wash., U.S.A.	45	6	10	4	4	4	13	9	3⅓ sc.	Claude C. Ketchum, Prince Rupert, B.C.
121743	*Wiking*	Vancouver	1905	Eburne, B.C.	30	0	9	0	3	0	8	5	⅔ sc.	John Anderson, Eburne, B.C.
99103	Wild Rose	Montreal	1891	Dartmouth, N.S.	47	0	7	0	4	0	10	6	10 sc.	Arthur L. Drummond, Montreal, Que.
111965	Wiley M. Egan	Montreal	1887	Cleveland, O., U.S.A.	260	7	39	9	19	8	1,667	1,025	27 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
103713	Wilfred C	Moncton	1897	Yarmouth, N.S.	80	0	18	5	8	0	99	48	16 sc.	Shepody Navigation Co., Ltd., Moncton, N.B.
126954	*Wilful*	Victoria	1906	Victoria, B.C.	26	0	6	9	2	8	4	2	⅔ sc.	John Harper, Victoria, B.C.
130761	Willard	Kingston	1912	Rideau Ferry, Ont.	44	4	9	0	3	5	27	18	1 sc.	Mrs. Mabel A. Code, Smith's Falls, Ont.
96858	William A. Rooth	Port Arthur	1871	Port Colborne, Ont.	81	0	15	7	7	6	52	32	20 sc.	The James Harrigan Co., Ltd., Port Arthur, Ont.
90880	William Aitken	Charlottetown	1887	Yarmouth, N.S.	73	9	18	3	7	8	75	51	38 sc.	W. H. Batt, Charlottetown, P.E.I.
121953	William D	Port Stanley	1899	Erie, Pa., U.S.A.	35	6	9	5	3	4	10	7	1 sc.	James Young, Gore Bay, Ont.
103952	Wm. Davis	Montreal	1897	Montreal, Que.	63	3	16	0	6	0	40	27	9 sc.	Michael McAuliff, *et al.*, Welland, Ont.
116487	Wm. E. Rooney	Wallaceburg	1902	Toledo, O., U.S.A.	40	9	12	8	4	2	11	6	4 sc.	Dominion Sugar Co., Ltd., Wallaceburg, Ont.
77717	Wm. F. McRae	Wallaceburg	1880	Wallaceburg, Ont.	65	0	14	4	6	8	46	31	35 sc.	William J. Finn and S. Thompson, J.O., Cascades Point, Que.
126731	[8]Wm. H. Ladner	Vancouver	1909	Vancouver, B.C.	124	0	27	2	5	0	285	163	9 pa.	The Minister of Public Works, Ottawa, Ont.
90763	Wm. H. Seibold	Goderich	1887	Goderich, Ont.	58	0	12	2	6	0	22	15	25 sc.	Dominion Fish Co., Ltd., Winnipeg, Man.
134619	Wm. Heitman	Sault Ste. Marie	1909	St. Joseph's, Algoma, Ont.	37	0	10	0	4	7	13	5	1 sc.	Percy W. Kent, Kentvale, Ont.
80874	William Johnston	Kingston	1878	Garden Island, Ont.	85	9	20	9	6	6	95	53	32 sc.	John Donnelly, Kingston, Ont.

[1] Formerly "Kacymo." [2] A recovered wreck. [3] Formerly "Eclipse." [4] Formerly "Westmount." [5] Foreign name "Petrel." [6] Foreign name "John 3.16." [7] Foreign name "Ella." [8] Formerly "Helen M. Scanlon."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1918.

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Official No. — N° officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Built. — Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es	Breadth in feet and 10ths — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Gross Tonnage. — Tonnage brut.	Registered tonnage. — Tonnage enregistré.	H.P. of Engines and Mode of Propulsion. — Puissance des machines en c.v. et mode de propulsion.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
111842	Wm. M.	Chatham, N.B.	1901	Chatham, N.B.	54 0	14 4	6 0	29	20	13 sc.	Wm. M. and E. H. Sinclair, Newcastle, N.B.
107527	William Ogilvie	Victoria	1899	Lake Bennett, B.C.	63 0	14 4	4 5	82	56	5 sc.	Inland Trading Co., Ltd., Victoria, B.C.
134193	Wm. Rollar	Sault Ste. Marie	1882	Saugatuck, Mich., U.S.A.	56 0	13 6	7 6	36	11	8 sc.	Alexander B. McLean, Sault Ste. Marie, Ont.
97004	William Wilson	St. Catharines	1892 1903	Ridgeway, Ont. Port Maitland, Ont.	43 4	11 1	5 2	15	10	1 sc.	Albert Henning, Port Burwell, Ont.
107402	Willie C.	Montreal	1893	Eddieville, N.Y., U.S.A.	39 0	9 6	4 0	8	6	3 sc.	Lyon Cohen, Montreal, Que.
80780	Willie Seagel	Sarnia	1888	Sarnia, Ont.	37 0	8 6	4 0	22	15	2 sc.	Harry F. Bridges, Windsor, Ont.
100929	Willis	Ottawa	1893	Ottawa, Ont.	30 4	7 6	3 0	2	1	6 sc.	D. O'Connor, Ottawa, Ont.
130980	Willrose	Collingwood	1915	Collingwood, Ont.	60 0	15 8	6 3	49	31	10 sc.	Wm. Rose, Meaford, Ont.
130236	Wilma	Port Stanley	1911	Collingwood, Ont.	69 0	16 4	7 7	55	37	13½ sc.	Wilma Fish Co., Ltd., Port Stanley, Ont.
130448	*Wimbril*	Vancouver	1911	Vancouver, B.C.	30 5	7 3	4 2	9	6	½ sc.	Wm. Aconley, Vancouver, B.C.
126511	*Winamac*	Victoria	1909	Vancouver, B.C.	47 0	12 5	6 2	29	15	2½ sc.	Abraham R. Bittancourt, Ganges Harbour, B.C.
103562	Windermere	Quebec	1881	Montreal, Que.	76 7	10 5	4 9	31	21	3 sc.	Antoine Gagnon, Quebec, Que.
125986	[9]Windsor	Montreal	1892	Marine City, Mich., U.S.A.	257 1	41 0	24 4	1,962	1,276	73½ sc.	Montreal Transportation Co., Ltd., Montreal, Que.
138053	*Winkle*	Chatham, N.B.	1916	Lamek, N.B.	46 0	12 5	4 5	16	12	1 sc.	Lucien Gauvin, Pigeon Hill, Shippigan Is., N.B.
116314	[10]Winner	Amherstburg	1884	Toledo, O., U.S.A.	77 7	16 2	8 0	76	52	21 sc.	Albert Henning, Port Burwell, Ont.
130444	*Winnetka*	Vancouver	1907	Vancouver, B.C.	24 5	8 6	2 2	7	5	¾ sc.	A.Watt and E. H. Dunwoodie, Vancouver, B.C.
103921	[1]Winnett	Peterborough	1895	Bobcaygeon, Ont.	54 0	8 1	4 0	22	15	6 sc.	B. I. Gibson and Edward Lynch, Hastings, Ont.
94920	Winnie	Southampton	1897	Pike Bay, Ont.	48 0	9 5	5 0	14	9	2 sc.	L. Belmore, Southampton, Ont.
94808	Winnifred	Victoria	1889	Victoria, B.C.	44 0	9 9	4 2	13	8	6 sc.	Monarch Towing & Trading Co., Ltd., Vancouver, B.C.
130716	Winnipegosis	Kenora	1909	Winnipegosis, Man.	36 8	9 3	3 6	12	8	1 sc.	Alexander I. McPherson, Dauphin, Man.
122851	Winona	Hamilton	1906	Wallsend-on-Tyne, G.B.	252 0	43 5	21 3	2,085	1,327	225 sc.	Canada Steamship Lines, Ltd., Montreal, Que.
94717	Winona	Midland	1902	Port Stanley, Ont.	101 2	22 9	6 8	231	149	24 sc.	Mrs. Isabella D. White, Midland, Ont.
121706	*Winona*	Toronto	1905	Toronto, Ont.	47 5	10 0	4 3	20	13	2 sc.	W. P. Murray, Toronto, Ont.
126783	*Wireless*	New Westminster	1910	New Westminster, B.C.	79 0	18 5	8 2	90	49	33 sc.	Westminster Towing & Fishing Co., Ltd., New Westminster, B.C.
126408	Wisawasa (The)	Ottawa	1907	Sturgeon Falls, Ont.	60 0	16 0	5 2	62	46	21 pa.	John R. Booth, Ottawa, Ont.
138089	Woburn	Quebec	1915	Lake Megantic, Que.	61 5	13 1	5 7	52	34	2 sc.	Henry Wm. Albro, Lake Megantic, Que.
116763	[2]Wolfe Islander	Kingston	1904	Toronto, Ont.	118 6	17 7	6 8	224	98	28 pa.	The Corporation of the Township of Wolfe Island, Ont.
116452	*Wolverine*	Vancouver	1903	Vancouver, B.C.	29 3	8 4	3 5	8	5	1 sc.	Joseph E. Jack, Prince Rupert, B.C.
112295	Wolverine	Winnipeg	1903	Selkirk, Man.	126 0	24 5	7 6	278	189	17 sc.	The Northern Fish Co., Ltd., Selkirk, Man.
134101	Woodnymph	Vancouver	1912	Lund, B.C.	38 4	10 3	4 4	19	13	2 sc.	Walter Pinnock, Van Anda, B.C.
130799	*Wyrill*	Vancouver	1911	Vancouver, B.C.	48 8	11 0	4 8	23	16	2 sc.	Pacific Mills, Ltd, Vancouver, B.C.

133694	*X. K. Z.*	Victoria	1912	Pender Island, B.C.	36 9	7 4	3 2	8	4	1 sc.	Mrs. I. Durham and Thos. Hayward, Victoria, B.C.
126541	*Yachiyo*	Vancouver	1909	Steveston, B.C.	43 0	10 0	4 5	18	12	1⅜ sc.	Packers Steamship Co., Ltd., Vancouver, B.C.
134167	*Yafco*	Yarmouth	1915	Shelburne, N.S.	65 0	17 0	6 0	34	31	2 sc.	Yarmouth Fishing Co., Ltd., Yarmouth, N.S.
126618	*Yakthlik*	Prince Rupert	1911	Metlakatla, B.C.	30 6	8 6	4 0	9	6	½ sc.	John D. Leighton, M.O., Metlakatla, B.C.
116402	Yale	Victoria	1903	Nakusp, B.C.	75 0	13 6	5 1	36	25	17 sc.	Forest Mills of British Columbia, Ltd., Revelstoke, B.C.
122521	*Yamato*	Vancouver	1907	Steveston, B.C.	42 0	10 8	4 1	16	11	1⅜ sc.	Naokichi Hamaguchi, Steveston, B.C.
133974	*Yandgi*	New Westminster	1912	Steveston, B.C.	37 0	9 8	4 0	12	8	2 sc.	Sankichi Tanaka, Steveston, B.C.
138739	*Yandgi No. II*	New Westminster	1918	Steveston, B.C.	35 3	8 8	3 7	10	7	2 sc.	Sankichi Tanaka, Steveston, B.C.
130496	*Yankee Boy*	New Westminster	1910	Taeoma, Wash., U.S.A.	42 0	12 8	5 9	18	13	1½ sc.	Western Packers Ltd, Vancouver, B.C.
93373	Yarmouth⊙	Yarmouth	1887	Dumbarton, G.B.	220 3	35 2	21 0	1,452	725	260 sc.	North American Steamship Corporation, Ltd , Halifax, N.S.
122545	*Yeba*	Vancouver	1907	Steveston, B.C.	33 4	9 0	3 0	9	6	1 sc.	Mototoshi Suwa, Vancouver, B.C.
112193	Yeldah	Chatham, Ont.	1901 1905	Chatham, Ont.	63 0	17 3	4 0	42	26	2 pa.	Joseph Hadley, Chatham, Ont.
107258	Yellow Kid	New Westminster	1908	Linderman, B.C.	29 0	7 0	4 0	3	2	1 sc.	F. Porter Worsnop, Lake Linderman, B.C.
126467	[3]Yennek	Kingston	1896	Clayton, N.Y., U.S.A.	57 8	12 6	3 8	39	27	3 sc.	Daniel J. Kenney, Gananoque, Ont.
137985	*Yennek 2nd*	Kingston	1918	Kingston, Ont.	57 6	18 6	5 2	92	74	3 sc.	Daniel J. Kenney, Gananoque, Ont.
133722	*Yeomalt*	Vancouver	1909	Seattle, Wash., U.S.A.	48 0	13 3	2 9	16	11	2 sc.	John W. McIntosh, New Westminster, B.C.
107452	*Ymir*	Vancouver	1898	Nelson, B.C.	85 7	16 8	6 5	90	61	27 sc.	Canadian Pacific Railway Co., Montreal, Que.
111979	York	Vancouver	1901	Toronto Ont.	88 0	16 2	4 9	134	91	13 sc.	Canadian Pacific Railway Co., Montreal, Que.
134309	*Yosda*	New Westminster	1913	Steveston, B.C.	36 0	9 8	4 3	12	8	1 sc.	Western Salmon Packing Co., Ltd., Vancouver, B.C.
126634	*Yoshino*	Vancouver	1909	Steveston, B.C.	30 0	7 7	3 5	6	4	1½ sc.	Charlie Elliott, Kincolith, B.C.
137939	*Yotsuyama*	Vancouver	1914	Terra Nova, B.C.	38 0	9 0	3 8	10	7	1 sc.	Takeo Koyanagi, Terra Nova, B.C.
112050	You and I	St. Catharines	1902	Port Maitland, Ont.	52 0	14 2	5 6	25	17	20 sc.	John McKeown, Port Maitland, Ont.
140923	Ypres⊙	Ottawa	1917	Toronto, Ont.	130 0	23 5	13 5	320	204	59 sc.	The Minister of the Naval Service, Ottawa, Ont.
134064	*Yrrebeinna*	Vancouver	1913	Vancouver, B.C.	44 3	9 5	3 7	18	12	1 sc.	Alfred W. LePage, Vancouver, B.C.
126748	*Ysidoro*	Vancouver	1910	Vancouver, B.C.	39 0	8 9	5 0	12	8	1⅜ sc.	F. L. Hutchins, Vancouver, B.C.
130453	*Yucalta*	Vancouver	1910	Vancouver, B.C.	36 4	8 8	3 7	11	7	1⅜ sc.	D. J. O'Brien Logging, Co., Ltd., Vancouver, B.C.
138710	*Yuki*	Vancouver	1918	Vancouver, B.C.	41 2	10 0	4 3	13	9	1⅜ sc.	Usaburo Nishikawa, Vancouver, B.C.
107098	Yukoner	Victoria	1898	St. Michaels, Alaska, U.S.A.	170 8	32 0	5 7	781	492	17 pa.	British Yukon Navigation Co., Ltd., Vancouver, B.C.
134435	*Yumihama*	Vancouver	1913	Terra Nova, B.C.	47 0	9 7	4 2	12	8	1 sc.	Kumazo Nagata, Eburne, B.C.
121744	*Yuno*	Vancouver			26 0	10 4	3 6	7	5	⅔ sc.	Francis E. Binnington, Vancouver, B.C.
134642	*Yusella*	Victoria	1913	Nanaimo, B.C.	37 2	8 5	3 5	9	6	1 sc.	Frederiek R. and Wm. J. Jancowski, Nanaimo, B.C., J.O.
122226	Yvon	Montreal	1906	Sorel, Que.	58 0	17 5	8 4	51	26	10 sc.	The Sincennes-McNaughton Line, Ltd., Montreal, Que.
133828	*Zaffiro*	Montreal	1912	Montreal, Que.	63 2	12 5	7 0	34	23	2 sc.	Arthur C. Hardy, Brockville, Ont.
88150	Zaidee	Sydney, N.S.	1884	Dartmouth, N.S.	49 3	11 8	4 4	19	13	12 sc.	J. G. H. Purves, North Sydney, N.S.
100625	Zara	Port Dover	1903 1913	Port Rowan, Ont. New Liskeard, Ont.	63 4	13 6	4 2	38	24	2 sc.	Wm. V. Reynolds, Toronto, Ont., and Mrs. M. Hendry, New Liskeard, Ont., J.O.
107830	Zealandian	Victoria	1900	Lake Bennett, B.C.	102 0	23 0	5 0	180	141	7 pa.	British Yukon Navigation Co., Ltd., Vancouver, B.C.
140917	*Zeballos*	Vancouver	1918	Vancouver, B.C.	48 5	13 6	5 9	28	10	2⅔ sc.	Adolph Pederson, Vancouver, B.C.
134186	[1]Zella B.	St. John, N.B.	1863	Philadelphia, U.S.A.	56 7	14 0	6 7	47	32	8 sc.	Luther B. Smith and Jno. D. Mitchell, St. John, N.B.
107880	Zelma	Lindsay	1900	Lindsay, Ont.	22 0	5 2	2 6	1	1	4 sc.	Reuben L. Morgan, Lindsay, Ont.
130813	*Zelma T. Young*	Lunenburg	1912	Little Tancook, N.S.	43 6	10 8	6 9	16	15	⅜ sc.	Bernard B. Lilly, Curling, Nfld.
92616	Zena	Port Arthur	1886	Fort William, Ont.	27 9	8 6	2 8	4	4	3 sc.	James Whalen, Port Arthur, Ont.
126455	Zephir P.	Sorel	1910	Sorel, Que.	93 0	22 3	7 0	237	119	21 sc.	Joseph O. Pouliot, Sorel, Que.
88524	Zephyr	Hamilton	1886	Hamilton, Ont.	27 0	6 0	3 0	3	2	8 sc.	C. A. Bogert, Toronto, Ont.
130530	*Zingari*	Montreal	1906	Montreal, Que.	31 7	6 8	2 0	3	2	⅔ sc.	Edward A. Whitehead, Montreal, Que.
130551	[2]*Zorra*	Vancouver		U.S.A.	39 9	10 8	3 5	15	10	2⅔ sc.	Atlin Fisheries, Ltd., Vancouver, B.C.
112220	Zuleika	St John, N.B.	1893	Gloucester, Mass., U.S.A.	48 4	9 0	4 6	16	11	4 sc.	Avon Coal Co., Ltd., Queens Co., N. B.

[1] Formerly "Calumet." [2] Formerly "Tom Faweett." [3] Foreign name "Columbia." [4] Foreign name "Ellen." [5] Foreign name "Taku." [9] Formerly "Iroquois." [10] Formerly "J. K. Secor."

SAILING VESSELS

VOILIERS

PART II—PARTIE II

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrit dans les registres Maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant;

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built.—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
116995	A	Ottawa	Barge—Chd	1903	Barry's Bay, Ont.	50 0	12 0	4 0	16	Canada Corundum Co., Ltd., Toronto, Ont.
111602	A. B. C. 5	New Westminster	Barge—Chd	1900	Steveston, B.C.	50 0	14 0	3 0	17	Anglo-British Columbia Packing Co., Ltd., Vancouver, B.C.
111606	A. B. C. 6	New Westminster	Barge—Chd	1900	New Westminster, B.C.	45 0	14 0	3 0	15	Anglo-British Columbia Packing Co., Ltd., Vancouver, B.C.
111603	A. B. C. 25	New Westminster	Barge—Chd	1900	Steveston, B.C.	50 0	14 0	3 0	17	Anglo-British Columbia Packing Co., Ltd., Vancouver, B.C.
107921	A. C. C. No. 3	New Westminster	Barge—Chd	1897	New Westminster, B.C.	68 0	21 0	5 0	150	Automatic Can Co., Ltd., New Westminster, B.C.
107406	A. D	Montreal	Sloop	1899	St. Thomas de Pierreville, Que.	147 0	30 1	13 4	462	George Hall Coal Company of Canada, Ltd., Montreal, Que.
134615	A. G. T. No. 1	Sault Ste. Marie	Scow—Chd	1913	Sault Ste. Marie, Ont.	55 6	18 0	4 0	40	Allan G. Tweedie, Sault Ste. Marie, Ont.
126848	A. L	Quebec	Schr—Glt	1909	Petite Rivière St. Francois, Que.	71 5	21 0	5 4	48	Mastai Simard, Petite Rivière, St. Francois, Que.
133827	A. L. No. 1	Montreal	Sloop	1913	Pierreville, Que.	108 5	23 2	8 0	157	Marcil Daneau, Pierreville, Que.
107457	A. M. 1	Vancouver	Scow—Chd	1891	Vancouver, B.C.	72 0	23 9	6 2	90	Alex. Morrison, Vancouver, B.C.
133739	A. M. 4	Vancouver	Scow—Chd	1902	Vancouver, B.C.	70 0	30 0	7 5	152	William W. White, Vancouver, B.C.
121719	A. M. 5	Vancouver	Scow—Chd	1902	Vancouver, B.C.	78 3	30 3	7 5	105	Armstrong, Morrison & Co., Ltd., Vancouver, B.C.
117014	A. M. 6	Vancouver	Scow—Chd	1902	Vancouver, B.C.	79 0	30 0	7 5	160	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
126633	A. M. 7	Vancouver	Scow—Chd	1900	Vancouver, B.C.	72 0	28 0	7 0	135	Robert Armstrong, Vancouver, B.C.
134065	A. M. VIII	Vancouver	Scow—Chd	1913	Vancouver, B.C.	60 8	29 9	7 7	121	H. B. Babington, Prince Rupert, B.C.
134066	A. M. IX	Vancouver	Scow—Chd	1913	Vancouver, B.C.	64 4	29 9	7 7	133	Armstrong, Morrison & Co., Ltd., Vancouver, B.C.
133711	A. M. 10	Vancouver	Scow—Chd	1909	Vancouver, B.C.	77 2	32 0	7 6	179	William W. White, Vancouver, B.C.
134067	A. M. XII	Vancouver	Scow—Chd	1913	Vancouver, B.C.	59 5	30 0	6 6	103	Armstrong, Morrison & Co., Ltd., Vancouver, B.C.
134068	A. M. XIV	Vancouver	Scow—Chd	1913	Vancouver, B.C.	72 4	30 0	6 6	131	Granby Consolidated Mining Smelting & Power Co., Ltd.
138533	A. M. XVIII	Vancouver	Scow—Chd	1915	Vancouver, B.C.	66 3	24 0	4 1	56	Armstrong, Morrison & Co., Ltd., Vancouver, B.C.
133886	A. M. G. No. 1	Vancouver	Scow—Chd	1913	North Vancouver, B.C.	81 0	30 9	8 2	193	Evans, Coleman & Evans Ltd., Vancouver, B.C.
134500	A. N. E	Quebec	Schr—Glt	1915	Baie St. Paul, Que.	71 3	23 4	7 5	69	Néré Mailloux, *et al.*, J. O., Baie St. Paul, Que.
141192	A. T. I. No. 1	Vancouver	Scow—Chd	1911	Vancouver, B.C.	80 6	26 2	6 5	115	Mrs. Wm. H. Hinds, Vancouver, B.C.
111867	A. A. Buell	Ottawa	Barge—Chd	1902	Hull, Que.	108 5	22 6	8 0	146	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
100881	A. C. Bartlett	St. John, N.B.	Schr—Glt	1892	Oromocto, N.B.	45 7	14 3	5 1	20	William Bryson, Oromocto, N.B.
94632	A. C. Greenwood	Shelburne	Schr—Glt	1888	Sand Point, N.S.	41 0	13 7	6 0	15	John Beaver, Spry Bay, N.S.
85409	[1]A. C. Newhall	Magdalen Islands	Schr—Glt	1858	U. S. A.	63 6	18 3	6 3	32	Eastern Canada Fisheries, Ltd., Montreal, Que.
103438	A. D. Smith	Ottawa	Barge—Chd	1895	Barry's Bay, Ont.	32 3	11 3	3 6	14	D. Johnston, Combermere, Ont.

138241	A. H. Whitman	Lunenburg	Schr—Glt	1916	Mahone Bay, N.S.	97	6	25	0	10	0	94	William Duff, *et al.*, Lunenburg, N.S.
131059	[2]A. I. Perry	Port Arthur	Barge—Chd	1904	Duluth, Minn., U.S.A.	109	0	26	0	7	5	178	The Superior Sand & Towing Co., Ltd., Fort William, Ont.
134146	A. Bibeau	Montreal	Sloop	1913	Pierreville, Que.	107	2	23	2	7	4	131	Adelard Bibeau, Notre Dame de Pierreville, Que.
130596	A. Hubley	Halifax	Schr—Glt	1912	Shelburne, N.S.	91	3	20	5	9	1	69	Ainsley Hubley, *et al.*, St. Margarets Bay, N.S.
130934	A. Lafleur	Montreal	Sloop	1912	Yamaska, Que.	102	4	23	1	6	4	106	Amable Lafleur, Notre Dame de Pierreville, Que.
126688	A. Miellette	Montreal	Sloop	1907	St. Anne de Sorel, Que.	89	3	22	6	6	5	79	A. Desrochers, Sorel, Que.
72714	A. Muir	Toronto	Schr—Glt	1874	Port Dalhousie, Ont.	138	4	23	9	11	4	330	Point Anne Quarries, Ltd., Toronto, Ont.
122258	A. Renaud	Quebec	Schr—Glt	1907	La Petite Rivière St. François Xavier, Que.	68	5	23	0	8	6	83	Edmond Grenon and Edmond Dallaire, Grand Baie, Que.
126682	A. Yergeau	Montreal	Sloop	1908	Notre Dame de Pierreville, Que.	108	0	23	2	7	5	132	Calixte Daneau, Nortre Dame de Pierreville, Que.
138200	Abamama	Liverpool	Schr—Glt	1918	Liverpool, N.S.	133	6	32	6	12	2	337	Yu Wing (Ah You), Sydney, Australia, N.S.W.
121808	Abbie	Barrington Passage	Sloop	1904	Clyde, N.S.	31	0	11	4	6	0	10	C. D. Atkerson, Cape Island, N.S.
107798	Abbie Keast	St. John, N.B.	Schr—Glt	1899	Cambridge, N.B.	83	0	27	0	7	3	96	E. A. Vaughan, *et al.*, Parrsboro, N.S.
122637	Abbie L. Andrews	Kingston	Schr—Glt	1873	Toledo, Ohio, U.S.A.	138	7	26	1	11	1	287	James Oliver, Kingston, Ont.
121802	Abbie May	Barrington Passage	Sloop	1904	Shelburne, N.S.	30	0	10	6	6	0	10	Charles E. Rapp, McNutt's Island, N.S.
107070	Abbie Verna	St. John, N.B.	Schr—Glt	1898	Waterborough, N.B.	69	5	24	3	6	4	66	Norie M. Ogilvie, Parrsboro', N.S.
92603	Abby Jane	Sydney, N.S.	Schr—Glt	1899	Aspy Bay, N.S.	45	5	15	6	6	1	19	John Fitzgerald, Aspy Bay, N.S
103066	[3]Abel A	Yarmouth	Schr—Glt	1895	Pubnico, N.S.	49	8	17	0	6	5	23	Edgar B. Ehrgott, Yarmouth, N.S.
130658	[4]Abutilon	Chatham, N.B.	Schr—Glt	1912	Caraquet, N.B.	37	5	14	4	6	0	19	Joseph La Croix, Caraquet, N.B.
126464	[5]Acacia	Kingston	Schr—Glt	1873	Smith's Falls, Ont.	102	3	24	2	9	6	153	William G. Woodman, Wolfe Island, Ont.
83313	Acacia	Port Medway	Bgtn—Bkglt	1884	Port Medway, N.S.	98	4	25	6	10	1	186	B. H. Hammett, Boston, Mass., U.S.A.
112126	Acadia	Lunenburg	Schr—Glt	1903	Lunenburg, N.S.	90	4	24	3	9	3	91	Michael Basha, Curling, Nfld.
72942	Acadia	Montreal	Barge—Chd	1875	Quebec, Que.	150	0	26	5	11	5	375	Patrick Doyle, Montreal, Que.
103834	Active	Quebec	Schr—Glt	1896	St. John, I. Orleans, Que.	38	8	12	6	4	7	13	Zepherin Asselin, St. Famille, Que.
59256	Ada	Chatham, N.B.	Schr—Glt	1866 1890	Cambridge, N.B.	73	2	24	9	6	7	72	The W. J. Poupore Co., Ltd., Montreal, Que.
92748	Ada	Sackville	Schr—Glt	1896	Port Elgin, N.B.	72	0	24	2	8	9	78	S. Trenholm, Pictou Landing, N.S.
92517	Ada	St. Andrews	Schr—Glt	1888	Campobello, N.B.	26	0	11	0	5	0	10	Mrs. E. L. Matthews, Leonardville, N.B.
138593	Ada A. McIntyre	St. John, N.B.	Schr—Glt	1918	Moss Glen, N.B.	147	9	35	1	12	7	423	Peter McIntyre, St. John, N.B.
88381	Ada L.	Windsor, N.S.	Schr—Glt	1884	Walton, N.S.	46	4	16	5	6	9	31	David C. Hunter, Walton, N.S.
130739	Ada M. Westhaver	Lunenburg	Schr—Glt	1911	Mahone Bay, N.S.	114	3	26	0	10	2	100	David Westhaver, M.O., Lunenburg, N.S.
116900	Ada & Pearl	Yarmouth	Sloop	1904	Arcadia, N.S.	34	0	12	0	6	2	13	J. T. Duncan, Clarke's Harbour, N.S.
133895	Ada Tower	Parrsboro	Schr—Glt	1916	Port Greville, N.S.	175	5	36	4	12	9	528	Kelwood Shipping Corporation, Halifax, N.S.
138472	Adam B. Mackay	Parrsboro	Schr—Glt	1917	Port Greville, N.S.	147	4	35	1	12	1	394	A. B. Mackay Steamship Co., Ltd., Hamilton, Ont.
126812	Adana C.	Halifax	Schr—Glt	1910	Tancook, N.S.	45	0	11	2	7	0	17	Harold W. Durning, Five Islands, N.S.
107476	Addie B.	Digby	Sloop	1900	Westport, N.S.	36	0	13	3	6	0	13	Lewis Connors, Black's Harbour, N.B.
103124	Addie B.	St. Andrews	Sloop	1893	Westport, N.S.	29	0	11	0	5	9	13	John Mulholland, Campobello, N.B.
121932	Addie M.	Halifax	Schr—Glt	1905	West Dover, N.S.	39	2	11	3	5	0	11	Isaac Morash, West Dover, N.S.
116803	Adel	Sorel	Barge—Chd	1905	Sorel, Que.	73	5	18	6	4	4	43	J. L. B. Leclaire, Sorel, Que.
72099	Adelina	Chatham, N.B.	Schr—Glt	1876	Shippigan, N.B.	35	0	11	2	4	6	12	Patrick D. Blanchard, Caraquet, N.B.
103009	Adeline Gladys	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	35	5	12	6	5	0	12	John Young, Tracadie, N.B.
100350	Adella	Maitland	Schr—Glt	1893	Minasville, N.S.	63	8	20	3	8	1	59	S. C. Murray, Albert, N.S.
103370	Adjutor	Quebec	Sloop	1895	Trois Saumons, Que.	60	6	20	5	5	4	41	C. Methot, Trois Saumons, Que.
116965	Admiral Togo	St. Andrews	Sloop	1905	Grand Manan, N.B.	27	8	12	0	5	9	12	William and Walter Benson, Grand Manan, N.B.
121876	Adoriam	Yarmouth	Sloop	1906	Plymouth, N.S.	36	0	12	0	7	0	15	O. D. VanAmburg, Pubnico, N.S.
80869	Adrienne	Pictou, N.S.	Schr—Glt	1883	South Boston, Mass., U.S.A.	73	8	18	2	9	0	51	Edward Dicks, Charlottetown, P.E.I.
134202	Aeneas P.	Charlottetown	Schr—Glt	1914	Campbell's Cove, P.E.I.	48	0	12	4	6	0	20	Aeneas P. Campbell, Campbell's Cove, P.E.I.
111514	Æolus	St. John, N.B.	Sloop	1899	St. John, N.B.	27	6	8	1	3	2	4	Arthur C. Fairweather, Rothesay, N.B.
122132	Aerolite	Yarmouth	Sloop	1906	Cape Island, N.S.	36	0	13	0	6	6	16	Clayton W. Hynes, Glenwood, N.S.
92730	Aggie	Toronto	Sloop	1887	Oakville, Ont.	47	3	12	0	5	4	13	Christopher Armstrong, Oakville, Ont.
117168	Aggie Curry	Windsor, N.S.	Schr—Glt	1908	Harbourville, N.S.	51	0	14	6	6	2	21	Randall Merriam, Port Greville, N.S.
112036	Aglaée	Quebec	Schr—Glt	1902	Grandes Bergeronnes, Que.	54	9	16	2	5	8	37	Wm. Chamberland, St. Simeon, Que.
112376	Agnes	Arichat	Schr—Glt	1902	Scatterie Island N.S.	39	5	10	7	6	1	15	James D. Dickson, Main-à-Dieu, N.S.
138552	Agnes D. McGlashen	Lunenburg	Schr—Glt	1917	Mahone Bay, N.S.	115	8	26	5	10	5	116	William Duff, M. O., Lunenburg, N.S.

[1]Formerly a steamer. [2]Foreign name "Hugo." [3]Formerly "Eddie J." [4]Formerly "Stevenson." [5]A recovered wreck.

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant;

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant et adresse.
121700	Agnes E.	Yarmouth	Sloop	1904	Cape Island, N.S.	31 0	11 8	6 0	10	Frank F. Hawes, Canso, N.S.
78046	Agnes Hudson	Richibucto	Schr—Glt	1880	Richibucto, N.B.	34 8	12 6	4 2	9	R. T. Holman, Summerside, P. E.I.
116898	Agnes M.	Yarmouth	Sloop	1905	Tusket Wedge, N.S.	37 0	11 6	6 0	11	Geo. Doucette, Tusket, N.S.
126808	Agnes Pauline	Yarmouth	Schr—Glt	1911	Shelburne, N.S.	74 0	22 0	9 0	71	Henry C. Outerbridge, Hamilton, Bermuda.
138229	Agnes Wilson	Montreal	Barge—Chd	1916	Charlemagne, Que.	126 0	27 3	7 8	225	St. Maurice Paper Co., Ltd., Montreal, Que.
111641	Aguadilla	Lunenburg	Schr—Glt	1901	Lunenburg, N.S.	94 6	24 9	9 8	100	Chas. E. Bennett, Fortune, Nfld.
130591	Aileen Gladys	Halifax	Schr—Glt	1912	Ship Harbour, N.S.	45 0	13 0	6 0	16	M. McKinnon and C. Miller, Glace Bay, N.S.
72817	Ainoko	Victoria	Schr—Glt	1891	Yokohama, Japan	75 5	21 8	7 7	75	Victoria Sealing Co., Ltd., Victoria, B.C.
130243	Ainslie	LaHave	Schr—Glt	1911	Liverpool, N.S.	112 4	26 9	10 0	148	W. Norman Reinhardt, M.O., La Have, N.S.
130597	Ajax II	Halifax	Dredge—Drague	1907	Halifax, N.S.	55 0	20 6	6 0	98	The Nova Scotia Dredging Co., Ltd., Halifax, N.S.
111528	Alart	Digby	Sloop	1901	Cape St. Mary's, N.S.	35 0	11 0	4 2	11	Stephen A. Doucette, *et al.*, Cape St. Mary's, N.S.
117096	Alaska	Charlottetown	Schr—Glt	1906	Sampsonville, N.S.	34 5	11 3	4 9	10	John McLean, Souris, P.E.I.
85974	Alba	St. John, N.B.	Schr—Glt	1882	Waterborough, N.B.	83 4	27 0	7 2	92	Robert Newcomb, Parrsboro', N.S.
122302	Albata	Lunenburg	Schr—Glt	1907	Lunenburg, N.S.	46 8	13 5	6 8	20	James H. Westhaver, Sheet Harbour, N.S.
103081	Albatross	Chatham, N.B.	Schr—Glt	1894	Shippigan, N.B.	35 3	12 3	5 1	13	T. Ahier, Shippigan, N.B.
100846	Albatross	Lunenburg	Schr—Glt	1894	Mahone, Bay, N.S.	41 4	15 7	6 4	26	J. Arsenault, Little Bras d'Or, N.S., and John Pym, North Sydney, N.S.
92371	Albatross	St. John, N.B.	Schr—Glt	1881	Greenwich N.B.	60 3	19 2	5 2	45	F. E. Walton, Greenwich, N.B.
126152	Alberic A.	Sorel	Sloop	1909	Notre Dame de Pierreville, Que.	110 0	23 3	7 4	124	Gedeon Beaudet, St. Jean des Chaillons, Que.
121818	Albert J. Lutz	Halifax	Schr—Glt	1908	Shelburne, N.S.	90 0	23 0	9 8	95	John T. Moulton, Burgeo, Nfld.
112156	Albert W.	Chatham, N.B.	Schr—Glt	1902	Miscou Head, N.B.	33 6	12 9	4 9	10	W. S. Loggie Co., Ltd., Chatham, N.B.
107381	Alberta	Ottawa	Scow—Chd	1898	Ottawa, Ont.	40 5	12 2	2 0	6	Jas. Cunningham Wright, Hull, Que.
138282	Albina	Chatham, N.B.	Schr—Glt	1916	Lamek, N.B.	41 0	14 0	5 8	20	Leandre Chiasson, Island River, Shippigan, N.B.
94625	Albion	Ottawa	Barge—Chd	1888	Rockland, Ont.	110 0	22 8	7 3	149	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
112266	Albya	Montreal	Sloop	1902	Pierreville, Que.	162 3	23 0	7 2	123	Amable Lafleur, Notre Dame de Pierreville, Que.
103968	Alcide	Montreal	Sloop	1897	Pierreville, Que.	82 2	19 0	5 1	65	Leopold Beauchomin, Notre Dame de Pierreville, Que.
116235	Alcyone	Digby	Schr—Glt	1904	Shelburne, N.S.	78 0	19 2	8 0	52	Howard Anderson, M. O., Digby, N.S.
112287	Alda	Digby	Schr—Glt	1902	Apple River, N.S.	27 0	10 5	6 0	11	H. B. McCormac, Short Beach, N.B.
122039	Alda E.	Weymouth	Sloop	1908	Middle West Pubnico, N.S.	31 0	14 0	6 6	10	Frank Roberts, Liverpool, G.B.
122090	Alena L. Young	Charlottetown	Schr—Glt	1878	Boothbay, Me., U.S.A.	52 0	17 0	7 0	35	L. M. Peardon, Montague, P.E.I.
90736	Alert	Port Hawkesbury	Schr—Glt	1879	Little Harbour, N.S.	31 6	12 3	4 7	11	Wm. A. Keating, Port Mulgrave, N.S.
122243	Alert	St. Andrews	Schr—Glt	1860	Georgetown, N.B.	47 5	15 8	6 9	18	David J. Spear, Penfield, N.B.
94823	Alert	Weymouth	Schr—Glt	1889	Gilbert Cove, N.S.	108 0	26 8	12 0	229	G. J. Howatson, New York, N.Y., U.S.A.
122486	Alexander McLaurin	Quebec	Barge—Chd	1907	St. Alexis, Que.	106 0	22 5	7 8	162	John C. Kaine, Quebec, Que.

112107	Alexandra	Lunenburg	Schr—Glt	1903	Lunenburg, N.S.	93 2	24 4	9 6	93	Clifford B. Travis, Sydney, N.S.
122506	Alexandra	Vancouver	Sloop	1907	Vancouver, B.C.	38 1	8 2	4 9	7	Joseph E. Bird, Vancouver, B.C.
130985	Alexisna	Chatham, N.B.	Schr—Glt	1912	Little Lamek, N.B.	37 5	14 0	6 0	17	Romain A. Noel, Little Lamek, N.B.
130956	Alfarata	Lunenburg	Schr—Glt	1912	Mahone Bay, N.S.	103 0	25 8	10 3	92	Willis Ernst, M.O., Mahone Bay, N.S.
138476	Alfred Ock Hedley	Parrsboro	Schr—Glt	1918	Fox River, N.S.	152 6	36 0	12 6	461	A. B. Mackay Steamship Co., Ltd., Hamilton, Ont.
122096	Alfreda	Yarmouth	Sloop	1905	Barrington, N.S.	30 0	11 0	6 0	11	Peter Nickerson, Cape Island, N.S.
100489	Algoma	Lunenburg	Schr—Glt	1892	Dublin Shore, N.S.	62 6	20 8	8 1	56	E. B. Nickerson, Port Clyde, N.S.
111647	Alhambra	Lunenburg	Schr—Glt	1901	Mahone Bay, N.S.	88 2	24 5	9 6	74	Parblu Sawh, Georgetown, Demerara.
138385	Alicante	Lunenburg	Schr—Glt	1917	Lunenburg, N.S.	112 2	26 3	10 4	100	Milton Romkey, M.O., LaHave, N.S.
71302	Alice	Charlottetown	Schr—Glt	1881	Rexton, N.B.	37 0	12 0	4 7	10	Alex. McArthur, Lot 14, P.E.I.
100984	Alice	Chatham, N.B.	Schr—Glt	1888	Caraquet, N.B.	35 0	12 5	4 8	11	Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B.
111843	Alice	Chatham, N.B.	Schr—Glt	1901	Shippigan, N.B.	73 2	18 4	8 8	66	Wm. Fruing & Co., Ltd., Jersey, C.I.
122057	Alice	Chatham, N.B.	Schr—Glt	1907	Shippigan Island, N.B.	37 2	13 2	11 3	15	Sévère Dugué, Shippigan, N.B.
103206	Alice	Liverpool	Schr—Glt	1896	Port Mouton, N.S.	56 5	18 7	7 6	42	Wm. Burke, Main-à-dieu, N.S.
92776	Alice	New Westminster	Sloop		Mud Bay, B.C.	32 6	10 5	3 0	9	Donald Urquhart, Vancouver, B.C.
103440	Alice	Ottawa	Barge—Chd	1890	Buckingham, Que.	68 4	14 9	3 4	30	O. M. Harris, Buckingham, Que.
100382	Alice	Sydney, N.S.	Schr—Glt		Burgeo, Nfld.	37 6	12 0	5 3	10	Wm. Hunt, Sydney, N.S.
100561	Alice	Sydney, N.S.	Schr—Glt	1892	Lunenburg, N.S.	120 7	25 8	12 9	248	Dominion Coal Co., Ltd., Montreal, Que.
107313	Alice A	Halifax	Schr—Glt	1899	Grand Desert, N.S.	42 0	13 5	5 8	16	Edward Crease, Halifax, N.S.
107992	Alice J. Davis	Canso	Schr—Glt	1899	Canso, N.S.	44 0	14 8	7 1	20	Edward Hearn, Canso, N.S.
121801	Alice M. Atwood	Yarmouth	Sloop	1904	Clarke's Harbour, N.S.	30 0	10 6	6 0	10	D. A. Atwood, Clarke's Harbour, N.S.
103808	Alice Mattatall	Pictou, N.S.	Schr—Glt	1909	Tatamagouche, N.S.	36 4	12 6	6 1	16	Hugh Mattatall, *et al.*, Tatamagouche, N.S.
103279	Alice Maud	Chatham, N.B.	Schr—Glt	1895	Caraquet, N.B.	36 0	12 0	4 4	10	Fabien Arsenault, Tignish, P.E.I.
64550	Alice Maud	St. John, N.B.	Schr—Glt	1871	St. John, N.B.	43 0	16 4	5 4	25	Wm. Langwith, Minudie, N.S.
88456	Alice May	Arichat	Schr—Glt	1888	Port Hawkesbury, N.S.	54 1	18 6	6 7	39	Arthur Buchanan, North Shore, St. Anns, N.S.
90660	[1]Alice May	Yarmouth	Schr—Glt		Vinalhaven, Me., U.S.A.	46 5	15 4	5 7	18	M. Parker, Hall's Harbour, N.S.
90719	Alice Phoebe	Charlottetown	Schr—Glt	1886	Ship Harbour, N.S.	62 0	20 5	9 4	71	Mark H. Bonnell, Murray River, P.E.I.
77725	Alice and Nellie	Halifax	Schr—Glt	1878	Freeport, N.S.	50 6	17 3	6 1	30	Craigen P. Young, *et al.*, Petpeswick, N.S.
100739	Alida A.	Windsor, N.S.	Schr—Glt	1894	Cambridge, N.S.	27 9	9 4	3 4	4	William C. Morresey, Parrsboro, N.S.
130332	Alika P.	Chatham, N.B.	Schr—Glt	1910	Lamek, N.B.	36 0	12 0	5 0	15	Zoel G. J. Paulin, Lamek, N.B.
100857	Alix	Quebec	Schr—Glt	1893	Montmagny, Que.	32 8	12 8	5 6	13	J. A. Martin, Rimouski, Que.
126165	Allans No. 1	Montreal	Barge—Chd	1908	Montreal, Que.	139 0	32 9	9 2	250	The Allan Line Steamship Co., Ltd., Glasgow, G.B.
126166	Allans No. 2	Montreal	Barge—Chd	1908	Montreal, Que.	159 6	30 7	8 9	279	The Allan Line Steamship Co., Ltd., Glasgow, G.B.
126167	Allans No. 3	Montreal	Barge—Chd	1908	Montreal, Que.	121 0	30 7	7 6	170	The Harbour Commissioners of Montreal, Montreal, Que.
126168	Allans No. 4	Montreal	Barge—Chd	1908	Montreal, Que.	100 5	30 6	9 0	152	The Allan Line Steamship Co., Ltd., Glasgow, G.B.
126170	Allans No. 6	Montreal	Barge—Chd,	1908	Montreal, Que.	117 8	29 1	7 9	172	The Atlas Sand Co., Ltd., Montreal, Que.
36176	Alliance	Liverpool	Schr—Glt	1858	Petite Rivière, N.S.	56 2	17 9	7 5	40	C. H. Innes, Liverpool, N.S.
112391	Allumette	Ottawa	Scow—Chd	1902	Ottawa, Ont.	52 4	13 5	2 4	27	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
130483	[2]Alluvia	New Westminster	Barge—Chd	1911	New Westminster, B.C.	100 0	23 3	5 0	263	Coast Steamship Co., Ltd., Vancouver, B.C.
103769	Alma	Chatham, N.B.	Schr—Glt	1894	Caraquet, N.B.	34 5	12 0	4 4	11	John B. Sirois, Caraquet, N.B.
112162	Alma	Chatham, N.B.	Schr—Glt	1903	Lamek, N.B.	38 0	13 0	5 6	12	Agapit Duguay, Lamek, N.B.
107221	Alma	Quebec	Sloop	1897	St. Siméon, Que.	34 4	13 0	4 2	11	Henri Simard, St. Andre de Kamouraska, Que.
107550	Alma	St. John, N.B.	Schr—Glt	1898	Cambridge, N.B.	73 0	24 7	6 5	70	Joseph N. Pugsley, Parrsboro', N.S.
107357	Alma	Sydney, N.S.	Schr—Glt	1898	Aspy Bay, N.S.	52 9	18 1	5 5	34	G. Burton, Aspy Bay, N.S.
103867	Alma H.	Quebec	Schr—Glt	1898	Ship Harbour, N.S.	53 8	16 4	6 8	32	Isaac St. Pierre, Rimouski, Que.
85404	Alma L. Gertie	Charlottetown	Schr—Glt	1906	Grindstone, M.I., Que.	63 3	18 9	7 6	43	Wm. T. Weir, Stanley Bridge, P.E.I.
74206	Almanda	Quebec	Schr—Glt	1876	Cap St. Ignace, Que.	60 5	19 0	6 6	41	J. Bouchard, Malbaie, Que.
134264	Aloha	Midland	Schr—Glt	1888	Mount Clements, Mich., U.S.A.	171 2	32 0	12 0	517	Donnelly Salvage & Wrecking Co., Ltd., Kingston, Ont.
141014	Alpena	Vancouver	Scow—Chd	1915	Bellingham, Wash., U.S.A.	44 9	13 1	4 2	19	Nimpkish Timber Co., Ltd., Vancouver, B.C.
88598	[3]Alph. B. Parker	Digby	Schr—Glt	1885 1906	Tusket Wedge, N.S. Belliveau Cove, N.S.	67 0	19 1	6 7	45	Samuel Bowdridge, Murray Harbour, P.E.I.
134093	Alsek	Vancouver	Barge—Chd	1913	White Horse, Y.T.	89 0	28 2	3 0	222	The British Yukon Navigation Co., Ltd., Vancouver, B.C.

[2]Foreign name "P. & B. Crowell." [3]Recovered wreck. [1]Formerly a steamer.

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918.

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122149	Alva	Barrington Passage	Sloop	1907	Clyde, N.S.	31 0	11 0	6 3	11	Albert H. Kenney, Barrington Passage, N.S.
94842	Alzora	Windsor, Ont.	Scow—Chd.	1890	Belle River, Ont.	65 0	18 0	3 8	43	Louis Thibert, Belle River, Ont.
116217	Amable	Quebec	Sloop	1901	Montmagny, Que.	53 6	20 8	5 0	33	Amable Fournier, Montmagny, Que.
92374	Amanda S.	St. John, N.B.	Schr—Glt.	1887	Rexton, N.B.	54 3	17 9	4 8	24	W. C. Derry, Dover, N.B.
126145	Amarine	Montreal	Sloop	1908	Sorel, Que.	106 6	23 2	7 2	131	Emile Charland, Montreal, Que.
112101	Ambition	Lunenburg	Schr—Glt.	1902	La Have, N.S.	95 8	26 0	10 2	100	John Burton, Fortune, Nfld.
107311	America	Halifax	Schr—Glt.	1898	Shelburne, N.S.	75 0	20 5	9 4	57	James Hanrahan, *et al.*, Ferguson's Cove, N.S.
107807	America	St. John, N.B.	Sloop	1896	Grand Manan, N.B.	40 6	13 7	5 4	16	Freeman Robichau, Meteghan, N.S.
94892	Americo	New Westminster	Schr—Glt.	1887	Nanaimo, B.C.	48 0	14 3	3 3	32	Bernard Buck, Vancouver, B.C.
126638	[2]Amorita	Vancouver	Sloop	1906	Seattle, Wash., U.S.A.	31 0	10 3	4 3	8	Wm. A. Templeton, Vancouver, B.C.
59372	Amos M. Holt	Digby	Schr—Glt.	1876	St. Patrick, N.B.	53 0	19 3	6 0	33	David R. Graves, Granville, N.S.
130936	Angus W. Robertson	Montreal	Scow—Chd.	1912	Montreal, Que.	110 1	28 1	7 9	199	Quinlan & Robertson, Ltd., Montreal, Que.
134213	Amy Turner	Prince Rupert	Bk—Bq	1877	Boston, Mass., U.S.A.	174 0	35 4	21 6	901	Amy Turner Shipping Co., Ltd., Victoria, B.C.
138283	Angelin	Chatham, N.B.	Schr—Glt.	1916	Tignish, P.E.I.	41 5	13 8	5 5	17	John G. Perry, Tignish, P.E.I.
103071	Anglesea	Chatham, N.B.	Schr—Glt.	1893	Caraquet, N.B.	36 2	13 4	5 1	12	H. LeBoutillier, Caraquet, N.B.
107705	Anglo-Saxon	Toronto	House boat	1898	Penetanguishene, Ont.	58 0	22 0	3 0	180	David Davidson, Penetanguisho, Ont.
85482	Angola	Liverpool	Schr—Glt.	1883	Jordan River, N.S.	82 4	22 2	8 7	91	Charles Brister, Halifax, N.S.
116522	Anita	Lunenburg	Schr—Glt.	1905	Lunenburg, N.S.	48 6	13 5	6 1	16	Wm. Cleversey, Pleasantville, N.S.
107803	Anita	St. John, N.B.	Sloop	1896	St. Andrews, N.B.	32 6	12 0	5 0	10	Isaac Treecartin, Grand Manan, N.B.
122093	Anita	Yarmouth	Sloop	1905	Surette's Island, N.S.	30 0	11 0	6 0	11	Augustin Bourque, Tusket, N.S.
92419	Anna	Chatham, N.B.	Schr—Glt.	1889	Shippigan, N.B.	34 7	12 2	5 0	12	Dositthé Chiasson, Shippigan, N.B.
103073	Anna	Chatham, N.B.	Schr—Glt.	1892	Shippigan, N.B.	35 2	12 8	5 0	11	Luke Friolet, Caraquet, N.B.
117028	Anna F.	Sydney, N.S.	Sloop	1905	Ingonish, N.S.	37 0	12 4	6 3	14	J. Brewer and J. Hawley, Ingonish, N.S.
134592	Anna Jane	Paspebiac	Schr—Glt.	1915	Port Daniel, P.Q.	32 0	12 1	3 0	9	Robert Asstles, Port Daniel West, Que.
80093	Anna K.	St. John, N.B.	Schr—Glt.	1881	Greenwich, N.B.	40 4	13 3	5 8	14	George H. Gibson, Margaretsville, N.S.
103453	Anna Maud	Arichat	Schr—Glt.	1892	Georgetown, P.E.I.	34 2	13 7	4 6	10	R. H. Munroe, Whitehaven, N.S.
112146	Annandale	Kingston	House boat	1903	Rockport, Ont.	62 6	22 2	1 2	76	The Rideau House Boat Association, Ltd., Kingston, Ont.
92759	Annette	Quebec	Schr—Glt.	1889	Anse St. Jean, Que.	42 0	15 0	6 4	21	M. Blais, jr., Rivière Romaine, Labrador.
57260	Annie	Arichat	Schr—Glt.	1867	La Have, N.S.	70 0	22 0	8 8	68	Edward J. LeBlanc, West Arichat, N.S.
75888	Annie	Charlottetown	Schr—Glt.	1880	Pictou, N.S.	43 3	16 4	5 6	22	J. B. Sundby, Port Elgin, N.B.
72081	Annie	Chatham, N.B.	Schr—Glt.	1875	Richibucto, N.B.	41 3	13 8	4 7	13	John P. Brennan, Alberton, P.E.I.
94897	Annie	Victoria	Sloop	1889	Vancouver, B.C.	31 0	10 0	5 0	9	The Simon Produce Co., Ltd., Victoria, B.C.
83030	Annie	Windsor, Ont.	Barge—Chd.	1883	Dresden, Ont.	96 0	24 0	4 7	70	The Canadian Salt Co., Windsor, Ont.
103061	Annie	Yarmouth	Schr—Glt.	1895	Salmon River, N.S.	77 6	25 0	6 5	71	Ben. Gullison, Salmon River, N.S.
111422	Annie B.	Halifax	Schr—Glt.	1901	Port Felix, N.S.	49 2	16 4	7 7	26	Benjamin Boudrot, Port Felix, N.S.

111879	Annie B.	Yarmouth	Sloop	1902	Pubnico, N.S.	41 0	14 9	6 6	20	E. B. Nickerson, Yarmouth, N.S.
138474	Annie B. Anderson	Parrsboro	Schr—Glt	1917	Parrsboro, N.S.	154 4	35 4	13 0	466	The "Annie B. Anderson" Co., Ltd., Sherbrooke, N.S.
116344	Annie B. M.	Arichat	Schr—Glt	1903	L'Ardoise, N.S.	44 6	13 3	6 0	18	Alex Keating, Canso, N.S.
103830	Annie Bennett	Paspebiac	Schr—Glt	1914	Black Cape, Que.	39 0	13 6	5 6	15	Michael Bennett and Mrs. Annie J. Bennet, Black Cape, Que.
80627	Annie D.	Shelburne	Schr—Glt	1881	Pubnico, N.S.	72 8	23 0	7 9	71	Lorenzo Porrier, West Arichat, N.S.
138393	Annie E. Conrad	Lunenburg	Schr—Glt	1917	Dayspring, N.S.	103 4	24 2	10 2	99	Joseph Conrad, M.O., LaHave, N.S.
100389	Annie F.	Sydney, N.S.	Schr—Glt	1895	Main-a-Dieu, N.S.	37 4	13 0	5 2	13	John Farrell, Main-à-Dieu, N.S.
75827	Annie G.	Halifax	Schr—Glt	1878	Indian Harbour, N.S.	58 8	18 5	8 0	38	J. Rogers, Fortune, Nfld.
126380	Annie Hilton	Halifax	Schr—Glt	1909	Owl's Head, N.S.	37 0	10 8	4 8	10	John R. May, Owl's Head, N.S.
126585	Annie L. Spindler	Lunenburg	Schr—Glt	1910	Lunenburg, N.S.	108 4	25 8	10 8	95	Byron Ritcey, *et al.*, Riverport, N.S.
61595	Annie Louisa	Halifax	Schr—Glt	1876	Jordan River, N.S.	56 6	20 0	7 5	40	Thomas Countway *et al.*, Marriotts Cove, N.S.
112021	Annie M.	Charlottetown	Schr—Glt	1903	Queensport, N.S.	48 0	15 8	8 5	29	Andrew H. Olsen, Port Hawkesbury, N.S.
107766	Annie M.	Charlottetown	Schr—Glt	1902	Mimingash, P.E.I.	35 6	13 9	6 1	20	Peter Perry, Tignish, P.E.I.
100960	Annie M.	Chatham, N.B.	Schr—Glt	1890	Shippigan, N.B.	36 2	12 3	4 8	11	W. S. Loggie Co., Ltd., Chatham, N.B.
107069	Annie M.	St. John, N.B.	Sloop	1897	St. John, N.B.	42 2	14 3	4 0	18	Edward McGuiggan, jr., St. John, N.B.
138125	Annie M. Nadeau	Paspebiac	Schr—Glt	1918	Port Daniel, Que.	104 6	25 6	9 1	148	C. H. Nadeau, Port Daniel East, Que., and C. C. Tyrer, Halifax, N.S., J.O.
111737	Annie M. W.	Lunenburg	Schr—Glt	1902	LaHave, N.S.	90 4	24 3	9 3	98	Edgerton Ritcey, M.O., Riverport, N.S.
103463	Annie May	Arichat	Schr—Glt	1899	River Bourgeoise, N.S.	39 4	13 4	4 9	11	Henry Le Lacheur, Martinique, N.S.
111526	Annie May	Digby	Schr—Glt	1900	Port Lorne, N.S.	28 0	11 3	5 8	11	David Sabeans, Port Lorne, N.S.
121933	Annie May	Halifax	Schr—Glt	1906	Spry Bay, N.S.	48 5	14 3	7 6	24	John A. Gerrard, M.O., Spry Bay, N.S.
90195	Annie S.	Halifax	Schr—Glt	1885	Ship Harbour, N.S.	49 3	17 6	7 0	34	David A. Boudro, Port Felix, N.S.
121890	Annie Smith	Yarmouth	Sloop	1906	Clyde, N.S.	34 0	12 0	6 0	13	E. P. Crowell, Port LaTour, N.S.
80992	Annie W.	Guysboro'	Schr—Glt	1883	Wine Harbour, N.S.	37 5	11 0	4 4	10	Elijah Walters, Wine Harbour, N.S.
103991	Annie & Lillie	St. Andrews	Sloop	1897	Grand Manan, N.B.	26 0	12 5	6 5	10	Joseph Hatt, Grand Manan, N.B.
137912	Anonciade	Chatham, N.B.	Schr—Glt	1915	Caraquet, N.B.	44 0	14 5	6 2	20	Theotime Gallien, Caraquet, N.B.
72566	Antoine Auger	Quebec	Barge—Chd	1875	Garden Island, Ont.	151 0	26 0	11 2	365	Auger & Son, Ltd., Quebec, Que.
126378	Arab Boy	Halifax	Sloop	1907	Mahone Bay, N.S.	29 5	8 8	4 5	5	Hugh Laborde, Halifax, N.S.
100987	Arabi	Chatham, N.B.	Schr—Glt	1890	Shippigan, N.B.	34 6	13 1	4 8	12	P. Rive, Caraquet, N.B.
121652	Arabia	Yarmouth	Sloop	1904	Tusket Wedge, N.S.	33 0	10 6	6 0	10	Eloi J. Leblanc, M.O., Tusket Wedge, N.S.
131165	Araminta	Lunenburg	Schr—Glt	1912	Lunenburg, N.S.	106 8	26 3	10 4	95	Wm. Creaser, *et al.*, Riverport, N.S.
134017	Aranoka	Lunenburg	Schr—Glt	1914	Mahone Bay, N.S.	97 6	25 0	10 0	94	Robert Hiltz, M.O., Indian Point, N.S.
130818	Araucania	Lunenburg	Schr—Glt	1911	Mahone Bay, N.S.	103 0	25 5	10 5	92	Robin Jones & Whitman, Ltd., *et al.*, Halifax, N.S.
121943	Arcade	Sorel	Sloop	1907	Pierreville, Que.	109 0	23 2	7 7	140	Agapit Daneau, Notre Dame de Pierreville, Que.
131176	Arcola	Lunenburg	Schr—Glt	1913	Lunenburg, N.S.	106 8	26 3	10 4	97	Henry Adams, M.O., Lunenburg, N.S.
100612	Ardella	Shelburne	Schr—Glt	1892	Sand Point, N.S.	27 6	12 0	5 6	10	Peter M. Crowe, Shelburne, N.S.
133665	Arena	Halifax	Schr—Glt	1913	Sambro, N.S.	42 0	10 6	5 6	12	Edward S. Marryatt, M.O., Pennant, N.S.
96739	Argeline	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	37 0	13 0	5 4	14	O. Gionet, Caraquet, N.B.
121698	Argo	Yarmouth	Sloop	1904	Tusket Wedge, N.S.	32 0	11 0	6 0	10	Theophilus Jacquard, Comeau's Hill, N.S.
83478	Argyle	St. Andrews	Schr—Glt	1880 1907	Argyle, N.S. Wilson's Beach, N.B.	37 1	12 5	5 2	10	James T. Hinds and Wm. F. Hinds, J.O., Letang, N.B.
111762	Ariadne	Kingston	Schr—Glt	1901	Amherst Island, Ont.	57 6	14 5	4 0	23	William K. Smith, Kingston, Ont.
103617	Ariadne	Kingston	Schr—Glt	1891	CapeVincent, N.Y., U.S.A.	56 3	18 3	4 5	16	J. McIntosh, South Marysburg, Ont.
112102	Ariadne	St. John, N.B.	Schr—Glt	1902	Petite Rivière, N.S.	63 4	19 1	7 4	48	Jno. S. Clifford, Tiverton, N.S., and Robin, Jones & Whitman, Ltd., Halifax, N.S.
103487	Ariadne	Victoria	Yawl—Yole	1896	Esquimalt, B.C.	46 8	15 2	7 0	23	William J. Henry, Quatsino, B.C.
107078	Ariel	St. John, N.B.	Sloop	1894	Rothesay, N.B.	27 0	10 8	4 4	7	R. Matthews, St. John, N.B.
85756	Aristile	Quebec	Schr—Glt	1883	Natashquan, Que.	40 8	15 2	6 1	19	Louis St. Hilaire, Baie St. Paul, Que.
112314	Aritus	St. Andrews	Sloop	1902	Campobello, N.B.	34 5	13 0	7 8	16	Ralph Colson, Campobello, N.B.
83307	Arizona	Liverpool	Schr—Glt	1883	Port Medway, N.S.	84 0	25 0	9 8	99	Lawrence Lanigan, Souris, P.E.I.
72957	Ark	St. Catharines	Schr—Glt	1875	Port Dalhousie, Ont.	175 6	35 6	10 4	521	The Montreal Lighterage Co., Ltd., Montreal, Que.
138290	Armeria	Chatham, N.B.	Schr—Glt	1914	Caraquet, N.B.	36 0	12 0	4 3	11	Joseph H. Legere, Caraquet, N.B.
107139	Arminta	St. Andrews	Sloop	1894	Digby, N.S.	35 0	12 2	5 0	15	Judson L. Guptill, Grand Manan, N.B.
107913	Arnold B.	St. Andrews	Sloop	1897	Church Point, N.S.	29 0	11 3	4 6	10	Henry H. Cheney, Grand Manan, N.B.
121695	Aroma S.	Yarmouth	Sloop	1904	Pubnico, N.S.	34 0	11 4	6 0	10	Samuel Epstein, Yarmouth, N.S.
103205	Aroostook	Lunenburg	Schr—Glt	1880	Essex, Mass., U.S.A.	75 0	22 0	7 9	67	Benjamin Levandiere, West Arichat, N.S.
85694	Arrow	Chatham, N.B.	Schr—Glt	1883	Bathurst, N.B.	41 4	13 2	5 0	14	William Daly, Bathurst, N.B.

[2]Foreign name "Imp." [4]Formerly "Cherokee."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations*—*Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant;

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant et adresse.
131332	Arseneau Brothers	Chatham, N.B.	Schr—Glt	1914	Green Point, N.B.	34 6	10 0	4 6	10	Joseph E. Arseneau, Green Point, N.B.
103098	[6]Arthur	Montreal	Barge—Chd	1890	Sorel, Que.	86 7	19 5	4 4	58	Joseph Paul, Sorel, Que.
121946	Arthur	Sorel	Barge—Chd	1907	Sorel, Que.	109 0	22 8	9 6	198	La Cie de Navigation St. Laurent Richelieu, Ltée., Montreal, Que.
111927	Arthur	Toronto	Schr—Glt	1873	Manitowoc, Wis., U.S.A.	148 0	26 2	11 3	327	Alphonse A. Larocque, Montreal, Que.
138548	Arthur J. Balfour	Lunenburg	Schr—Glt	1917	Dayspring, N.S.	106 6	26 0	10 8	99	William Duff, M.O., Lunenburg, N.S.
96945	[1]Arthur M	St. John, N.B.	Schr—Glt	1890 1912	St. Martins, N.B.	77 3	25 9	7 6	97	Charles H. Smythe and Patrick McGrath, Parrsboro, N.S.
94886	[3]Asia	Montreal	Schr—Glt	1889	Pierreville, Que.	107 0	23 3	9 6	79	Elise Duneau, Notre Dame de Pierreville, Que.
122586	Aspinet	Port Modway	Schr—Glt	1909	Pubnico, N.S.	37 0	14 8	6 4	14	Thomas Wilcox, Louisburg, N.S.
107436	Asthore	St. Andrews	Sloop	1899	Calais, Me., U.S.A.	15 8	6 3	1 6	1	W. B. Ganong, St. Stephen, N.B.
138281	Astra	Chatham, N.B.	Schr—Glt	1916	Lamek, N.B.	40 0	10 5	4 3	12	Joseph Baudins, Little Shippigan, Shippigan Is., N.B.
138242	Atacama	Lunenburg	Schr—Glt	1916	Mahone Bay, N.S.	102 6	26 2	10 2	96	J. Ernst & Son, Ltd., Mahone Bay, N.S., M.O.
131118	Atagi No. 1	New Westminster	Barge—Chd	1913	Steveston, B.C.	50 0	16 0	4 0	28	Tsunematsue Atagi, Steveston, B.C.
126131	Atheling	Halifax	Schr—Glt	1908	Jeddore, N.S.	63 8	19 7	8 2	63	R. J. Leslie Co., Ltd., Amherst, M. I., Que.
121895	Athlete	Shelburne	Sloop	1906	Shelburne, N.S.	38 0	13 0	5 7	13	John C. Cook, Grand Harbour, N.B.
111187	[4]Atlantic	Quebec	Barge—Chd	1879	Philadelphia, Pa., U.S.A.	153 6	28 2	9 6	271	Joseph Guertin, St. Joseph de Sorel, Que.
107828	Atlas	Victoria	Barge—Chd	1882	Victoria, B.C.	115 5	23 0	9 2	176	Pacific Barge Co., Ltd., Victoria, B.C.
138234	[5]Atlasco	Montreal	Barge—Chd	1881 1917	Buffalo, N.Y., U.S.A. Sorel, Que.	227 5	33 0	13 1	788	The Barge Ireland Co., Ltd., Montreal, Que.
116921	Atlin	Victoria	Barge—Chd	1904	White Horse, Y.T.	58 0	18 0	4 0	34	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
103996	Au revoir	St. Andrews	Sloop	1897	West Isles, N.B.	35 0	13 8	5 0	15	Fredk. S. Russell, Grand Manan, N.B.
131181	Auburn	Peterborough	Scow—Chd	1912	Peterborough, Ont	110 0	27 4	7 1	190	The Minister of Railways and Canals, Ottawa, Ont.
107603	Augusta Evelyn	Yarmouth	Schr—Glt	1900	Belliveau's Cove, N.S.	53 0	17 5	7 0	31	Jas. J. Duncan, Deep Cove, N.S.
100360	Auguste	Quebec	Schr—Glt	1890	St. Thomas, Que.	67 5	21 4	5 6	49	Evan John Price, Quebec, Que.
96919	Augustus	Kingston	Schr—Glt	1893	Garden Island, Ont.	177 5	39 6	15 0	802	Alphonse A. Laroque, Montreal, Que.
97134	Aurelia	Quebec	Schr—Glt	1886	Mille Vaches, Que.	38 8	14 8	4 6	14	J. L. Fequet, Bonne Esperance, Labrador.
94727	Aurelia	St. John, N.B.	Schr—Glt	1889	Hall's Harbour, N.S.	40 8	15 5	6 0	22	Halle Bigelow, Canning, N.S.
73058	Aurélie	Quebec	Barge—Chd	1873	Yamaska, Que.	102 4	22 2	7 5	127	Alexander Laplante, Lachine, Que.
90795	Aurora	Vancouver	Schr—Glt	1888	Mayne Island, B.C.	66 7	18 4	6 4	41	The Canadian Fishing Co., Ltd., Vancouver, B.C.
94980	Aurore	Yarmouth	Schr—Glt	1890	Pubnico, N.S.	81 1	22 2	7 6	86	Edward Boswell and Allan McLean, Victoria, P.E.I.
133814	Austin B	Lunenburg	Schr—Glt	1904	Lunenburg, N.S.	40 4	10 8	5 1	10	Archibald Haughn, West Dublin, N.S.
83469	Austin P	St. Andrews	Schr—Glt	1882	West Isles, N.B.	32 0	13 5	6 0	12	Chas. W. Stewart, West Isles, N.B.
94791	Autumn Belle	Richibucto	Schr—Glt	1888	Richibucto, N.B.	37 2	13 4	5 0	15	John Robertson, Rexton, N.B.
92500	Avalon	Windsor, N.S.	Schr—Glt	1888	Advocate, N.S.	93 9	28 2	7 9	116	J. Willard Smith, St. John, N.B.
88699	Avenue	St. John, N.B.	Schr—Glt	1885	Waterborough, N.B.	65 4	23 0	6 1	51	Wm. N. Durost, Cambridge, N.B.

130988	Aviator	Chatham, N.B.	Schr—Glt.	1912	Caraquet, N.B.	37	0	14	3	6	0	17	Peter S. Lanteigne, Caraquet, N.B.
111504	Avis	St. John, N.B.	Sloop	1895	Perth Amboy, Me., U.S.A.	31	0	8	3	2	9	4	John B. Cudlip, St. John, N.B.
103127	Avis C. Tobey	St. Andrews	Sloop	1896	West Isles, N.B.	35	0	12	4	4	8	13	H. H. Baneroft, Grand Manan, N.B.
116821	Avis Pauline	Barrington Passage	Sloop	1903	Clarke's Harbour, N.S.	31	6	11	9	5	4	12	Peter M. Nickerson, Clarke's Harbour, N.S.
103216	Avon	Ottawa	Scow—Chd.	1890	Buckingham, Que.	50	0	14	4	4	3	16	George Bothwell, Buckingham, Que.
134041	Azanetta	Lunenburg	Schr—Glt.	1913	Bayswater, N.S.	59	0	15	8	9	0	35	Benjamin Cleveland, Bayswater, N.S.
116996	B.	Ottawa	Barge—Chd.	1903	Barry's Bay, Ont.	50	0	12	0	4	0	16	The Canada Corundum Co., Ltd., Toronto, Ont.
122529	B. II	Vancouver	Scow—Chd.	1907	Vancouver, B.C.	73	9	30	0	8	0	158	Bermuda Steamship Co., Ltd., Vancouver, B.C.
107928	B. No. I	New Westminster	Scow—Chd.	1900	New Westminster, B.C.	73	0	28	0	6	0	123	The B. C. Mills Timber & Trading Co., Vancouver, B.C
111601	B. No. 13	New Westminster	Scow—Chd.	1891	New Westminster, B.C.	58	0	19	0	5	0	134	The B.C. Mills Timber & Trading Co., Vancouver, B.C.
133723	B. A. S. Co. No. 1	Vancouver	Scow—Chd.	1913	Vancouver, B.C.	68	3	27	2	7	3	136	Alex. Easler, *et al.*, J.O., South Vancouver, B.C.
141025	B. B. No. 1	Vancouver	Scow—Chd.	1912	New Westminster, B.C.	85	2	28	0	7	5	148	Wm. Bartlett, Vancouver, B.C., and E. P. Bartlett, New Westminster, B.C.
100463	B. C.	Quebec	Schr—Glt	1891	St. Thomas, Que.	37	4	12	6	5	0	15	E. Caron, Montmagny, Que.
121982	B. C. C. No. 3	Victoria	Barge—Chd.	1905	Ladners, B.C.	49	5	18	3	5	0	49	British Columbia Canning Co., Ltd., London, Eng.
121983	B. C. C. No. 4	Victoria	Barge—Chd.	1906	Ladners, B.C.	45	5	16	2	5	0	33	British Columbia Canning Co., Ltd., London, Eng.
138534	B. C. E. Oil No. III	Vancouver	Scow—Chd.	1913	Vancouver, B.C.	85	0	28	0	7	7	151	Vancouver Power Co., Ltd., Vancouver, B.C.
133852	B. C. L. No. 1	Vancouver	Scow—Chd.	1912	New Westminster, B.C.	97	4	40	2	9	6	363	Frank L. Buckley, Vancouver, B.C.
126234	B.C.S.&G. Co. No. 1	Victoria	Barge—Chd.	1908	Sidney, B.C.	90	0	30	7	8	0	166	Producer's Rock & Gravel Co., Ltd., Victoria, B.C.
138735	B. C. T. No. 1	New Westminster	Scow—Chd.	1912	New Westminster, B.C.	78	4	30	0	7	2	148	British Columbia Transport Co., Ltd., Vancouver, B.C.
134120	B. C. T. No. 2	New Westminster	Barge—Chd.	1912	New Westminster, B.C.	79	6	29	0	7	0	147	B.C. Transport Co., Ltd., London, G.B.
138736	B. C. T. No. 3	New Westminster	Scow—Chd.	1912	New Westminster, B.C.	78	4	30	0	7	2	148	British Columbia Transport Co., Ltd., Vancouver, B.C.
138737	B. C. T. No. 4	New Westminster	Scow—Chd.	1912	New Westminster, B.C.	78	4	30	0	7	2	148	British Columbia Transport Co., Ltd., Vancouver, B.C.
138873	B. C. T. No. 5	New Westminster	Scow—Chd.	1912	New Westminster, B.C.	78	4	30	0	7	2	148	British Columbia Transport Co., Ltd., Vancouver, B.C.
134121	B. C. T. No. 6	New Westminster	Barge—Chd.	1912	New Westminster, B.C.	79	6	29	0	7	0	147	B.C. Transport Co., Ltd., London, G.B.
107719	B. K. C. 1	Vancouver	Scow—Chd.	1899	New Westminster, B.C.	52	0	12	3	3	7	21	Geo. W. Dawson, Vancouver, B.C..
107720	B. K. C. 2	Vancouver	Scow—Chd.	1899	New Westminster, B.C.	52	0	12	3	3	7	21	Geo. W. Dawson, Vancouver, B.C.
111607	B. S. M. No. 7	New Westminster	Barge—Chd.	1892	New Westminster, B.C.	64	0	20	0	6	0	64	The Brunette Sawmill Co., Ltd., New Westminster, B.C.
100547	B. and C.	Digby	Sloop	1893	Deer Island, N.B.	40	0	15	0	7	0	14	Charles M. Sullivan, Freeport, N.S.
138584	B. & M. No. 1	St. John, N.B.	Scow—Chd.	1917	Public Landing, N.B.	62	4	23	0	5	3	61	John Brown, Public Landing, N.B.
126059	B. B. Buckhout	Owen Sound	Barge—Chd.	1873	East Saginaw, Mich., U.S.A.	155	0	28	8	10	0	341	Rixon Ainslie Stoddart Co., Ltd., Owen Sound, Ont.
100018	B. B. Hardwick	Annapolis Royal	Schr—Glt.	1897	Clementsport, N.S.	96	5	28	2	9	0	123	Joshua E. Backman *et al.*, Riverport, N.S.
138139	B. et T	Quebec	Schr—Glt.	1916	Anse St. Jean, P.Q.	73	0	27	6	6	9	75	Jos. Boudreault and Jos. Tremblay, J. O., Anse St. Jean, Que.
103858	B. & B. Holland	Halifax	Schr—Glt.	1897	Duncan's Cove, N.S.	52	8	14	4	7	2	26	James Dunne, North Sydney, N.S.
137965	B. L. Pennington	Montreal	Sloop			239	8	38	3	14	3	1,168	Canada Steamship Lines, Ltd., Montreal, Que.
83066	B. Donaldson	Ottawa	Barge—Chd.	1881	Hull, Que.	111	2	22	5	7	8	162	John O'Toole, Ottawa, Ont.
130489	B. Jax	Vancouver	Barge—Chd.	1911	New Westminster, B.C.	95	0	32	0	9	0	249	Vancouver Machinery Depot, Ltd., Vancouver, B.C.
126471	Babette	Halifax	Sloop	1909	Halifax, N.S.	31	0	8	4	4	0	5	Francis Hugh Bell, Halifax, N.S.
116760	Baltic	Toronto	Barge—Chd.	1856	Philadelphia, Pa., U.S.A.	136	0	22	0	9	0	191	John Galna and R. W. Danter, J.O., Parry Sound, Ont.
85316	[7]Baramba	Vancouver	Barge—Chd.	1882	Victoria, B.C.	177	0	33	6	8	5	763	Kingsley Navigation, Co., Ltd., Vancouver, B.C.
72069	Barbara Fritchie	Arichat	Schr—Glt.	1866	Kennebunk, Me., U.S.A.	72	6	20	4	7	3	63	Jas. Byrne, St. Lawrence, Nfld.
107267	Barge No. 1	Ottawa	Barge—Chd.	1898	Hull, Que.	50	4	31	9	4	9	48	H. F. Cumming and J. B. McMillan, J.O., Cornwall, Ont.
107268	Barge No. 2	Ottawa	Barge—Chd.	1898	Hull, Que.	81	0	28	0	5	0	60	Wm. Lawlor, Hawkesbury, Ont.
107269	Barge No. 3	Ottawa	Barge—Chd.	1898	Hull, Que.	81	0	20	1	5	0	54	Wm. Lawlor, Hawkesbury, Ont.
107270	Barge No. 4	Ottawa	Barge—Chd.	1898	Hull, Que.	81	0	20	1	5	0	54	Contractor's Supply Co., Ltd., Ottawa, Ont.
98301	Baroda	Vancouver	Barge—Chd.	1891	Dumbarton, G.B.	237	5	36	2	21	5	1,353	Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.
130426	Barracouta	St. Andrews	Sloop		U.S.A.	32	2	10	5	4	3	9	William Hope, Montreal, Que.
94621	Barrington	Ottawa	Lt—Shp	1887	Shelburne, N.S.	75	0	22	4	9	8	81	The Minister of Marine and Fisheries, Ottawa, Ont.
112383	[8]Basutoland	Liverpool	Schr—Glt.	1870 1903	Bath, Me., U.S.A. Liverpool, N.S.	116	9	29	0	8	4	190	Reynolds Harrington, *et al.*, Sydney, N.S.
97188	Bay Queen	Barrington Passage	Schr—Glt.	1891	Mount Denison, N.S.	51	0	16	2	6	5	32	E. B. Nickerson *et al*,, Port Clyde, N.S.
126711	[9]Beacon Bar	St. John, N.B.	Dredge-Drague		U.S.A.	77	6	30	3	6	0	197	Thomas Bell, St. John, N.B.
122185	Beatrice	Arichat	Schr—Glt.	1898	Queensport, N.S.	38	0	10	2	6	1	11	Geo. Hendsbee, Half Island Cove, N.S.
116828	Beatrice	Barrington Passage	Sloop	1903	Clarke's Harbour, N.S.	32	6	12	0	6	1	12	Frank A. Swim, Clark's Harbour, N.S.

[1]Formerly "Abana." [3]Formerly "Montcalm." [4]Formerly "Wanderer," and a steamer. [5]Formerly "Russell Sage." [6]Formerly a steamer. [7]Formerly R. P. Rithet and a steamer. [8]Foreign name "Samuel C. Hart." [9]Foreign name "Saugus."

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Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant;

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant et adresse.
97077	Beatrice	Charlottetown	Schr—Glt	1893	Souris, P.E.I.	32 8	11 1	5 3	8	James Taylor, New Glasgow, N.S.
117185	Beatrice	Charlottetown	Schr—Glt	1905	Elm Tree, N.B.	65 0	19 0	7 5	51	Camille Delaney, House Harbour, Magdalen Islands, Que.
85345	Beatrice	Chatham, N.B.	Schr—Glt	1883	Lunenburg, N.S.	74 4	25 6	8 4	79	Alfred Manley, Halifax, N.S.
116672	Beatrice	St. Andrews	Sloop	1897	West Isles, N.B.	36 6	13 8	6 0	19	Henry Benson, Grand Manan, N.B.
138789	Beatrice No. 3	Victoria	Barge—Chd	1912	Victoria, B.C.	75 3	26 2	6 6	106	John J. Goodwin, Victoria, B.C.
138790	Beatrice No. 4	Victoria	Barge—Chd	1912	Victoria, B.C.	75 3	26 2	6 6	106	John J. Goodwin, Victoria, B.C.
126028	Beatrice Donovan	Sydney, N.S.	Schr—Glt	1909	Ingonish, N.S.	39 0	12 5	6 2	18	Robin, Jones & Whitman, Ltd., Halifax, N.S.
116498	Beatrice S. Mack	Gaspe	Schr—Glt	1903	Lunenburg, N.S.	92 4	24 8	10 0	99	H. J. Hyman *et al.*, J.O., Gaspe, Que.
100056	Beaver	Charlottetown	Schr—Glt	1890	Perry's Point, N.B.	117 8	28 0	9 2	192	Arnold Rothenburg, Charlottetown, P.E.I.
130634	Beaver	St. John, N.B.	Dredge-Drague		U.S.A.	104 8	40 6	10 0	514	The Beaver Dredging Co., Ltd., St. John, N.B.
112160	Beaver II	Chatham, N.B.	Schr—Glt	1903	Shelburne, N.S.	58 0	21 8	6 5	53	Robert Loggie, M.O., Loggieville, N.B.
111943	Beaver No. 3	New Westminster	Barge—Chd	1900	Blaine, Wash., U.S.A.	55 0	13 0	3 6	22	National Packing Co., Vancouver, B.C.
100983	Bee	Chatham, N.B.	Schr—Glt	1888	Caraquet, N.B.	35 6	12 0	5 0	11	C. Robin Collas, & Co., Ltd., Halifax, N. S.
138431	Beechland	Annapolis Royal	Schr—Glt	1917	Annapolis Royal, N.S.	170 5	35 0	12 9	420	Thomas and William Harling, Montreal, Que.
72986	Belknap	Wallaceburg	Barge—Chd	1874	Port Huron, Mich., U.S.A.	81 5	19 0	4 3	46	William H. Biden, *et al.*, J.O., Chatham, Ont.
122109	Bella	Yarmouth	Sloop	1906	Tusket Wedge, N.S.	36 0	13 0	7 0	18	Ulysse J. Amiro, Pubnico, N.S.
116303	Bella Rose	Charlottetown	Schr—Glt	1905	Bayfield, P.E.I.	41 6	13 6	5 8	21	John S. Fraser, Trenton, N.S.
69717	[1]Bellas	Quebec	Bk—Bq	1875	White Haven, G.B.	203 4	32 4	19 6	851	The Governor General of Canada, Ottawa, Ont.
74141	Belle	Charlottetown	Schr—Glt	1876	Lower Dublin, N.S.	52 0	17 3	7 0	31	Wm. Cameron *et al.*, Pictou, N.S.
116960	Belle Hanscom	Sarnia	Barge—Chd	1874	Toledo, O., U.S.A.	129 5	24 6	10 5	299	The Reid Wrecking Co., Ltd., Sarnia, Ont.
130770	Belle Mahone	Kingston	Sloop	1905	Grindstone Island, N.Y., U.S.A.	47 2	13 6	4 4	18	Rodney Busch, Simcoe Island, Ont.
83050	Belmont	Shelburne	Schr—Glt	1882	Shelburne, N.S.	63 0	20 5	7 9	54	Jos. McGill, Shelburne, N.S.
134239	Ben B	Montreal	Scow—Chd	1913	Montreal, Que.	71 2	22 1	4 3	156	Quinlan & Robertson Ltd., Montreal, Que.
103072	Ben Hur	Chatham, N.B.	Schr—Glt	1892	Tracadie, N.B.	34 0	12 2	5 2	11	Adolf LeClerc and John LeClerc, Caraquet, N.B.
117192	Ben Lomond	Kenora	Barge—Chd	1897	Keewatin, Ont.	50 0	20 5	4 4	45	H. J. Davis, Kenora, Ont.
134368	Benjamin Harrison	Sorel	Barge—Chd	1889	Mount Clements, Mich., U.S.A.	172 6	32 4	12 1	508	Joseph Guertin, St. Joseph de Sorel, Que.
96787	Benecia Boy	Halifax	Schr—Glt	1889	Straits of Canso, N.S.	34 2	10 8	6 6	11	Michael Crispo, Harbour au Bouche, N.S.
130468	Benjamin C. Smith	Lunenburg	Schr—Glt	1911	La Have, N.S.	105 8	26 6	10 2	100	Benjamin Smith, M.O., Lunenburg, N.S.
137929	Benoit	Chatham, N.B.	Schr—Glt	1915	Little Lamek, N.B.	31 0	11 0	5 6	11	C. Duguay, Little Lamek, N.B.
88300	Bernadette	Quebec	Schr—Glt	1883	Baie St. Paul, Que.	43 8	16 5	6 5	28	Mrs. Lucy Boily, Baie St. Paul, Que.
107237	Bernadette	Quebec	Sloop	1898	Isle aux Grues, Que.	35 0	13 8	4 4	13	Jos. Lachance, Isle aux Grues, Que.

141045	Bernard B. Conrad	Lunenburg	Schr—Glt	1918	Mahone Bay, N.S.	113	8	25	8	10	3	94	Joseph Conrad, M.O., LaHave, N.S.
122102	Bernice N.	Yarmouth	Sloop	1905	Shelburne, N.S.	30	0	11	0	6	0	10	John C. Nickerson, M.O., Woods Harbour, N.S.
138556	Bernice Zinck	Lunenburg	Schr—Glt	1917	Lunenburg, N.S.	112	8	26	3	10	3	100	Henry W. Adams, M.O., Lunenburg, N.S.
122453	Bertha A.	Yarmouth	Sloop	1907	Clyde, NS.	34	0	11	0	6	0	12	LeRoy Selig, Port Medway, N.S.
100253	Bertha Belle	Halifax	Schr—Glt	1894	Moser's River, N.S.	52	2	17	2	6	6	32	J. F. Guite, Maria, Que.
73969	Bertha E.	Halifax	Schr—Glt	1877	Liverpool, N.S.	44	4	16	3	6	6	21	W. H. Doggett, White Point, N.S.
122127	Bertha M.	Halifax	Schr—Glt	1906	Chester, N.S.	45	0	12	4	5	4	14	J. Foster Rood, Halifax, N.S.
100437	Bertha M.	Moncton	Schr—Glt	1910	Shemogue, N.B.	43	0	13	3	4	1	13	Robert Wells, Anderson, N.B.
88251	Bertha Maud	St. John, N.B.	Schr—Glt	1883	Waterborough, N.B.	74	6	26	3	6	8	82	St. John Sulphite Pulp Co., Ltd., Leven, G.B.
107911	Bertie	St. Andrews	Sloop	1894	Digby, N.S.	34	0	11	8	5	0	13	Judson L. Guptil, jr., Grand Manan, N.B.
107051	Bertie C.	Barrington Passage	Sloop	1897	Eel Brook, N.S.	43	0	15	3	4	8	13	Fred Ellis, Lepreau, N.B.
126127	Bertie Calkins	Kingston	Schr—Glt	1874	Two Rivers, Wis., U.S.A.	134	4	27	2	9	3	227	R. G. K. Hepburn and Thos. L. Vandusen, Picton, Ont
100545	Bessie	Digby	Schr—Glt	1896	Plympton, N.S.	78	8	24	0	8	2	88	Wm. M. Warner, Plympton, N.S.
100373	Bessie	Sydney, N.S.	Schr—Glt	1891	Little Bras d'Or, N.S.	44	8	16	5	6	2	20	James Warburton, Glace Bay, N.S.
130679	Bessie A. P.	Lunenburg	Schr—Glt	1910	Blandford, N.S.	40	4	10	5	5	3	11	John O. Duggan, Upper Prospect, N.S.
94662	Bessie Florence	Halifax	Schr—Glt	1888	Mahone Bay, N.S.	33	6	12	3	5	5	12	James Howard, Terence Bay, N.S.
88267	Bessie May	Halifax	Schr—Glt	1883	Carlton, N.B.	50	0	16	4	5	8	23	Mrs. S. A. Maskell, Jeddore, N.S.
96931	Bessie S. Keefer	Charlottetown	Schr—Glt	1890	Murray Harbour, P.E.I.	68	5	23	2	8	5	79	Andrew H. Olsen, Port Hawkesbury, N.S.
96725	Bessie T.	Chatham, N.B.	Schr—Glt	1889	Tracadie, N.B.	31	6	12	3	4	5	10	Donald Loggie, Church Point, N.B.
122089	Bessie Willow	Charlottetown	Schr—Glt	1907	Point Prim, P.E.I.	39	6	12	2	5	4	17	J. H. C. Beck and L. H. Brehant, New Glasgow, N.S.
111559	Beta	St. Andrews	Sloop	1896	West Isles, N.B.	37	0	12	4	5	5	15	F. S. McLaughlin, Grand Manan, N.B.
73985	Bethleem	Quebec	Barge—Chd	1874 1901	St. Jean Deschaillons, Que. Leclercville, Que	97	4	25	3	7	6	129	Arsene Massicotte, Deschaillons, Que.
85730	Beulah	Guysborough	Schr—Glt	1883	Summerside, N.S.	81	3	23	6	9	2	97	Samuel H. Pyle, Boylston, N.S.
91722	Bianca	Windsor, N.S.	Schr—Glt	1888	Newport, N.S.	94	6	28	6	10	6	180	Geo. B. Lockhart, New York, N.Y., U.S.A.
134132	Bic	Quebec	Yawl—Yole	1913	Isle-aux-Grues, Que.	70	7	23	8	6	8	61	E. C. Gagnon, Sault au Mouton, Que. and Joseph and J. A. Rouleau, Tadousac, Que.
100975	Big Bear	Chatham, N.B.	Schr—Glt	1888	Caraquet, N.B.	34	0	12	1	4	4	10	Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B.
121971	Big Salmon	Victoria	Barge—Chd	1906	White Horse, Y.T.	106	4	34	5	5	7	161	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
83210	Billow	St. Andrews	Schr—Glt	1881	Cornwallis, N.S.	62	0	18	8	8	0	54	Hugh McKay, St. Stephen, N.B.
134482	Bilodeau L.	Montreal	Scow—Chd	1902	Charlottetown, P.E.I.	81	7	23	5	5	1	135	Quinlan & Robertson Ltd., Montreal, Que.
103899	Bismarck	New Westminster	Schr—Glt	1897	New Westminster, B.C.	34	0	11	5	4	4	12	M. Kubiteith, Nanaimo, B.C.
111734	Blake	Charlottetown	Schr—Glt	1902	Shelburne, N.S.	81	0	24	0	9	6	99	Edward Boswell and Allan McLean, Victoria, P.E.I.
100299	Blanchard	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	34	2	12	2	5	0	12	Robin, Jones & Whitman, Ltd., Halifax, N.S.
116474	Blanchard	Chatham, N.B.	Schr—Glt	1900	Caraquet, N.B.	34	3	12	7	4	6	12	Michael John, Caraquet, N.B.
112016	Blanche	Canso	Schr—Glt	1901	Canso, N.S.	35	6	11	3	6	9	13	Simon Williams, Canso, N.S.
121806	Blanche	Yarmouth	Sloop	1904	Clyde, N.S.	31	0	11	4	6	0	10	J. E. Nickerson, Woods Harbour, N.S.
97122	Blanche Alma	Quebec	Schr—Glt	1890	Ste. Anne, Que.	78	2	22	8	8	3	87	Joseph Simard, M.O., Ste. Anne des Monts, Que.
88551	Blanche M. Thorbourn.	Charlottetown	Schr—Glt	1884	Shelburne, N.S.	83	9	23	3	9	0	70	Chas. Lyons, Charlottetown, P.E.I.
103589	Blenheim	Chatham, N.B.	Schr—Glt	1896	Caraquet, N.B.	37	7	13	3	5	0	13	Robin, Jones & Whitman, Ltd., Halifax, N.S.
75599	Blue Jay	Digby	Schr—Glt	1877	Clare, N.S.	39	1	14	2	5	7	14	Annie E. Stevens, Grand Manan, N.B.
100909	Bluenose	Chatham, N.B.	Schr—Gtl	1889	Caraquet, N.B.	36	0	12	6	4	5	11	J. Sewell, Caraquet, N.B.
107073	Bluenose	St. John, N.B.	Sloop	1891	St. John, N.B.	23	2	8	0	2	3	2	George E. Holder, St. John, N.B.
122573	Bohemia	St. Andrews	Sloop	1907	Tusket Wedge, N.S.	31	0	12	8	6	8	10	T. M. Dakin and M. Urquart, Grand Manan, N.B.
130657	Bolina	Chatham, N.B.	Schr—Glt	1912	Caraquet, N.B.	38	0	14	5	6	5	20	Robin, Jones & Whitman, Ltd., Halifax, N.S.
94782	Bona Fides	Charlottetown	Schr—Glt	1899	Lunenburg, N.S.	76	6	23	6	8	7	78	Geo. H. Toombs, Charlottetown, P.E.I.
122250	Bonita	St. Andrews	Sloop	1902	West Isles, N.B.	30	0	13	0	6	6	15	John and Benjamin Carter, Seeleys Cove, N.B.
126106	Bonnie B	Lunenburg	Schr—Glt	1908	Tancook, N.S.	48	4	13	0	6	5	19	Alonzo. D. Feltimate, Canso, N.S.
115503	Bonnie Jean	St. John, N.B.	Sloop	1900	St. John, N.B.	37	7	13	3	5	5	12	Frank Ingersoll, Grand Manan, N.B.
88506	Bonnie Kate	Sydney, N.S.	Schr—Glt	1884	Little Bras d'Or, N.S.	44	0	14	4	5	7	14	Robert Moore, North Sydney, N.S.
94647	Bonus	Charlottetown	Schr—Glt	1888	Conquerall, N.S.	73	5	23	0	8	7	76	Charles J. Stright and Edward Boswell, Victoria, P.E.I.
103862	Boojum	Halifax	Sloop	1897	Dartmouth, N.S.	23	6	6	6	4	0	2	H. V. Kent, Halifax, N.S.
75561	Boreas	Lunenburg	Schr—Glt	1876	La Have, N.S.	55	5	19	0	7	6	41	Thos. Poirier, West Arichat, N.S.
137919	Bouvet	Chatham, N.B.	Schr—Glt	1915	Mizonette, N.B.	33	0	11	0	5	0	10	Romain Michele Godin, Mizonette, N.B.
103746	[2]Bras d'Or	Amherst, N. S.	Sloop	1895	Lunenburg, N.S.	26	8	8	8	4	2	4	Aubrey G. Robb, Amherst. N.S.

[1]Formerly " Routenbeck." [2]Formerly "Onyx".

Alphabetical List of Sailing Vessels on Registry Books in Canada December 31, 1918.

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Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant et adresse.
103497	Bravo	Lunenburg	Schr—Glt	1895	Lunenburg, N.S.	99 7	25 5	10 0	147	George A. Cruickshanks, Sydney, N.S.
126927	Breton	Quebec	Schr—Glt	1906	Lotbiniere, Que.	68 8	22 5	5 8	47	Delphis Bois, Malbaie, Que.
103954	Brighton	Montreal	Schr—Glt	1897	Kingston, Ont.	179 6	34 7	11 4	607	Montreal Transportation Co., Ltd., Montreal, Que.
78988	Bristol	Windsor, N.S.	Bk—Bq	1878	Hantsport, N.S.	96 9	39 7	23 6	1,305	Gypsum Packet Co., Ltd., Windsor, N.S.
103780	Britannia	Chatham, N.B.	Schr—Glt	1897	Caraquet, N.B.	38 4	13 0	5 0	13	W. S. Loggie Co., Ltd., Chatham, N.B.
103128	Britannia	St. Andrews	Sloop	1896	Grand Manan, N.B.	40 0	15 0	6 0	22	G. B. Cossaboom and David Sproule, Digby, N.S.
122520	Britannia	Vancouver	Sloop	1905	Nanaimo, B.C.	34 8	8 9	2 6	7	Sydney B. Smith, Vancouver, B.C.
103780	Britannic	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	37 1	12 6	5 0	12	W. S. Loggie Co., Ltd., Chatham, N.B.
80577	British Lion	Windsor, Ont.	Schr—Glt	1883	Pike Creek, Ont.	84 6	22 6	5 5	80	James Moss, Dunnville, Ont.
107079	British Queen	St. John, N.B.	Sloop	1887	St. John, N.B.	27 0	8 7	2 8	4	Charles Kain, St. John, N.B.
92613	[2]Briton (The)	Bowmanville	Schr—Glt	1872	South Marysburg, Ont.	106 0	23 8	8 7	146	Charles E. Britton, Gananoque, Ont.
107784	Brittania	Ottawa	Horse ferry	1899	Arnprior, Ont	51 0	22 0	3 6	14	John McAra, Bristol, Que.
103186	Brittania	Shelburne	Schr—Glt	1896	Green Harbour, N.S.	35 5	11 5	4 7	11	Ross Enslow, Green Harbour, N.S.
137968	[3]Brookdale	Montreal	Sloop	1888	West Bay City, Mich., U.S.A.	213 1	39 0	16 3	1,165	Canada Steamship Lines, Ltd., Montreal, Que.
111697	Brooklyn	Liverpool	Schr—Glt	1901	Brooklyn, N.S.	116 2	30 4	11 8	247	C. E. Whidden, Antigonish, N.S.
133662	Brookside W	Halifax	Schr—Glt	1912	Clam Bay, N.S.	35 9	10 6	5 0	11	Walter Webber, Clam Bay, N.S.
126139	Bruiser	Montreal	Dredge—Drague		U.S.A.	100 0	39 6	8 7	508	Michael J. O'Brien, Renfrew, Ont.
126140	Bruiser No. 1	Montreal	Scow—Chd		U.S.A.	105 0	31 0	11 0	308	Michael J. O'Brien, Renfrew, Ont.
126372	Bruiser No. 3	Halifax	Scow—Chd	1908	Dartmouth, N.S.	44 0	11 6	5 3	14	General Construction & Dredging Co., Ltd., Toronto, Ont.
107612	Brunette	Ottawa	Barge—Chd	1899	Hull, Que.	108 0	24 0	8 0	163	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
134493	Bruxelles XXXX	Quebec	Dredge—Drague	1907	Leyden, Holland	158 1	27 2	8 8	198	La Cie Generale d'Entreprises Publiques, Levis, Que.
103228	Buckingham	Ottawa	Barge—Chd	1893	Buckingham, Que.	74 0	18 7	4 0	43	Frank Ross, Quebec, Que.
100092	Bud	St. John, N.B.	Schr—Glt	1892	Greenwich, N.B.	51 9	17 7	4 4	35	Chas. Kennedy, St. John, N.B.
80795	Buda	Digby	Schr—Glt	1882	Meteghan River, N.S.	42 0	15 0	5 6	20	Connors Brothers, Ltd., Black's Harbour, N.B.
122288	Buema	Shelburne	Schr—Glt	1908	Lunenburg, N.S.	54 9	16 4	7 6	36	Daniel Ryder, Argyle, N.S.
85425	Buffalo	St. Catharines	Scow—Chd	1865	Port Robinson, Ont.	104 0	25 0	4 5	88	Abraham H. Bradley, Dunnville, Ont.
111765	Burma	Montreal	Schr—Glt	1901	Garden Island, Ont.	183 6	39 5	15 0	885	The Montreal Transportation Co., Ltd., Montreal, Que.
111897	Burque Brothers	Weymouth	Sloop	1905	Church Point, N.S.	33 0	12 2	5 1	10	B. M. LeBlanc, *et al.*, Meteghan, N.S.
134389	Buster	Sault Ste. Marie	Scow—Chd		U.S.A.	90 0	30 0	6 5	317	Aaron Portnoy, Sault Ste. Marie, Ont.
122384	Bute No. 1	Victoria	Barge—Chd	1905	Vancouver, B.C.	66 0	24 5	6 3	87	Albert Berquist, Sidney, B.C.
134025	Bute No 8	Victoria	Barge—Chd	1911	Victoria, B.C.	80 0	30 0	9 2	179	S. Doe, Victoria, B.C.
116997	C	Ottawa	Barge—Chd	1903	Barry's Bay, Ont.	80 0	12 0	4 0	31	The Canada Corundum Co., Ltd., Toronto, Ont.
130843	C. B. No. 1	Vancouver	Scow—Chd	1911	Vancouver, B.C.	80 2	35 0	6 0	223	Columbia Bitulithic, Ltd., Vancouver, B.C.

133724	C. F. Co. 1	Vancouver	Scow—Chd	1912	Vancouver. B.C.	72	3	24	1	5	2	86	The Canadian Fishing Co., Ltd., Vaneouver, B.C.
133725	C. F. Co. 2	Vancouver	Scow—Chd	1912	Vaneouver, B.C.	72	3	23	9	5	2	87	The Canadian Fishing Co., Ltd., Vaneouver, B.C.
126386	C. J. B.	Quebec	Schr—Glt	1909	Escoumains, Que.	67	5	21	0	5	7	51	Charles Gagne, Grand Metis, Que.
134286	C.L.C. No. 1	Victoria	Barge—Chd	1913	Victoria, B.C.	67	0	26	0	5	5	79	Cameron Lumber Co., Ltd., Victoria, B.C.
134287	C.L.C. No. 2	Victoria	Barge—Chd	1913	Victoria, B. C.	75	0	28	0	6	5	113	Cameron Lumber Co., Ltd., Victoria, B.C.
83370	C. M. G. P.	Quebec	Schr—Glt	1882	Esquimaux Point, Que.	58	8	17	5	7	9	46	Joseph Boudrault, Anse St. Jean, Que.
72061	C. P. M.	Arichat	Schr—Glt	1880	River Bourgeoise, N.S.	48	2	15	4	6	3	22	Désiré Burke, River Bourgeoise, N.S.
111651	C. P. R.	Montreal	Barge—Chd	1892	St. Francois du Lac, Que.	105	6	22	6	8	6	116	Anselm Verville, St. Francois du Lac, Que.
126507	C.P.R. No. 1	Victoria	Barge—Chd	1909	Vancouver, B.C.	120	0	30	0	8	5	252	Canadian Pacific Railway Co., Montreal, Que.
126235	C. P. R. No. 2	Victoria	Barge—Chd	1908	Vancouver, B.C.	106	0	30	0	8	5	221	Canadian Pacific Railway Co., Montreal, Que.
134348[4]	C. P. R. No. 100	Montreal	Barge—Chd	1868	Farmingdale, Me., U.S.A.	197	0	37	8	24	8	1,273	Canadian Pacific Railway Co., Montreal, Que.
111465	C. R. C.	Chatham, N.B.	Schr—Glt	1901	Caraquet, N.B.	37	6	12	8	5	2	13	Robin, Jones & Whitman, Ltd., Halifax, N.S.
130977	C. S. B. D. and C. Co'y No. 8	Collingwood	Scow—Chd	1914	Collingwood, Ont.	130	0	30	0	10	7	389	The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.
134158	C. S. & G. No. 1	Montreal	Scow—Chd	1912	Beauharnois, Que.	145	5	28	5	6	8	284	Canadian Sand & Gravel Co., Ltd., Montreal, Que.
134159	C. S. & G. No. 2	Montreal	Scow—Chd	1912	Beauharnois, Que.	141	1	28	8	6	9	228	Canadian Sand & Gravel Co., Ltd., Montreal, Que.
134160	C. S. & G. No. 3	Montreal	Scow—Chd	1912	Beauharnois, Que.	142	3	28	2	7	0	233	Canadian Sand & Gravel Co., Ltd., Montreal, Que.
134222	C. S. & G. No. 5	Montreal	Scow—Chd	1912	Beauharnois, Que.	36	6	15	9	2	2	10	Canadian Sand & Gravel Co., Ltd., Montreal, Que.
134223	C. S. & G. No. 6	Montreal	Scow—Chd	1912	Beauharnois, Que.	98	7	34	3	6	5	185	Canadian Sand & Gravel Co., Ltd., Montreal, Que.
138582	C. T. W. No. 1	St. John, N.B.	Scow—Chd	1911	Port Greville, N.S.	64	6	21	2	5	5	62	Charles T. White & Son, Limited, Apple River, N.S.
138335	C. T. W. No. 2	St. John, N.B.	Scow—Chd	1911	Port Greville, N.S.	64	6	21	2	5	5	62	Charles T. White & Son, Limited, Apple River, N.S.
138336	C. T. W. No. 3	St. John, N.B.	Scow—Chd	1912	Port Greville, N.S.	61	3	24	9	5	8	73	Charles T. White & Son, Limited, Apple River, N.S.
138337	C. T. W. No. 5	St. John, N.B.	Scow—Chd	1912	Port Greville, N.S.	61	5	24	2	6	3	79	Charles T. White & Son, Limited, Apple River, N.S.
138334	C. T. W. No. 8	St. John, N.B.	Scow—Chd	1913	Port Greville, N.S.	65	0	24	5	6	4	84	Charles T. White & Son, Limited, Apple River, N.S.
138338	C. T. W. No. 9	St. John, N.B.	Scow—Chd	1913	Port Greville, N.S.	65	8	25	3	6	5	90	Charles T. White & Son, Limited, Apple River, N.S.
138581	C. T. W. No. 10	St. John, N.B.	Scow—Chd	1913	Currierville, N.B.	64	4	25	0	7	0	71	Charles T. White & Son, Limited, Apple River, N.S.
138583	C. T. W. No. 11	St. John, N.B.	Scow—Chd	1913	Port Greville, N.S.	65	6	25	2	6	4	87	Charles T. White & Son, Limited, Apple River, N.S.
138333	C. T. W. No. 15	St. John, N.B.	Scow—Chd	1913	Port Greville, N.S.	65	6	25	2	6	4	87	Charles T. White & Son, Limited, Apple River, N.S.
138339	C. T. W. No. 16	St. John, N.B.	Scow—Chd	1914	Port Greville, N.S.	64	4	25	0	7	0	93	Charles T. White & Son, Limited, Apple River, N.S.
138340	C. T. W. No. 17	St. John, N.B.	Scow—Chd	1914	Port Greville, N.S.	65	6	25	2	6	4	87	Charles T. White & Son, Limited, Apple River, N.S.
138701	C. of V. No. 1	Vancouver	Scow—Chd	1911	North Vancouver, B.C.	83	1	28	0	6	8	136	The Corporation of the City of Vaneouver, B.C.
138702	C. of V. No. 2	Vancouver	Scow—Chd	1912	North Vancouver, B.C.	83	9	28	2	6	5	131	The Corporation of the City of Vaneouver, B.C.
138703	C. of V. No. 3	Vancouver	Scow—Chd	1913	North Vancouver, B.C.	83	9	28	2	6	5	131	The Corporation of the City of Vaneouver, B.C.
116467	C. W. 1	Vancouver	Barge—Chd	1903	Vancouver, B.C.	79	0	29	9	6	0	122	S. K. Champion and W. W. White, Vaneouver, B.C.
117020	C. W. 2	Vancouver	Scow—Chd	1904	Vaneouver, B.C.	72	0	24	0	6	0	88	S. K. Champion and W. W. White, Vaneouver, B.C.
126071	C. W. 4	Vancouver	Scow—Chd	1908	Vaneouver, B.C.	81	8	28	9	7	4	176	William W. White, Vaneouver, B.C.
130291	C. W. 5	Vaneouver	Scow—Chd	1909	Vaneouver, B.C.	69	0	28	6	7	2	134	William W. White, Vaneouver, B.C.
133709	C. W. 6	Vaneouver	Scow—Chd	1910	Vaneouver, B.C.	69	2	32	1	7	5	171	William W. White, Vaneouver, B.C.
94645	C. A. Chisholm	Lunenburg	Schr—Glt	1888	Mahone Bay, N.S.	73	7	22	8	9	0	78	J. C. MacDonald, Port Malcolm, N.S.
130680	C. A. Walters	Lunenburg	Schr—Glt	1906	Lunenburg, N.S.	39	4	10	2	5	2	11	Charles R. Walters, Middle La Have, N.S.
116333	C. E. Russell	Ottawa	Barge—Chd	1903	Hull, Que.	108	5	23	6	8	0	146	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
112375	C. G. Munro	Arichat	Schr—Glt	1901	Canso, N.S.	38	7	11	4	6	1	14	Vincent Richard, Charlos' Cove, N.S.
117178	C. J. Magill	Windsor, Ont.	Barge—Chd	1863	Cleveland, O., U.S.A.	139	5	30	4	10	4	373	Keenan Bros., Ltd., Owen Sound, Ont.
88588	C. W. Janes	Quebec	Bktn—Bkglt	1884	Meteghan River, N.S.	165	3	36	0	20	5	825	W. J. Sallurst Smith, Gibraltar.
100596	C. Bibeau	Montreal	Sloop	1891	Pierreville, Que.	105	6	22	9	6	8	126	Leo Robidoux, Montreal, Que.
90550	C. Richard	Ottawa	Barge—Chd	1887	Sorel, Que.	111	9	22	8	8	1	172	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
126561	Caberfeidgh	Sydney, N.S.	Schr—Glt	1909	Ingonish, N.S.	34	4	11	4	5	6	12	Mrs. Bridget Peters, South Bay, N.S.
138612	Cacalia	Chatham, N.B.	Schr—Glt	1917	Caraquet, N.B.	38	0	13	3	5	5	16	L. B. Albert, Caraquet, N.B.
107346	Caddie	Yarmouth	Schr—Glt	1898	Port Maitland, N.S.	31	0	10	5	5	6	10	James E. Perry, Port Maitland, N.S.
126495	Cadeco 1	Montreal	Dredge- Drague	1909	Longue Point, Que.	82	8	32	1	7	5	336	Charles L. Rood, New Glasgow, N.S.
130400	Cadeco No. 2	Montreal	Scow—Chd	1910	Longue Point, Que.	104	5	28	6	9	3	251	Charles L. Rood, New Glasgow, N.S.
130401	Cadeco No. 3	Montreal	Scow—Chd	1910	Longue Point, Que.	105	0	28	6	9	3	252	Charles L. Rood, New Glasgow, N.S.
130402	Cadeco No. 4	Montreal	Scow—Chd	1910	Longue Point, Que.	105	0	28	6	9	3	252	Coastal Dredging & Construction Co., Ltd., Sydney, N.S.
100988	Caesar	Chatham, N.B.	Schr—Glt	1893	Shippigan, N.B.	34	3	13	0	4	6	10	P. Rive, Caraquet, N.B.
97084	Calla Lilly	Quebec	Schr—Glt	1890	La Have, N.S.	61	9	21	8	8	3	62	Thomas Simard, St. Alphonse de Chicoutimi, Que.

[2]Formerly "S. & J. Collier." [3]Foreign name "Moravia." [4]Foreign name "Two Brothers."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Manager Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
100774	Calliope	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	37 8	11 9	5 0	12	P. Rive, Caraquet, N.B.
138652	Cambrai	Pictou, N.S.	Schr—Glt	1918	River John, N.S.	165 7	35 8	13 0	529	Shipping Syndicate, Ltd., Halifax, N.S.
126390	Camille D.	Quebec	Scow—Chd	1904	Levis, Que.	84 5	33 8	6 0	197	Compagnie Etienne Dussault, Levis, Que.
112128	Campania	Lunenburg	Schr—Glt	1903	Lunenburg, N.S.	88 8	24 6	9 2	90	Moses T. Kirkconnell, Cayman Brae, Cayman Islands, B.W.I.
96778	Campania	Port Hawkesbury	Schr—Glt	1894	Cheticamp, N.S.	35 6	11 8	5 3	11	Robin, Jones & Whitman, Ltd., Halifax, N.S.
107531	Canada	St. John, N.B.	Sloop	1898	St. John, N.B.	36 2	11 4	3 0	8	Fred. S. Heans, *et al.*, St. John, N.B.
100262	Canada	Windsor, N.S.	Schr—Glt	1891	Kingsport, N.S.	257 0	45 0	24 7	1,889	The Gypsum Packet Co., Ltd., Windsor, N.S.
112188	Canada No. 3	Toronto	Barge—Chd		Buffalo, N.Y., U.S.A.	96 0	18 0	8 9	113	Canada Ice Co., Ltd., Toronto, Ont.
138121	Canadian Northern Pacific No. 1	New Westminster.	Barge—Chd	1916	Port Mann, B.C.	158 0	46 0	11 0	673	Canadian Northern Steamships, Ltd., Toronto, Ont.
138125	Canadian Northern Pacific No. 2	New Westminster.	Barge—Chd	1916	Port Mann, B.C.	158 0	46 0	11 0	673	Canadian Northern Steamships, Ltd., Toronto, Ont.
80770	Canadien	Quebec	Barge—Chd	1881	Batiscan, Que.	102 3	22 5	8 5	137	Narcisse Paul, Sorel, Que.
74100	Candid	Arichat	Schr—Glt	1877	Chezzetcook, N.S.	45 2	16 2	7 0	23	Amadee and John H. Poirier, D'Escouse, N.S.
131324	Canna	Chatham, N.B.	Schr—Glt	1914	Caraquet, N.B.	34 0	11 6	5 0	14	Peter J. Fiott, Caraquet, N.B.
116604	Cap à la Roche	Montreal	Sloop	1905	St. Jean Deschaillons, Que.	96 0	23 6	7 2	98	Andre Laroche, St. Jean Deschaillons, Que.
121787	Capital	Ottawa	Dredge—Drague	1905	Ottawa, Ont.	79 9	24 0	6 0	178	A. Marchildon, *et al.*, Three Rivers, Que.
133746	Cara Mia	Toronto	Cutter	1910	Bristol, R.I., U.S.A.	50 0	10 0	5 5	13	Molyneux L. Gordon and V. Norman Smallpiece, Toronto, Ont.
130339	Caraquet	Chatham, N.B.	Schr—Glt	1911 1913	Caraquet, N.B.	38 0	14 0	6 2	19	Philias Doiron, Caraquet, N.B.
111718	Carl E. Richard	Lunenburg	Schr—Glt	1901	Mahone Bay, N.S.	97 8	25 2	10 4	99	James C. Skinner, Port Hastings, N.S.
134054	Carl S.	Lunenburg	Schr—Glt	1914	Lunenburg, N.S.	90 2	21 0	9 4	82	Henry W. Adams, M.O., Lunenburg, N.S.
122385	Carmacks	Victoria	Barge—Chd	1907	White Horse, Y.T.	120 0	38 7	5 5	211	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
88459	Caroline	Arichat	Schr—Glt	1888	Dartmouth, N.S.	35 6	11 8	4 7	12	John B. Gerrior, West Arichat, N.S.
134052	Carranza	Lunenburg	Schr—Glt	1914	Shelburne, N.S.	102 0	25 0	10 0	99	Edmund Walters, M.O., La Have, N.S.
88409	Carrie	Digby	Schr—Glt	1881	Clare, N.S.	32 0	11 8	4 6	12	Thomas Cook, Grand Manan, N.B.
97081	Carrie	Lunenburg	Schr—Glt	1890	La Have, N.S.	80 4	24 1	9 2	99	Malcolm Munroe, New Harris, N.S.
94646	Carrie C. W.	Victoria	Schr—Glt	1888	Mahone Bay, N.S.	76 4	23 6	9 1	92	Albert Berquist, Victoria, B.C.
121886	Carrie D.	Yarmouth	Sloop	1905	Cape Island, N.S.	32 0	11 0	6 0	10	Thomas Duncan, Cape Island, N.S.
91698	Carrie H.	St. John, N.B.	Schr—Glt	1890	Port Maitland, N.S.	47 2	15 0	6 1	20	Norman Harvey McGrath, Port Wade, N.S.
126119	Carrie L. Hirtle	Lunenburg	Schr—Glt	1909	Lunenburg, N.S.	101 2	25 3	10 4	99	C. Aubrey Anderson, M.O., Lunenburg, N.S.
133042	Carrie M.	Port Hawkesbury	Schr—Glt	1915	Port Hastings, N.S.	33 4	10 9	5 5	13	Lewis Reynolds, Port Hastings, N.S.
94643	Carrie M.C.	Lunenburg	Schr—Glt	1888	Mahone Bay, N.S.	55 7	18 3	7 4	39	Ernest Johnson, Peters Road, P.E.I.
100445	Carrie O.	Charlottetown	Schr—Glt	1883	Country Harbour, N.S.	33 0	11 5	5 5	12	George J. Visey, Charlottetown, P.E.I.

138759	Cashier	Halifax	Schr—Glt	1918	Sheet Harbour, N.S.	176	4	37	1	14	2	660	The Ship Glendovey Co., Ltd., Truro, N.S.
92566	Cassie M.	Halifax	Schr—Glt	1887	Sheet Harbour, N.S.	33	8	12	6	5	7	12	Wm. H. Munro, Sheet Harbour, N.S.
130996	Castalenno	Chatham, N.B.	Schr—Glt	1913	Caraquet, N.B.	48	0	14	8	6	9	28	Robin, Jones & Whitman, Ltd., Halifax, N.S.
103363	Castor	Quebec	Sloop	1894	Mille Vaches, Que.	55	2	16	8	5	2	31	J. Singelaise, Mille Vaches, Que.
72963	Cataract	Picton, Ont.	Schr—Glt	1874	Picton, Ont.	105	5	24	0	10	5	193	F. McGibbon, Sarnia, Ont.
134005	Catch Me	Chatham, N.B.	Schr—Glt	1914	Caraquet, N.B.	43	8	14	2	6	0	17	Pierre E. Le Bouthillier, Caraquet, N.B.
92519	Catherine	St. Andrews	Schr—Glt	1885	St. George, N.B.	26	0	11	4	6	0	13	Benjamin McKenzie, St. George, N.B.
111898	Catherine	Weymouth	Sloop	1905	Belliveau's Cove, N.S.	33	0	12	6	5	4	11	Medi Belliveau, Grosses Coques, N.S.
96799	Catherine A. C.	Halifax	Schr—Glt	1890	Dover, N.S.	42	5	14	5	5	3	17	Desire Marchand, Port Royal, N.S.
116505	Cavalier	Lunenburg	Schr—Glt	1904	La Have, N.S.	74	2	21	8	8	5	70	Ed. M. Hollett, Burin, Nfld.
121999	Cavalier	Lunenburg	Schr—Glt	1906	Lunenburg, N.S.	40	5	12	2	5	7	13	John Scott, East Dover, N.S.
138058	Cavel	Chatham, N.B.	Schr—Glt	1916	Lower Caraquet, N.B.	45	5	14	4	6	5	22	W. S. Loggie Co., Ltd., Chatham, N.B.
126570	[2]Cecil F.	Sydney, N.S.	Schr—Glt	1889	St. Pierre, Miq.	65	5	20	6	7	9	62	Stephen Fiander, North Sydney, N.S.
126586	Cecil L. Beck	Lunenburg	Schr—Glt	1910	Lunenburg, N.S.	104	6	25	8	10	5	93	William C. Smith, M.O., Lunenburg, N.S.
126919	Cecile B.	Halifax	Schr—Glt	1911	West Chezzetcook, N.S.	51	2	17	0	6	3	32	James Bellefontaine, M.O., West Chezzetcook, N.S.
96825	Cecilia W.	Halifax	Schr—Glt	1890	Vogler's Cove, N.S.	58	0	17	6	7	4	41	James Pelrine, M.O., Larrys River, N.S.
103271	Celia	Chatham, N.B.	Schr—Glt	1891	Caraquet, N.B.	35	4	12	1	4	8	11	D. Gallien, Caraquet, N.B.
88624	Celina	Windsor, Ont.	Scow—Chd	1884	Stony Point, Ont.	69	0	19	0	4	5	39	P. Forcier, Detroit, Mich., U.S.A.
138592	Celina K. Goldman	St. John N.B.	Schr—Glt	1918	St. Martins, N.B.	158	8	35	0	12	4	478	British Colonies Transportation Co., Ltd., Toronto, Ont.
107905	Centenial	St. Andrews	Sloop	1899	West Isles, N.B.	34	0	13	2	6	0	16	Loring Wilson, Grand Manan, N.B.
73950	Centennial	St. Catharines	Barge—Chd	1876	Port Robinson, Ont.	81	6	21	2	5	3	66	H. O. Brown, Welland, Ont.
130944	Cento	Lunenburg	Schr—Glt	1912	LaHave, N.S.	83	4	23	4	9	7	90	Norman Rafuse, M.O., La Have, N.S
126302	Central City	Montreal	Dredge-Drague	1905	Cornwall, Ont	79	0	26	8	6	6	157	Lyon Cohen, Montreal, Que.
103585	Cerdric	Chatham, N.B.	Schr—Glt	1896	Caraquet, N.B.	36	1	12	9	5	2	14	Phillip Rive, Caraquet, N.B.
122145	Cerita	Yarmouth	Sloop	1906	Tusket Wedge, N.S.	30	0	11	0	6	0	10	Luke C. Deveau, Salmon River, N.S.
130417	[3]Chambly	Montreal	Barge—Chd	1871 1910	Sorel, Que. Sorel, Que.	154	0	24	8	7	0	218	Grant Cooper, Toronto, Ont.
	Champion	Windsor, Ont.	Scow—Chd	1872	River Puce, Ont.	66	8	18	0	5	2	50	Albert Sharon, Belle River, Ont.
116652	Champion	Yarmouth	Schr—Glt	1904	Yarmouth, N.S.	47	4	15	6	7	1	29	James O'Donnell, Dipper Harbour, N.B.
126320	Championess	Montreal	Scow—Chd	1902	Lachine, Que.	120	7	30	8	8	3	263	Montreal Sand & Gravel Co., Ltd., Montreal, Que.
138423	Chandry	Paspebiac	Schr—Glt	1916	Grand River, Que.	38	7	12	9	4	0	11	Robin, Jones & Whitman, Limited, Halifax, N.S.
103436	Chapeau	Ottawa	Barge—Chd	1889	Buckingham, Que.	63	0	19	8	5	0	42	W. J. Poupore, Westmount, Que.
122188	Charles A. H.	Arichat	Schr—Glt	1909	West Arichat, N.S.	35	0	10	5	5	0	10	Frank Walsh, North Sydney, N.S.
138555	Charles A. Ritcey	Lunenburg	Schr—Glt	1917	Meteghan, N.S.	138	0	32	6	12	0	360	Colin D. Ritcey, M.O., Lunenburg, N.S.
130287	Charles Boone	St. Catharines	Dredge-Drague	1914	Welland, Ont.	100	0	40	0	9	7	529	The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.
121654	Charles E.	Yarmouth	Sloop	1904	Shag Harbour, N.S.	35	5	12	5	6	0	13	Joseph Ward, Yarmouth, N.S.
126226	Charles E. Stoody, No. 1.	Sarnia	Scow—Chd	1908	Sarnia, Ont.	80	0	24	0	5	0	61	The Cleveland Sarnia Saw Mill Co., Ltd., Sarnia, Ont.
88295	Charles Edouard	Quebec	Sloop	1884	Cap St. Ignace, Que.	51	6	18	5	5	0	24	A. Boulliane, Bergeronnes, Que.
94704	Charles Haskell	Digby	Schr—Glt	1869	Essex, Mass, U.S.A.	72	0	21	2	7	3	60	A. Weatherbie and J. T. Matatall, Tatamagouche, N.S.
138793	Charles W. Dunn	Quebec	Barge—Chd	1889	Whitehall, N.Y., U.S.A.	96	1	17	0	7	0	97	Auger & Sons, Ltd., Quebec, Que.
83421	Charlie	Weymouth	Schr—Glt	1881	Weymouth, N.S.	30	0	10	4	4	6	10	W. H. Elridge, M. O., Sandy Cove, N.S.
96970	Charlie Richardson	Shelburne	Schr—Glt	1891	Shelburne, N.S.	43	4	16	9	6	6	26	C. R. Hupman, M. O., Summerville, N.S.
79746	Charlotte	Arichat	Schr—Glt	1879 1889	Hearts Delight, Nfld. Hearts Content, Nfld.	59	2	19	0	7	6	44	Philip and Charles Boudrot, Poulamon, N.S.
100784	Charlotte	Chatham, N.B.	Schr—Glt	1889	Caraquet, N.B.	38	2	12	1	5	1	13	Mrs. Sarah Young and F. T. B. Young, J. O., Caraquet, N.B.
92551	Charlotte	Ottawa	Barge—Chd	1888	Monte Bello, Que.	133	5	22	8	6	0	154	Joseph Wilson, Montreal, Que.
116294	Charlotte S.	Charlottetown	Schr—Glt	1902	Murray Harbour, P.E.I.	35	0	11	9	5	7	14	John Cassidy and Wm. A. Reid J.O., Westville, N.S.
116560	Charlotte S.	Maitland	Schr—Glt	1917	Minasville, N.S.	72	4	22	2	6	4	67	Noel Packet Co., Ltd., Noel, N.S.
103841	Chaudière	Ottawa	Barge—Chd	1896	Sturgeon Falls, Ont.	66	5	18	0	4	7	72	The French River & Nipissing Nav. Co., Ltd., Sturgeon Falls, Ont.
138835	Chautauqua	Lunenburg	Schr—Glt	1918	Liverpool, N.S.	137	1	32	8	12	2	354	Zwicker & Co., Ltd., *et al.*, Lunenburg, N.S.
126575	Cheticamp	Port Hawkesbury	Schr—Glt	1911	Cheticamp, N.S.	38	5	11	5	6	3	10	Patrick E. Aucoin, Cheticamp, N.S.
111836	Chevalier	Digby	Sloop	1901	Port Maitland, N.S.	32	5	10	7	6	0	11	Warren S. Sollows, Port Maitland, N.S.
112392	Chevoux	Ottawa	Barge—Chd	1902	Ottawa, Ont.	52	4	13	5	2	4	27	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
121842	Chiblow	Toronto	Barge—Chd	1903	Blind River, Ont.	83	0	23	5	2	7	79	Blind River Transportation Co., Ltd., Blind River, Ont

[2]Foreign name, "Helene." [3]Formerly a steamer. [4]Recovered wreck.

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
116876	Chief	St. Catharines	Dredge- Drague	1903	Port Robinson, Ont.	80 9	30 9	7 9	269	Canadian Dredging Co., Ltd., Midland, Ont.
67000	Chieftain	St. John, N.B.	Schr—Glt.	1874 / 1890	Waterborough, N.B.	74 0	26 3	6 5	72	John E. Moore, St. John, N.B.
127672	Chrissie C. Thomey	Ottawa	Schr—Glt.	1908	Burgeo, Nfld.	102 0	26 9	10 0	123	The Minister of the Naval Service Ottawa, Ont.
96730	Christina	Chatham, N.B.	Schr. Glt.	1888	Caraquet, N.B.	34 4	12 3	4 6	11	The C. Robin, Collas Co., Ltd., Halifax, N.S.
126379	Chum	Halifax	Sloop	1907	Mahone Bay, N.S.	29 6	7 3	4 2	3	Matthew R. Morrow, Halifax, N.S.
107707	Cincinatti	Toronto	Barge—Chd.	1895	Midland, Ont.	55 0	20 8	3 7	162	Benjamin A. Patterson, *et al.*, Oakville, Ont.
85536	Circassian	Yarmouth	Schr—Glt.	1883	Shelburne, N.S.	87 0	23 9	10 0	99	A. F. Stoneman, Yarmouth, N.S.
100533	Citizen	Digby	Schr—Glt.	1893	Bear River, N.S.	66 0	20 6	7 0	47	Randall Merriam, Port Greville, N.S.
122214	City Dredge No. 2.	Toronto	Dredge- Drague	1906	Toronto, Ont.	90 5	30 5	5 2	234	Corporation of the City of Toronto, Toronto, Ont.
107549	Clair	St. John, N.B.	Sloop	1897	North Head, Grand Manan, N.B.	38 2	13 6	4 0	11	Albert Henderson, Grand Harbour, Grand Manan, N.B.
92651	Clam Shell	St. Catharines	Dredge- Drague	1887	Tonawanda, N.Y., U.S.A.	80 0	20 0	7 0	62	F. B. McNamee, Montreal, Que.
90693	Clara L.	St. Catharines	Scow—Chd.	1885	Black Creek, Ont.	75 3	14 6	4 9	45	Wm. Hand, Port Dalhousie, Ont.
121820	Clare Lass	Digby	Sloop	1908	Church Point, N.S.	36 0	13 2	5 7	13	Auguste F. and Basile F. LeBlanc, Concession, N.S.
116826	Claremont A.	St. John, N.B.	Sloop	1901	Clarke's Harbour, N.S.	28 2	11 7	6 1	11	F. Thompson, Clarke's Harbour, N.S.
126809	Clarence Trahan	Yarmouth	Schr—Glt.	1911	Meteghan, N.S.	47 0	16 2	7 0	25	George M. Trahan, Meteghan, N.S.
83244	Claribell	Charlottetown	Sloop	1881	Charlottetown, P.E.I.	42 3	13 4	6 0	19	Charles Doucet, Cheticamp, N.S.
122050	Clarica and Myrtle	St. Andrews	Sloop	1906	Grand Manan, N.B.	36 0	13 2	6 2	20	Wm. J. Morse, Grand Manan, N.B.
107606	Clarisse	Barrington Passage.	Schr—Glt.	1900	Meteghan River, N.S.	64 0	22 0	8 5	55	Geo. L. Nickerson, M. O., Port Latour, N.S.
134405	Clarke L. Corkum	Lunenburg	Schr—Glt.	1914	La Have, N.S.	86 6	23 8	9 9	96	J. Norman Rafuse, M.O., La Have, N.S.
116891	Claude B. Daley	St. John, N.B.	Schr—Glt.	1901	Surette Island, N.S.	45 0	15 0	7 5	25	Herbert J. Mawhinney, Chance Harbour, N.S.
121681	Claymore	Yarmouth	Sloop	1904	Clarke's Harbour, N.S.	33 0	11 0	6 0	10	D. A. Gardner, Clarke's Harbour, N.S.
138245	Clayton W. Walters.	Lunenburg	Schr—Glt.	1916	Shelburne, N.S.	93 0	22 9	9 5	80	Stannage Walters, LaHave, N.S., M.O.
134334	Cleaver	Chatham, N.B.	Schr—Glt.	1914	Tignish, P.E.I.	33 2	11 5	5 0	12	Antoine Perry, Peterville, P.E.I.
111604	Cleeve 1	New Westminster	Barge—Chd.	1897	New Westminster, B.C.	51 0	14 0	3 5	19	The Cleeve Canning & Cold Storage Co., Ltd., Vancouver, B.C.
111605	Cleeve 2	New Westminster	Barge—Chd.	1897	New Westminster, B.C.	51 0	14 0	3 5	19	The Cleeve Canning & Cold Storage Co., Ltd., Vancouver, B.C.
111981	Cleeve No. 3	Vancouver	Scow—Chd.	1900	New Westminster, B.C.	80 0	25 8	6 0	205	The Cleeve Canning & Cold Storage Co., Ltd., Vancouver, B.C.
85980	Clifford C.	St. John N.B.	Schr—Glt.	1882	Rexton, N.B.	81 0	26 5	7 5	97	R. A. Cameron, St. John, N.B.
122187	Clifford May	Arichat	Schr—Glt.	1908	West Arichat, N.S.	56 6	18 1	8 0	43	Schuman Caine, Louisburg, N.S.
122315	Clintonia	Lunenburg	Schr—Glt.	1908	Lunenburg, N.S.	108 4	25 8	10 8	96	Gordon A. Corkum, *et al.*, La Have, N.S.
111569	Clorita	Toronto	Schr—Glt.	1898	New York, N.Y., U.S.A.	64 0	16 5	7 4	44	Geo. H. Gooderham, Toronto, Ont.

103551	Clovis	Montreal	Sloop	1895	St. Thomas, Que.	92	1	22	2	5 7	84	Philippe Joly, St. Anne de Sorel, Que.
122629	Cluster	Chatham, N.B.	Schr—Glt	1908	Rexton, N.B.	33	0	12	0	4 6	10	H. Bostarache, Buctouche, N.B.
122641	[1]Cobalt	Montreal	Schr—Glt	1873	Buffalo, N.Y., U.S.A.	146	6	26	6	11 4	307	The Atlas Sand Co., Ltd., Montreal, Que.
107929	Cobledick Dredge No.1	New Westminster	Dredge-Drague	1900	Lytton, B.C.	100	0	26	0	7 0	795	The "Cobledick Dredge No. 1" Co., Ltd., London, Eng.
103955	Cobourg	Montreal	Schr—Glt	1897	Kingston, Ont.	179	6	34	7	11 4	607	Montreal Transportation Co., Ltd., Montreal, Que.
85392	Colibri	Port Hawkesbury	Sloop	1884	Magdalen Islands, Que.	46	5	13	0	6 6	18	Murdock A. McDonald, South Cove, N.S.
131015	Colin	Quebec	Scow—Chd	1912	Quebec, Que.	122	2	21	4	8 5	198	Wm. Q. Stobo, Quebec, Que.
100359	Collinsie	Quebec	Schr—Glt	1889	Chicoutimi, Que.	64	0	20	4	6 7	57	Phileas Bouliane, Tadousac, Que.
74351	Col. Ellsworth	Quebec	Schr—Glt	1860	Essex, Mass., U.S.A.	77	4	22	6	7 6	78	Chas. and Elie Duchene, J. O., St. Irénée, Que.
131490	Colonel L	Montreal	Scow—Chd	1901	Sault Ste. Marie, Ont.	100	0	28	0	7 2	202	Quinlan & Robertson, Ltd., Montreal, Que.
74051	[2]Colonel Otter	Canso	Schr—Glt	1876	Barrington, N.S.	73	0	21	8	8 5	73	John J. Sangster, Guysboro', N.S.
111702	Colonia	Lunenburg	Schr—Glt	1901	Lunenburg, N.S.	97	2	25	6	9 7	98	Charles R. Steer, St. John's, Nfld.
111598	Colonial No. 3	New Westminster	Barge—Chd	1899	Steveston, B.C.	55	0	14	0	4 0	28	The Columbia Packing Co., Ltd., Vancouver, B.C.
88567	Columbia	Kingston	Barge—Chd	1885	Bedford Mills, Ont.	101	0	22	7	4 8	84	Benjamin Tett, Bedford Mills, Ont.
121694	Columbia	Barrington Passage	Sloop	1905	Tusket Wedge, N.S.	34	0	11	6	6 0	10	Lemuel C. Hines, Cape Is., N.S.
88387	Comet	Windsor, N.S.	Schr—Glt	1885	Cornwallis, N.S.	32	0	12	6	4 5	10	Thomas Carter, Red Head, N.B.
130954	Comet G	Lunenburg	Schr—Glt	1910	Tancook, N.S.	40	2	10	6	5 0	11	Herbert Little and James Little, Terrence Bay, N.S.
112325	Commodore	Halifax	Schr—Gtd	1902	Perreaux, N.S.	51	6	17	4	6 5	29	Geo. Windsor, Bathurst, N.B.
116983	Commodore Dewey	Kenora	Barge—Chd	1898	Kenora, Ont.	86	0	20	8	5 0	92	Herson E. Armstrong, Kenora, Ont.
138083	Compagnie Générale Hopper Scow No.1	Quebec	Scow—Chd	1910	Lauzon, Que.	99	0	25	0	10 2	135	La Compagnie Générale d'Entreprises Publiques, Lévis, Que.
138084	Compagnie Générale Hopper Scow No. 2	Quebec	Scow—Chd	1910	Lauzon, Que.	99	0	25	0	10 2	135	La Compagnie Générale d'Entreprises Publiques, Lévis, Que.
138085	Compagnie Générale Hopper Scow No. 3	Quebec	Scow—Chd	1911	Lauzon, Que.	99	0	25	0	10 2	135	La Compagnie Générale d'Entreprises Publiques, Lévis, Que.
138086	Compagnie Générale Hopper Scow No. 4	Quebec	Scow—Chd	1911	Lauzon, Que.	131	0	30	1	11 0	239	La Compagnie Générale d'Entreprises Publiques, Lévis, Que.
138087	Compagnie Générale Hopper Scow No. 5	Quebec	Scow—Chd	1911	Lauzon, Que.	131	0	30	1	11 0	239	La Compagnie Générale d'Entreprises Publiques, Lévis, Que.
74071	Condor	Halifax	Schr—Glt	1873	Chezzetcook, N.S.	46	5	14	8	6 2	22	Thos. Moulton, Burgeo, Nfld.
92553	Condor	Montreal	Barge—Chd	1888	Montreal, Que.	180	7	34	5	11 6	567	Alphonse A. Laroque, Montreal, Que.
116681	Conductor	Richibucto	Schr—Glt	1877	Essex, Mass., U.S.A.	75	5	22	0	7 5	51	Jas. H. Walker, Walkerville, N.S.
122031	Constance	Weymouth	Schr—Glt	1907	Grosses Coques, N.S.	62	0	18	8	6 1	42	Frank K. Warren, Halifax, N.S.
116413	Constance No. 1	Victoria	Barge—Chd	1904	Victoria, B.C.	42	0	12	0	4 0	13	Arthur R. Barrow, Hill Island, B.C.
134388	Continental	Sault Ste. Marie	Dredge-Drague		Cleveland, O., U.S.A.	71	0	28	0	7 5	209	Aaron Portnoy, Sault Ste. Marie, Ont.
133911	Contribution	Chatham, N.B.	Schr—Glt	1913	Caraquet, N.B.	31	7	10	2	4 5	11	Guillaume Chenard, Caraquet, N.B.
134088	Copper Queen	Vancouver	Scow—Chd	1914	Seattle, Wash., U.S.A.	56	8	22	5	10 4	106	The Granby Consolidated Mining, Smelting & Power Co., Ltd. Grand Forks, B.C.
134081	Coquitlam City	New Westminster	Schr—Glt	1914	Port Coquitlam, B.C.	196	0	41	0	13 0	922	Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.
103535	Cora Lee	Halifax	Schr—Glt	1867	Bath, Me., U.S.A.	67	2	18	9	6 4	49	R. Harrington, Sydney, N.S.
116734	Cora Lee	Halifax	Schr—Glt	1904	Beckerton, N.S.	44	8	13	5	6 3	16	Leonard Fisheries, Ltd., Montreal, Que.
	Coral	Oakville	Schr—Glt	1874	Oakville, Ont.	47	6	13	0	5 0	26	H. R. Fowler and W. J. Kivell, Port Credit, Ont.
111743	Corean	Magdalen Islands	Schr—Glt	1902	La Have, N.S.	76	8	22	4	9 0	70	Abram Depres, M. O., Grindstone, Magdalen Islands, Que.
88304	Corinne	Quebec	Schr—Glt	1884	St. Paul's Bay, Que.	52	0	17	4	5 4	30	E. Bluteau, Petite Rivière Charlebois, St. Francois, Que.
71163	[3]Corisande	Port Hope	Schr—Glt	1873	Marine City, Mich., U.S.A.	137	0	26	0	11 1	276	John C. Miller, Parry Sound, Ont.
126780	Cormier	Chatham, N.B.	Schr—Glt	1907	Aldouane, N.B.	30	0	12	0	5 0	10	Robert R. MacLean, Chatham, N.B.
111675	Cornwall	Parrsboro'	Schr—Glt	1901	Port Greville, N.S.	61	5	20	1	5 8	44	John A. Gregory, St. John, N.B.
80720	Coronation	Paspebiac	Schr—Glt	1902	Paspebiac, Que.	75	6	22	0	8 7	67	Robin, Jones & Whitman, Ltd., Halifax, N. S.
94942	Coronilla	Barrington Passage	Schr—Glt	1889	Sable River, N.S.	53	0	15	0	6 0	28	S. V. Melanson, *et al.*, Granville, N.S.
97258	Corporal Trim	Charlottetown	Schr—Glt	1860	Essex, Mass, U.S.A.	68	6	19	9	7 5	57	Alexander Ryan, Millville, N.S.
103083	Corsair	Chatham, N.B.	Schr—Glt	1893	Caraquet, N.B.	33	6	12	0	4 8	10	T. Ahier, Shippigan, N.B.
96868	[4]Coteau	Montreal	Barge—Chd	1897 1909	Toronto, Ont. Kingston, Ont.	157	6	27	0	11 0	411	The Montreal Transportation Co., Ltd., Montreal, Que.
103368	Courageux	Quebec	Sloop	1895	Les Escoumains, Que.	59	2	19	2	5 4	37	Jacques Saingelais, jr., Les Escoumains, Que.
83295	Craftsman	Kingston	Barge—Chd	1883	Kingston, Ont.	99	0	16	6	5 1	65	T. Mills, Kingston, Ont.
71277	Craftsman	Kingston	Schr—Glt	1873	Port Burwell, Ont.	132	0	25	8	10 4	266	John Strong, Port Elgin, Ont.

[1]Foreign name "E. P. Beals". [2]Formerly "Kate McKinnon". [3]Foreign name "Star." [4]Formerly "Belle,"

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138137	Crane Island	Quebec	Schr—Glt	1915	Ile-aux-Grues, P.Q.	67 0	24 2	6 6	57	Jean B. Bernier, Ile-aux-Grues, Que.
100345	Crescent	Maitland	Schr—Glt	1902	Lower Selmah, N.S.	86 6	25 6	8 5	99	W. C. Balcom Co., Ltd., Hantsport, N.S.
103324	Cricket	Port Hawkesbury	Schr—Glt	1899	Port Hawkesbury, N.S.	36 0	10 4	6 3	10	Richard H. Brown, Sydney Mines, N.S.
122428	Crouzier B.	Halifax	Schr—Glt	1908	Chezzetcook, N.S.	50 0	16 9	6 0	26	Joseph Bellefountaine, M. O., Chezzetcook, N.S.
64710	Crown Prince	Port Hawkesbury	Schr—Glt	1871	Port Hawkesbury, N.S.	42 0	14 6	5 7	19	T. C. Cook, Port Mulgrave, N.S.
88290	Crusoe	St. Andrews	Schr—Glt	1886	St. Andrews, N.B.	30 9	12 4	5 6	13	Jos. Boyd, Campobello, N.B.
71153	[3]Cuba	Montreal	Barge—Chd	1875	Kingston, Ont.	168 7	25 6	11 0	386	George Hall Coal Company of Canada, Ltd., Montreal, Que.
122152	Cumulus	Vancouver	Sloop	1906	Harrison Hot Springs, B.C	39 7	14 0	5 9	23	Ezekiel G. Warde, Harrison Hot Springs, B.C.
137871	Cupola	Yarmouth	Schr—Glt	1915	La Have, N.S.	72 0	22 4	8 8	73	Edgar B. Erhgott, Yarmouth, N.S.
103181	Curlew	Barrington Passage	Schr—Glt	1895	Shelburne, N.S.	75 0	19 6	8 5	63	Mrs. and Mr. Thos. E. Worthen, Barrington, N.S.
116215	Curlew	Quebec	Yawl—Yole	1899	Quebec, Que.	46 8	14 3	5 4	23	Herbert, Kenneth and Percival Molson, J. O., Montreal, Que.
133920	Cute	Chatham, N.B.	Schr—Glt	1913	Lamek, N. B.	34 0	11 0	4 8	12	Joseph X. Poulin, Lamek, N.B.
134451	Cyclone	Toronto	Dredge—Drague	1914	Toronto, Ont.	170 0	42 1	12 0	911	Glyn Osler and Miller Lash, J. O., Toronto, Ont.
100916	Cygnet	Chatham, N.B.	Schr—Glt	1887	Caraquet, N.B.	38 3	12 3	5 0	12	The C. Robin, Collas Co., Ltd., Halifax, N.S
126714	[4]Cynthia W.	St. John, N.B.	Dredge—Drague	.....	U.S.A.	114 3	48 3	7 8	679	The Maritime Dredging & Construction, Co., Ltd., St. John, N.B.
100971	Cyprian	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	36 6	12 8	4 4	10	E. Sivret, Caraquet, N.B.
77633	[5]Cyrenian	Sarnia	Schr—Glt	1879	Garden Island, Ont.	135 0	26 0	10 6	293	Edward Kelly, Wallaceburg, Ont.
138761	Cyril T.	Halifax	Schr—Glt	1918	River John, N.S.	92 0	27 0	9 0	117	William H. Hebb, Halifax, N.S.
107821	Czar No. 1	Victoria	Scow—Chd	1899	Union, B.C.	92 0	27 4	7 0	143	Wellington Colliery Co., Ltd., Victoria, B.C.
130836	D. 3	Port Arthur	Scow—Chd	1911	Fort William, Ont.	80 0	28 0	5 0	104	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
130837	D. 4	Port Arthur	Scow—Chd	1910	Fort William, Ont.	75 0	28 0	5 5	98	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont
116374	D. 5	Port Arthur	Dredge—Drague	1897	Duluth, Minn., U.S.A.	85 0	30 0	8 5	210	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138010	D. 10	Port Arthur	Scow—Chd	1912	Fort William, Ont.	90 0	35 0	8 0	245	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
126675	D. 25	Port Arthur	Scow—Chd	1909	Fort William, Ont.	94 0	24 0	7 8	149	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
126676	D. 26	Port Arthur	Scow—Chd	1909	Fort William, Ont.	95 6	24 0	7 6	149	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
116375	D. 30	Port Arthur	Scow—Chd	1897	Duluth, Minn., U.S.A.	70 0	21 0	10 0	147	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
116376	D. 32	Port Arthur	Scow—Chd	1897	Duluth, Minn., U.S.A.	90 0	29 0	9 5	231	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
126677	D. 34	Port Arthur	Scow—Chd	1909	Port Arthur, Ont.	121 5	29 0	9 2	272	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
126678	D. 35	Port Arthur	Scow—Chd	1909	Port Arthur, Ont.	122 4	28 8	9 4	278	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
126679	D. 38	Port Arthur	Scow—Chd	1910	Port Arthur, Ont.	149 0	36 0	15 5	675	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
126680	D. 39	Port Arthur	Scow—Chd	1910	Port Arthur, Ont.	149 0	36 0	15 5	675	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
130831	D. 40	Port Arthur	Scow—Chd	1909	Port Arthur, Ont.	151 0	36 0	10 8	502	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
130832	D. 41	Port Arthur	Scow—Chd	1909	Port Arthur, Ont.	135 5	36 0	10 8	445	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.

130833	D. 42	Port Arthur	Scow—Chd	1909	Port Arthur, Ont.	135 5	36 0	10 8	444	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
130834	D. 43	Port Arthur	Scow—Chd	1910	Fort William, Ont.	149 0	36 0	15 5	675	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
130835	D. 48	Port Arthur	Scow—Chd	1910	Fort William, Ont.	149 0	36 0	15 5	675	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138011	D. 50	Port Arthur	Scow—Chd	1912	Fort William, Ont.	150 0	37 0	12 0	648	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138012	D. 51	Port Arthur	Scow—Chd	1912	Fort William, Ont.	150 0	37 0	12 0	648	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138013	D. 60	Port Arthur	Scow—Chd	1912	Fort William, Ont.	55 2	17 0	4 0	35	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138014	D. 61	Port Arthur	Scow—Chd	1912	Fort William, Ont.	45 0	17 0	3 5	26	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138015	D. 62	Port Arthur	Scow—Chd	1910	Fort William, Ont.	32 2	15 5	3 5	16	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138016	D. 63	Port Arthur	Scow—Chd	1912	Fort William, Ont.	40 0	21 0	3 6	29	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138017	D. 64	Port Arthur	Scow—Chd	1912	Fort William, Ont.	75 0	29 0	6 0	106	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138018	D. 65	Port Arthur	Scow—Chd	1912	Fort William, Ont.	73 0	21 0	5 5	79	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138019	D. 67	Port Arthur	Scow—Chd	1912	Fort William, Ont.	77 0	21 2	6 5	101	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
138020	D. 75	Port Arthur	Scow—Chd	1912	Fort William, Ont.	125 0	33 0	11 0	440	Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
138841	D. 76	Port Arthur	Scow—Chd	1912	Fort William, Ont.	71 0	21 2	5 5	103	Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
138842	D. 79	Port Arthur	Scow—Chd	1912	Fort William, Ont.	110 0	37 0	9 7	384	Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
138843	D. 85	Port Arthur	Scow—Chd	1912	Fort William, Ont.	36 0	15 6	3 0	16	Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
138841	D. 86	Port Arthur	Scow—Chd	1912	Fort William, Ont.	100 0	33 0	9 2	294	Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
138845	D. 87	Port Arthur	Scow—Chd	1912	Fort William, Ont.	100 0	33 0	9 2	294	Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
138846	D. 88	Port Arthur	Scow—Chd	1912	Fort William, Ont.	60 0	26 0	5 0	75	Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
138847	D. 89	Port Arthur	Scow—Chd	1912	Fort William, Ont.	78 0	27 0	6 5	132	Thunder Bay Contracting Co., Ltd., Port Arthur, Ont.
138366	D. G. 1	Vancouver	Scow—Chd	1913	Eburne, B.C.	90 7	32 0	7 0	163	Nicomen Gravel Co., Ltd., Vancouver, B.C.
131029	D. G. 3	Vancouver	Scow—Chd	1911	Eburne, B.C.	79 0	32 2	4 4	182	Nicomen Gravel Co., Ltd., Vancouver, B.C.
133712	D. G. 4	Vancouver	Scow—Chd	1912	Eburne, B.C.	81 8	32 0	9 0	242	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C
133849	D. G. No. 7	Vancouver	Scow—Chd	1911	Vancouver, B.C.	60 0	26 0	4 0	161	Pacific Mills, Ltd., Vancouver, B.C.
133866	D. G. No. 8	Vancouver	Scow—Chd	1913	Eburne, B.C.	39 0	14 5	4 0	38	Nicomen Gravel Co., Ltd., Vancouver, B.C.
111489	D. T	Quebec	Schr—Glt	1900	Portneuf, Que.	75 6	22 4	7 2	75	Alfred Lavoie, M.O., Petite Riviere St. Francois, Que.
88418	D. W. B	St. John, N.B	Schr—Glt	1884 1914	Westfield, N.B. Goose Creek, N.B.	88 9	26 8	8 3	124	Wm. T. Robinson, New York, N.Y., U.S.A.
130795	D. W. No. 1	Vancouver	Scow—Chd	1911	New Westminster, B.C.	104 8	35 0	6 7	209	Granby Consolidated Mining Smelting & Power Co., Ltd., Vancouver, B.C
138267	D. B. Freres	Quebec	Schr—Glt	1915	Petite Riviere St. Francois, Que.	66 6	24 4	7 9	68	Edgar Truchon, St. Fidele, Que.
126033	D. C. Mulhall	Halifax	Schr—Glt	1907	Liverpool, N.S.	70 5	18 4	7 1	42	Geo. Pelham and William Pelham, Herring Cove, N.S.
121683	D. E. Nickerson	Yarmouth	Sloop	1904	Barrington, N.S.	33 0	11 3	6 0	10	J. L. Nickerson, Clarke's Harbour, N.S.
116806	D. N. Laroche	Sorel	Barge—Chd	1905	Sorel, Que.	105 8	23 3	7 6	140	Victor (son of Nazaire) Laroche, Sorel, Que.
126228	D. P. Dobbins	Toronto	Schr—Glt	1863	Cleveland, Ohio, U.S.A.	164 0	32 0	12 0	421	Point Anne Quarries, Ltd., Toronto, Ont.
121950	D. Gill	Quebec	Sloop	1906	Pierreville, Que.	107 6	23 2	7 2	117	Auger & Son, Ltd., Quebec, Que.
83368	D. Talbot	Quebec	Schr—Glt	1881	Kegaska, Que.	33 0	11 5	4 4	10	Désiré Talbot, Natashquan, Que.
130939	D'Arcy Leamy	Montreal	Scow—Chd	1912	Montreal, Que.	100 1	27 9	7 0	154	Quinlan & Robertson, Ltd., Montreal, Que.
100913	Daffodil	Chatham, N.B	Schr—Glt	1891	Caraquet, N. B.	35 6	12 7	4 4	10	T. Ahier, Shippigan, N.B.
112221	Dahinda	St. John, N.B	Schr—Glt	1902	St. John, N.B.	54 4	18 3	6 7	36	Charles R. Morton, Centreville, N.S.
107758	Daisy	Charlottetown	Schr—Glt	1901	Cascumpec, P.E.I.	42 4	12 9	4 7	13	John Agnew, Alberton, P.E.I.
92584	Daisy	Charlottetown	Schr—Glt	1890	Mal Bay, Que.	63 4	21 0	9 2	70	Albert J. Moran, Gaspé, Que.
88455	Daisy	Halifax	Sloop	1884	Dartmouth, N.S.	38 8	12 6	5 5	15	Alfred E. Jones, Halifax, N.S.
103496	[6]Daisy	Quebec	Schr—Glt	1895	Shelburne, N.S.	92 0	24 0	9 5	98	Joseph Blais, Berthier (en bas,) Que.
100088	Daisy	St. John, N.B	Schr—Glt	1892	Westfield, N.B.	61 7	18 9	4 6	45	Thos. A. Farris, Waterborough, N.B.
100890	Daisy	St. John, N.B	Schr—Glt	1894	St. John N.B.	47 7	15 9	4 1	25	R. A. Elliott, St. John, N.B.
103180	Daisy	Shelburne	Schr—Glt	1895	Green Harbour, N.S.	32 0	10 1	4 8	10	J. E. Lloyd, Brighton, N.S.
90427	Daisy Vaughn	Liverpool	Schr—Glt	1886	Barrington, N. S.	69 0	22 0	7 5	71	Collin M. and John A. Colford, Port Malcolm, N.S.
88571	Dakota	Montreal	Barge—Chd	1885	Garden Island, Ont.	170 4	30 6	11 9	516	Alphonse A. Laroque, Montreal, Que.
100655	Dandy	Kingston	Barge—Chd	1894	Seeley's Bay, Ont.	80 7	17 9	4 6	40	The Capital Sand & Brick Co., Ltd., Ottawa, Ont.
126802	Dandy K	St. John, N.B	Sloop	1910	Yarmouth, N.S.	35 6	11 7	5 9	12	Waller D. Wilson, Lorneville, N.B.
138399	Daniel Getson	Lunenburg	Schr—Glt	1917	Bridgewater, N.S.	132 6	32 0	11 6	295	Daniel Getson, M.O., LaHave, N.S.
122462	Daniel S	Yarmouth	Sloop	1906	Cape Island, N.S.	32 0	10 6	6 0	10	Albert P. Ross, Cape Island, N.S.
85663	Daring	Halifax	Schr—Glt	1880	Sambro, N.S.	44 2	14 7	3	18	Charles Slaunwhite, Terence Bay, N.S.
107703	Darrow	Toronto	House-Boat	1897	Penetanguishene, Ont.	49 5	20 0	2 6	91	David Davidson, Penetanguishene, Ont.
59470	Dart	Pictou, N.S	Schr—Glt	1871 1895	Mahone Bay, N.S.	58 3	18 9	7 5	44	W. C. Forgeron, West Arichat, N.S.
126947	David Evans	Victoria	Schr—Glt	1901	Marshfield, Ore., U.S.A.	200 4	40 0	15 3	748	The David Evans Shipping Co., Ltd., Vancouver, B.C.

[3]Formerly a steamer. [4]Foreign name "Cynthia". [5]Formerly "Prussia". [6]Formerly "Loreana Maud."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners— propriétaires conjoints; **M.O.**, Managing owner— propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Manager Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
100884	David Lynch	St. John, N.B.	Schr—Glt	1891	St. John, N.B.	83 0	21 1	8 3	65	Thomas J. Stone, *et al.*, St. John, N.B.
124244	David Moran	Toronto	Scow—Chd	1901	West Bay City, Mich., U.S.A.	160 0	35 0	8 0	491	Point Anne Quarries, Ltd., Toronto, Ont.
107698	Davie	Toronto	House-boat	1896	Penetanguishene, Ont.	46 0	20 0	2 6	81	David Davidson, Penetanguishene, Ont.
96750	Dawn	St. John, N.B.	Schr—Glt	1889	Upper Gagetown, N.B.	39 2	12 8	4 6	12	Chas. L. Currier, Upper Gagetown, N.B.
100605	Dawn	Yarmouth	Schr—Glt	1893	Shelburne, N.S.	66 0	17 8	7 6	51	Henry A. Amiro, Yarmouth, N.S.
138831	Dazzle	Lunenburg	Schr—Glt	1918	Mahone Bay, N.S.	105 8	26 3	10 8	99	James J. McKay and William Campbell, St. John's, Nfld.
107230	De Champlain	Quebec	Barge—Chd	1897	St. Irénée, Que.	99 7	22 5	7 3	154	Louis Gauthier, St. Irénée, Que.
107058	Defender	Barrington Passage	Schr—Glt	1901	Coffin's Croft, N.S.	48 0	14 9	5 9	20	Stanley E. Ellis, M.O., Cape St. Marys, N.S.
111711	Defender	Lunenburg	Schr—Glt	1901	Mahone Bay, N.S.	95 6	25 4	10 0	98	Wm. G. Kearley, Belloram, Nfld.
103063	Defender	Yarmouth	Schr—Glt	1895	Pubnico, N.S.	43 2	14 7	6 1	20	Everett B., and Frederick Nickerson, Yarmouth, N.S.
92503	Defiance	St. Andrews	Schr—Glt	1884	Lubec, Me., U.S.A.	33 0	12 8	7 0	17	F. Calder, Campobello, N.B.
131177	Delawana	Lunenburg	Schr—Glt	1913	Lunenburg, N.S.	106 8	26 3	10 4	95	Benjamin Cook, M.O., Rose Bay, N.S.
126907	Delima	Halifax	Schr—Glt	1909	Amherst, Mag. Islands, Que.	42 9	15 2	5 7	17	Mrs. Bertie Leslie, Halifax, N.S.
111507	Della B.	St. John, N.B.	Schr—Glt	1900	Greenwich, N.B.	56 0	17 4	5 6	43	Allan J. Wheaton, St. John, N.B.
103118	Della F. Tarr	St. Andrews	Schr—Glt	1883	Salem, Mass., U.S.A.	56 0	17 0	5 7	34	Chas. Abriel, Spry Bay, N.S.
90855	Delta	Charlottetown	Schr—Glt	1886	Lunenburg, N.S.	44 4	16 2	7 0	25	A. J. McFayden, Tignish, P.E.I.
107699	Delta	Toronto	House-boat	1898	Penetanguishene, Ont.	47 0	20 0	3 0	74	David Davidson, Penetanguishene, Ont.
100277	Delta	Windsor, N.S.	Schr—Glt	1892	Kempt, N.S.	118 3	30 5	11 9	287	John W. Baxter, Canning, N.S.
126091	Delver No. 1	St. Catharines	Dredge Dragué	1908	Welland, Ont.	100 0	37 0	6 5	305	Dominion Dredging, Co., Ltd., Ottawa, Ont.
130567	Denton S.	Lunenburg	Schr—Glt	1908	Tancook, N.S.	36 0	10 8	5 2	11	Charles Scott, Indian Harbour, N.S.
134488	Derrick No. 8	Montreal	Scow—Chd	1915	Montreal, Que.	90 0	31 3	6 4	282	Harbour Commissioners of Montreal, Montreal, Que.
122267	Derrick Scow No. 1	Montreal	Scow—Chd	1906	Montreal, Que.	94 5	24 9	5 7	110	The Montreal Sand & Gravel Co., Ltd., Montreal, Que.
107314	Despatch	Halifax	Schr—Glt	1894	Halifax, N.S.	27 4	9 4	4 0	6	George E. Francklyn, jr., Halifax, N.S.
83492	Dessie	Liverpool	Schr—Glt	1882	Brooklyn, N.S.	32 6	11 0	5 1	11	Amasa H. Fiske, Lockeport, N.S.
80986	Diamond	Halifax	Schr—Glt	1882	Guysboro', N.S.	80 6	24 0	9 4	98	Arthur and Wilfred Forest, J.O., West Arichat, N.S.
107407	Diamond	Quebec	Barge—Chd	1899	St. Thomas de Pierreville, Que.	138 6	28 3	12 6	381	Adelard Chevrier, St. Joseph de Sorel, Que.
103934	Diamond Jubilee	Paspebiac	Schr—Glt	1897	Caraquet, N.B.	55 0	17 0	6 5	32	W. Martell, Main-à-Dieu, N.S.
94811	Diana	Victoria	Schr—Glt	1889	Victoria, B.C.	65 2	19 9	7 1	50	Sidney Canning Co., Ltd., Sidney, B.C.
97089	Dictator	Charlottetown	Schr—Glt	1890	Lunenburg, N.S.	76 0	23 6	9 4	78	Johnston P. Reinhardt, Liverpool, N.S.
90834	Diego	Port Medway	Schr—Glt	1895	East Port Medway, N.S.	48 0	16 3	6 8	27	Richard C. Smith, Halifax, N.S.
103864	Dione	Halifax	Sloop	1898	Dartmouth, N.S.	42 8	8 4	5 5	6	G. F. Pearson, Halifax, N.S.
103076	Dipper	Chatham N.B.	Schr—Glt	1893	Shippigan, N.B.	37 5	12 2	5 0	12	W. S. Loggie Co., Ltd., Chatham, N.B.

96826	Director	Victoria	Schr—Glt	1890	Lunenburg, N.S.	75	0	23	5	9	0	87	Albert Berquist, Victoria, B.C.
92515	Dispute	St. Andrews	Schr—Glt	1879	St. George, N.B.	30	0	12	0	6	4	13	E. R. Patch, Campobello, N.B.
130982	Dit-On	Chatham, N.B.	Schr—Glt	1912	Caraquet, N.B.	35	0	13	0	4	7	12	John Poirier, Caraquet, N.B.
107706	Dixie	Toronto	House-boat	1898	Penetanguishene, Ont.	50	0	22	0	3	0	97	David Davidson, Penetanguishene, Ont.
138295	Dks. No. 1	Vancouver	Scow—Chd	1913	North Vancouver, B.C.	69	3	30	0	7	5	141	John F. Deeks, Vancouver, B.C.
138296	Dks. No. 2	Vancouver	Scow—Chd	1913	North Vancouver, B.C.	69	3	30	0	7	5	142	John F. Deeks, Vancouver, B.C.
140905	Dollar I	Vancouver	Scow—Chd	1918	Rosslyn, B.C.	94	4	35	9	7	5	216	Canadian Robert Dollar Co., Ltd., Vancouver, B.C.
141021	Dollar II	Vancouver	Scow—Chd	1911	New Westminster, B.C.	89	2	30	0	7	3	167	Canadian Robert Dollar Co., Ltd., Vancouver, B.C.
141124	Dollar IV	Vancouver	Scow—Chd	1918	Dollarton, B.C.	95	2	36	7	7	1	214	Canadian Robert Dollar Co., Ltd., Vancouver, B.C.
83027	Dolly Morden	Wallaceburg	Barge—Chd	1881	Dresden, Ont.	120	7	26	1	9	0	198	G. H. Morden, Oakville, Ont.
38418	Dolphin	Arichat	Schr—Glt	1861	Cheticamp, N.S.	59	1	17	4	7	0	36	A. H. Morrison, Guysboro', N.S.
103532	Dolphin	Halifax	Schr—Glt	1895	Sheet Harbour, N.S.	44	7	14	0	6	0	21	J. T. Thomson, Halifax, N.S.
80030	Dolphin	St. John, N.B.	Schr—Glt	1880	Salmon Bay, N.B.	58	5	20	9	5	3	36	Gideon Justason, Pennfield, N.B.
107701	Dolphin	Toronto	House-boat	1880	Penetanguishene, Ont.	46	0	20	0	2	6	71	David Davidson, Penetanguishene, Ont.
107797	Domain	St. John, N.B.	Schr—Glt	1896	Cambridge, N.B.	78	8	25	8	7	0	91	Robinson, Wright & Co., Ltd., *et al.*, Shulee, N.S.
126319	Dombrico No. 1	Montreal	Scow—Chd	1908	Lachine, Que.	123	1	39	3	9	4	352	Dominion Barging Co., Ltd., Lachine.
126698	Dombrico No. 2	Montreal	Scow—Chd	1909	Lachine, Que.	87	4	37	8	8	4	323	Roger Miller & Co. (P.E.I.), Ltd., Toronto, Ont.
130398	Dombrico No. 4	Montreal	Scow—Chd	1910	Lachine, Que.	100	0	37	6	6	0	183	Dominion Barging Co., Ltd., Lachine, Que.
130539	Dombrico No. 5	Montreal	Scow—Chd	1911	Lachine, Que.	98	9	38	4	7	4	226	Gilbert E. Fauquier, Ottawa, Ont.
130540	Dombrico No. 6	Montreal	Scow—Chd	1911	Lachine, Que.	98	9	38	4	7	4	226	Gilbert E. Fauquier, Ottawa, Ont.
131110	Domincoal No. 2	Montreal	Scow—Chd	1900	Chicago, Ill., U.S.A.	138	1	31	8	6	2	234	Dominion Coal Co., Ltd., Sydney, N.S.
116383	[1]Dominion	Port Arthur	Dredge—Drague	1905	Port Arthur, Ont.	114	0	43	5	12	0	951	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
121987	Dominion No. 1	Victoria	Barge—Chd	1890	Vancouver, B.C.	72	0	23	0	6	0	47	John J. Goodwin, Victoria, B.C.
122143	Dominion No. 4	St. John, N.B.	Dredge—Drague	1906	Boston, Mass., U.S.A.	109	7	41	2	8	3	538	The Dominion Dredging Co., Ltd., Ottawa, Ont.
107706	Don	Toronto	House-boat	1883	Penetanguishene, Ont.	45	0	20	0	3	5	86	David Davidson, Penetanguishene, Ont.
141034	Don No. 2	Vancouver	Scow—Chd	1912	Vancouver, B.C.	67	0	24	0	6	7	90	Herbert Goldie, Vancouver, B.C.
130258	Don Parsons	Windsor, N.S.	Schr Glt	1918	Cheverie, N.S.	154	1	31	2	12	4	427	Don Parsons, Ltd., Halifax, N.S.
134237	Don R	Montreal	Scow—Chd	1914	Montreal, Que.	120	2	28	1	8	5	225	Quinlan & Robertson, Ltd., Montreal, Que.
134403	Donald A. Creaser	Lunenburg	Schr—Glt	1914	Shelburne, N.S.	109	0	26	4	10	8	99	Ellison Creaser, M.O., LaHave, N.S.
138821	Donald J. Cook	Lunenburg	Schr—Glt	1918	Lunenburg, N.S.	112	9	26	3	10	4	100	Wm. J. Cook, M.O., LaHave, N.S.
130562	Donald L. Silver	Lunenburg	Schr—Glt	1911	Lunenburg, N.S.	105	6	25	8	10	5	94	Wm. Arenburg, M.O., Lunenburg, N.S.
112155	Dora	Chatham, N.B.	Schr—Glt	1901	Miscou, N.B.	31	0	11	3	4	5	10	Seraphin Dorion, Miscou, N.B.
103918	Dora	Chatham, N.B.	Schr—Glt	1899	Caraquet, N.B.	37	3	12	9	5	0	12	Robin, Jones & Whitman, Ltd., Halifax, N.S.
130729	Dora C.	Lunenburg	Schr—Glt	1911	Little Tancook, N.S.	40	4	10	0	5	6	12	Hugh Cleveland, Blandford, N.S.
121686	Dora Lee	Yarmouth	Sloop	1904	Tusket Wedge, N.S.	32	0	11	0	6	0	10	J. P. Cotreau, M.O., Tusket Wedge, N.S.
100168	Dora Siewerd	Victoria	Schr—Glt	1891	Lunenburg, N.S.	81	1	24	4	9	3	94	Andrew J. Bechtel, Victoria, B.C.
74280	Dorchester	Montreal	Barge—Chd	1876	Quebec, Que.	148	5	27	1	11	1	375	Alphonse A. Laroque, Montreal, Que.
122053	Dorie	Chatham, N.B.	Schr—Glt	1906	Shippigan Island, N.B.	35	0	12	3	4	4	10	Fabien Chiasson, (son of Fabien), Lamek, N.B.
126847	Dorilda	Quebec	Schr—Glt	1910	Petite Riviere St. Francois, Que.	82	3	24	5	7	3	68	Wilfred Dufour, La Petite Rivière St. Francois, Que.
103463	[2]Doris Hall	Halifax	Schr—Glt	1866	Castine, Me., U.S.A.	70	8	20	3	7	1	59	David Anderson, Charlottetown, P.E.I.
137885	Doris L. Corkum	Lunenburg	Schr—Glt	1915	Shelburne, N.S.	109	0	26	2	10	6	99	Zwicker & Co., Ltd., Lunenburg, N.S.
111899	Dorothy	St. John, N.B.	Schr—Glt	1905	Meteghan River, N.S.	62	0	19	4	6	6	49	Wm. Hill, *et al.*, Walton, N.S.
121882	Dorothy	Yarmouth	Sloop	1905	Barrington, N.S.	31	0	10	6	6	0	10	L. H. Smith, and J. Huskins, Port LaTour, N.S.
134406	Dorothy Adams	Lunenburg	Schr—Glt	1915	Lunenburg, N.S.	104	2	36	0	10	5	92	Henry W. Adams, M.O., Lunenburg, N.S.
117060	Dorothy Aleta	Canso	Schr—Glt	1907	White Haven, N.S.	36	0	11	2	5	6	11	Wesley Munroe, White Haven, N.S.
126112	Dorothy G	Lunenburg	Schr—Glt	1908	Tancook, N.S.	46	4	12	7	6	6	17	John J. McKenzie, Canso, N.S.
126874	Dorothy M. Smart	Digby	Schr—Glt	1910	Shelburne, N.S.	90	0	22	9	9	9	93	The Maritime Fish Corporation, Ltd., Montreal, Que.
137872	Dorothy P. Sarty	Lunenburg	Schr—Glt	1915	Shelburne, N.S.	93	0	23	0	9	9	77	Fraser Gray, *et al.*, La Have, N.S.
134141	Dorval Ferry	Montreal	Scow—Chd	1913	Sorel, Que.	50	2	25	0	2	4	45	The Dorval Island Service Co., Ltd., Montreal, Que.
134408	Douglas B. Conrad	Lunenburg	Schr—Glt	1914	Shelburne, N.S.	93	0	23	0	9	9	76	Joseph E. Conrad, M.O., LaHave, N.S.
100999	Dove	Chatham, N.B.	Schr—Glt	1891	Shippigan, N.B.	33	6	12	3	4	8	10	T. Ahier, Shippigan, N.B.
117145	Dove	Halifax	Schr—Glt	1905	Petpiswick, N.S.	35	0	11	5	4	8	10	George M. Donaldson, Eastern Passage, N.S.
117022	Dove	Sydney, N.S.	Schr—Glt	1901	New Campbelton, N.S.	67	1	18	8	7	2	49	Jas. T. Burchell, Port Morien, N.S., and Angus Campbell, Big Bras d'Or, N.S.
94721	Dove	Windsor, N.S.	Schr—Glt	1888	Cornwall, N.S.	43	0	12	7	4	8	17	R. George, Parrsboro', N.S.
125976	Dragon Rouge	Toronto	Dredge—Drague	1908	Toronto, Ont.	86	0	22	6	7	9	203	John E. Russell, Toronto, Ont.
140867	Dralim	Liverpool	Schr—Glt	1918	Brooklyn, N.S.	126	9	32	9	12	8	379	Southern Shipping Co., Ltd., Liverpool, N.S.

[1]Foreign name "Scow No. 2." [2]Formerly "D.F. Patchin."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918

(*) Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
92597	Dread Not	Sydney, N.S.	Schr—Glt	1888	Little Bras d'Or, N.S.	34 4	13 3	5 1	10	Andrew Walsh, Little Bras d'Or, N.S.
116671	Dreadnaught	St. Andrews	Sloop	1896	Quaco, N.B.	33 4	13 8	6 0	18	Eaton Green, Grand Manan, N.B.
74326	Dreadnaught	St. John, N.B.	Schr—Glt	1877	Richmond, N.S.	46 6	16 0	5 5	20	Clarence Irvin, Cornwallis, N.S.
74357	Dreadnot	Halifax	Schr—Glt	1877	Brulé, N.S.	51 0	17 8	6 3	28	Reuben Smith, Cape Sable Island, N.S.
126791	Dredge Barnston	New Westminster	Dredge—Drague	1910	New Westminster, B.C.	60 0	20 0	4 7	52	The Corporation of the Tp. of Richmond, B.C., Eburne, B.C.
111972	Dredge Frank	Port Arthur	Dredge—Drague	1892	Bay City, Mich., U.S.A.	78 5	28 0	7 0	154	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
107193	Dredge Hackett	Southampton	Dredge—Drague	1897	Wiarton, Ont.	62 0	22 3	6 0	50	C. M. Bowman, *et al.*, Southampton, Ont.
125974	Dredge Holland	Toronto	Dredge—Drague	1906	Belle Ewart, Ont.	63 7	29 0	5 0	230	The Minister of Railways and Canals, Ottawa, Ont.
122174	Dredge No. 1	Port Arthur	Dredge—Drague	1903	Port Arthur, Ont.	65 0	24 0	8 0	176	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
117102	Dredge No. 2	Montreal	Dredge—Drague		U.S.A.	84 0	29 5	8 3	247	Lazarus Cohen, Montreal, Que.
121847	Dredge No. 3	Toronto	Dredge—Drague	1872	Buffalo, N.Y., U.S.A.	75 2	24 0	6 0	108	Fallon Bros., J. O., Cornwall, Ont.
107881	Dredge No. 4	Montreal	Dredge—Drague	1899	Lévis, Que.	90 0	36 1	9 3	436	Harbour Commissioners of Montreal, Montreal, Que.
116242	Dredge No. 5	Sault Ste. Marie	Dredge—Drague	1896	Buffalo, N.Y., U.S.A.	76 0	28 6	8 0	174	The Soo Dredging & Construction Co., Ltd., Sault Ste. Marie, Ont.
112010	Dredge No. 6	Port Arthur	Dredge—Drague	1891	Duluth, Minn., U.S.A.	90 0	24 0	8 4	313	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
122173	Dredge No. 7	Port Arthur	Dredge—Drague		Duluth, Minn., U.S.A.	98 0	30 0	8 0	235	Robert Weddell, *et al.*, Trenton, Ont.
116384	Dredge No. 8	Port Arthur	Dredge—Drague	1888	Duluth, Minn., U.S.A.	96 0	36 0	9 5	415	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
116241	(*)Dredge No. 8	Sault Ste. Marie	Dredge—Drague	1894	Buffalo, N.Y., U.S.A.	82 0	30 0	7 6	187	The Soo Dredging & Construction Co., Ltd., Sault Ste. Marie, Ont.
107593	Dredge No. 9	Owen Sound	Dredge—Drague		Lockport, N.Y., U.S.A.	71 0	22 2	7 0	127	The Canadian Dredging Co., Ltd., Durham, Ont.
117010	Dredge No. 10	Sault Ste. Marie	Dredge—Drague	1889	Saginaw, Mich, U.S.A.	92 0	32 5	7 0	354	The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.
122431	Dredge No. 14	Sault Ste. Marie	Dredge—Drague	1891	Saginaw, Mich., U.S.A.	100 0	34 6	8 0	352	The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.
100310	Dredge No. 15	Port Arthur	Dredge—Drague	1891	Saginaw, Mich., U.S.A.	100 0	34 4	9 5	174	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
130896	Dredge P. W. D. No 301.	Victoria	Dredge—Drague	1908	New Westminster, B.C.	108 3	38 2	10 4	538	The Minister of Public Works, Ottawa, Ont.
134269	Dredge Primrose	Midland	Dredge—Drague	1915	Welland, Ont.	136 5	42 0	10 1	767	Canadian Dredging Co., Ltd., Midland, Ont.
116269	Dredge Simcoe	Toronto	Dredge—Drague	1901	Beaverton, Ont.	80 5	28 2	6 0	136	The Randolph Macdonald Co., Ltd., Toronto, Ont.
134089	Drill Boat Burrard	Vancouver	Scow—Chd	1914	North Vancouver, B.C.	115 0	30 0	7 8	426	McFee, Henry & McDonald, Ltd., Vancouver, B.C.
126725	Drill Boat No. 1	Peterboro'	Scow—Chd	1909	Hastings, Ont.	50 0	20 0	4 0	51	The Randolph Macdonald Co., Ltd., Toronto, Ont.
126726	Drill Boat No. 2	Peterboro'	Scow—Chd	1910	Hastings, Ont.	40 2	16 0	2 0	28	The Randolph Macdonald Co., Ltd., Toronto, Ont.
130771	Drill Boat No. 5	Sault Ste. Marie	Drill boat	1907	South Chicago, Ill., U.S.A.	127 5	31 0	7 5	589	The Soo Dredging & Construction Co., Ltd., Sault Ste. Marie, Ont.
74103	Drucilla May	Halifax	Schr—Glt	1877	Shoal Bay, N.S.	39 5	14 8	6 0	19	J. G. Morrison, Englishtown, N.S.

80097	Druid	St. John, N.B.	Schr—Glt.	1882	Portland, N.B.	81 3	27 2	7 5	97	J. H Driscoll, St. John, N.B.
107625	Dryfe	New Westminster.	Barge—Chd.	1898	Vancouver, B.C.	50 0	14 6	4 0	23	Anglo-British Columbia Packing Co., Ltd., Vancouver, B.C
137917	Duc de la Marin	Chatham, N.B.	Schr—Glt.	1915	Caraquet, N.B.	46 0	14 7	6 0	22	Onesime Paulin, Caraquet, N.B.
111428	Duchess.	Halifax	Schr—Glt.	1902	Indian Harbour, N.S.	38 5	11 7	6 0	12	James Morash, Dover, N.S.
90812	Dude	Port Hope	Sloop	1880	Sodus Point, N.Y., U.S.A.	28 0	9 0	3 0	3	A. Campbell, Lakeport, Ont.
107413	Duff	Vancouver	Barge—Chd.	1898	Vancouver, B.C.	98 6	23 0	5 8	101	British American Corporation, Ltd., Rossland, B.C.
133958	Duggan	Sorel	Scow—Chd.	1916	Sorel, P.Q.	164 5	31 9	9 0	390	St. Lawrence Bridge Co., Ltd., Montreal, Que.
131113	Duke of Connaught	Montreal	Dock Ship	1912	Barrow-in-Furness, G.B.	600 6	135 2	16 8	17,964	Canadian Viekers, Ltd., Montreal, Que.
122068	Duke of York	Montreal	Dredge- Drague	1903	Montreal, Que.	74 5	25 1	6 0	144	W. J. Poupore, Montreal, Que.
126696	Dump Scow No. 320	Montreal	Scow—Chd.	1897	Coteau, Que.	79 3	20 9	6 7	90	Gaspard De Serres, Montreal, Que.
126697	Dump Scow No. 322	Montreal	Scow—Chd.	1897	Coteau, Que.	79 1	21 0	7 2	97	Gaspard De Serres, Montreal, Que.
126698	Dump Scow No. 323	Montreal	Scow—Chd.	1897	Coteau, Que.	54 3	13 9	3 7	15	Gaspard De Serres, Montreal, Que.
117106	Dun Donald	Ottawa	Houseboat	1904	Sturgeon Falls, Ont.	64 0	18 0	7 0	64	The Lake Nipissing Shipping & Transportation Co., Ltd., Toronto, Ont.
112207	[1]Dundurn	Hamilton	Barge—Chd.	1882	Detroit, Mich., U.S.A.	186 3	30 3	12 0	472	Canada Steamship Lines Ltd., Montreal, Que.
103250	Dunmore	Montreal	Schr—Glt.	1895	Kingston, Ont.	182 5	34 9	11 9	590	Alphonse A. Laroque, Montreal, Que.
103384	Dunrobin	Winnipeg	Barge—Chd.	1895	Keewatin, Ont.	47 6	13 2	5 4	20	Dominion Fish Co., Ltd., Winnipeg, Man.
75624	Dwina	Richibucto	Schr—Glt.	1878 1910	Port le Bear, N.S. Jardinville, N.B.	70 0	21 0	7 0	64	Alex. C. Fraser, Rexton, N.B.
111826	E. C. No. 1	Vancouver	Scow—Chd.	1899	Vancouver, B.C.	79 3	30 0	7 0	143	Edward Cook, Vancouver, B.C.
111814	E. C. No. 2	Vancouver	Scow—Chd.	1901	Vancouver, B.C.	70 0	22 5	6 1	85	Edward Cook, Vancouver, B.C.
111821	E. C. No. 3	Vancouver	Scow—Chd.	1886	Vancouver, B.C.	79 3	27 0	6 0	114	Edward Cook, Vancouver, B.C.
112210	E. C. No. V	Vancouver	Scow—Chd.	1901	Vancouver, B.C.	75 0	25 0	6 6	105	Edward Cook, Vancouver, B.C.
126635	E. C. No. VIII.	Vancouver	Scow—Chd.	1908	Vancouver, B.C.	52 2	24 0	6 0	68	Edward Cook, Vancouver, B.C.
107155	E. C. E. 1	Vancouver	Scow—Chd.	1893	Vancouver, B.C.	76 0	27 2	6 5	116	George Coleman, Vancouver, B.C.
112251	E. C. E. No. 9	Vancouver	Scow—Chd.	1901	Vancouver, B.C.	87 6	28 7	6 8	142	Evans, Coleman & Evans Ltd., Vancouver, B.C.
112252	E. C. E. No. 10	Vancouver	Scow—Chd.	1902	Vancouver, B.C.	87 4	28 5	6 8	142	Evans, Coleman & Evans Ltd., Vancouver, B.C.
112255	E. C. E. No. 11	Vancouver	Scow—Chd.	1902	Vancouver, B.C.	87 6	28 5	6 8	142	Evans, Coleman & Evans Ltd., Vancouver, B.C.
126333	E. C. E. No. 12	Vancouver	Scow—Chd.	1906	Vancouver, B.C.	77 5	27 0	7 3	153	Evans, Coleman & Evans Ltd., Vancouver, B.C.
126887	E. C. E. No. 14	Vancouver	Scow—Chd.	1907	Vancouver, B.C.	78 0	28 8	6 9	139	Evans, Coleman & Evans Ltd., Vancouver, B.C.
126218	E. C. E. No. 15	Vancouver	Scow—Chd.	1906	Vancouver, B.C.	77 0	29 0	7 7	150	Evans, Coleman & Evans Ltd., Vancouver, B.C.
130752	E. C. E. 16	Vancouver	Scow—Chd.	1910	Vancouver, B.C.	78 5	30 0	7 5	158	Evans, Coleman & Evans, Ltd., Vancouver, B.C.
130753	E. C. E. 17	Vancouver	Scow—Chd.	1910	Port Mellon, B.C.	78 0	29 8	7 5	157	Evans, Coleman & Evans, Ltd., Vancouver, B.C.
130754	E. C. E. 18	Vancouver	Scow—Chd.	1911	Vancouver, B.C.	83 3	29 9	8 3	185	Evans, Coleman & Evans, Ltd., Vancouver, B.C.
133854	E. C. E. XX	Vancouver	Scow—Chd.	1911	Vancouver, B.C.	83 3	29 8	8 2	195	Evans, Coleman & Evans, Ltd., Vancouver, B.C.
116458	E. H. H.&Co.No.2.	Vancouver	Scow—Chd.	1902	Vancouver, B.C.	65 2	22 0	5 0	53	Ed. H. Heaps, *et al.*, Vancouver, B.C.
134224	E. T. No. 1	Montreal	Scow—Chd.	1913	Montreal, Que.	80 0	24 6	5 3	84	Arthur Laforce and Arthur Belanger, J.O., Lachine, Que.
134225	E. T. No. 2	Montreal	Scow—Chd.	1914	Montreal, Que.	53 4	15 9	3 9	22	Mrs. Narcisse Paul, Verdun, Que.
100762	[2]E. A. Fulton	Sarnia	Schr—Glt.	1863	Toledo, Ohio, U.S.A.	137 0	25 0	10 3	288	The Reid Wrecking Co., Ltd., Sarnia, Ont.
103265	E. A. Lombard	St. John, N.B.	Schr—Glt.	1864	Essex, Mass., U.S.A.	76 6	21 5	7 3	63	H. J. Marson, St. John, N.B.
90839	E. A. Sabean	Port Medway	Schr—Glt.	1901	Liverpool, N.S.	121 8	30 2	11 1	219	Edward G. Scott, Mobile, Alta,. U.S.A.
88253	E. B. Colwell	St. John, N.B.	Schr—Glt.	1883	Carleton, N.B.	41 6	14 3	5 9	19	Percy Foot, *et al.*, Beaver Harbour, N.B.
94810	[3]E. B. Marvin	Halifax	Schr—Glt.	1884	Kennebunk, Me., U.S.A.	98 2	24 4	8 8	96	Leslie Murray, Port Richmond, N.S.
107254	E. C. Ward	New Westminster	Schr—Glt.	1896	Fairhaven, Wash., U.S.A.	27 5	10 6	4 1	10	Wm. Cruickshank, New Westminster, B.C.
133670	E. D. Conrod	Halifax	Schr—Glt.	1913	Mahone Bay, N.S.	46 2	17 1	6 6	30	Daniel E. Conrod, M.O., Grand Desert, N.S.
77604	E. D. Myra	Charlottetown	Schr—Glt.	1878	LaHave, N.S.	60 0	19 8	7 5	43	John A. Munn, Murray River, P.E.I.
130257	E. E. Armstrong	Windsor, N.S.	Schr—Glt.	1917	Hantsport, N.S.	141 4	33 5	11 9	371	Grace & Co., Ltd., Montreal, Que.
116877	E. G. Lewis	St. Catharines	Barge—Chd.			96 0	18 0	8 6	113	Stephen Bradley, Toronto, Ont.
77694	E. H. Rutherford	Hamilton	Schr—Glt.	1881	Port Dalhousie, Ont.	133 6	22 2	10 7	286	Robt. Crawford, Kingston, Ont.
122191	E. J. Fader No. 3	New Westminster	Barge—Chd.	1907	New Westminster, B.C.	85 0	24 0	7 0	143	Henry J. Humm, London, Eng.
126785	E. J. Fader No. 4	New Westminster	Barge—Chd.	1909	New Westminster, B.C.	74 4	30 0	6 8	149	Henry J. Humm, London, Eng.
100129	E. J. McVea	Wallaceburg	Schr—Glt.	1873	Allegany, Mich., U.S.A.	140 4	25 7	10 2	276	W. W. Stover, Sombra, Ont.
141132	E. L. Comeau	La Have	Schr—Glt	1918	Meteghan River, N.S.	169 0	37 4	13 2	591	Fraser Gray, M.O., LaHave, N.S.
59373	E. M. Oliver	St. Andrews	Schr—Glt.	1876	Back Bay, N.B.	37 2	14 0	6 1	14	Mrs. Annie Harkins, Dipper Harbour, N.B.
116506	E. M. Zellars	Lunenburg	Schr—Glt.	1904	Lunenburg, N.S.	82 5	24 0	9 0	84	Horace V. Myers, Kingston, Jamaica, B.W.I.
130642	E R Bremner	Ottawa	Barge—Chd.	1912	Hull, Que.	113 0	21 2	7 8	179	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
126141	E. Daneau	Sorel	Sloop	1908	Pierroville, Que.	108 7	23 1	6 9	127	Emile Charland, Montreal, Que.

[1]Formerly str. "Pere Marquette H." [2]Formerly "A. Boody." [3]Foreign name "Mollie Adams."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

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Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
103550	E. Maurice	Halifax	Schr—Glt	1896	Ship Harbour, N.S.	61 5	18 2	6 7	46	Wm. Maurice, Bay St. George, Nfld.
103739	E. Mayfield	Parrsboro'	Schr—Glt	1898	Parrsboro', N.S.	70 7	22 2	7 3	75	Wm. I. Hawes, Parrsboro', N.S.
97192	Eagle	Chatham, N.B.	Schr—Glt	1891	Tracadie, N.B.	48 6	17 1	5 8	29	M. S. Stewart, Neguac, N.B.
100998	Eagle	Chatham, N.B.	Schr—Glt	1892	Shippigan, N.B.	33 0	12 2	4 4	10	T. Ahier, Shippigan, N.B.
107294	Earl D	Annapolis Royal	Schr—Glt	1900	Port George, N.S.	74 0	21 8	7 7	61	Elias Woodworth, Port George, N.S.
122009	Earl Grey	Lunenburg	Schr—Glt	1907	Lunenburg, N.S.	94 2	24 7	10 2	96	M. G. Winter, St. John's, Nfld.
111730	Earle V.S.	Lunenburg	Schr—Glt	1902	Mahone Bay, N.S.	93 2	25 0	9 6	100	John B. Young, Lunenburg, N.S.
74091	Eastern Clipper	Halifax	Schr—Glt	1861	Georgetown, P.E.I.	58 5	18 4	6 3	35	M. S. Magrath, East Dover, N.S
.....	Echo	Toronto	Schr—Glt	1869	Toronto, Ont.	69 0	14 4	5 7	50	Patrick J. McSherry, Toronto, Ont.
83261	Economist	Digby	Schr—Glt	1883	Granville, N.S.	36 5	14 3	5 6	14	Jesse Parker, Paul's Harbour, N.S.
103053	Eddie C.	Yarmouth	Schr—Glt	1892	Argyle, N.S.	32 0	10 5	5 0	11	Leander Amiro, Pubnico, N.S.
121791	Eddie C	Yarmouth	Sloop	1905	Port Clyde, N.S.	30 0	11 0	6 0	10	Joseph R. Homer, Barrington Passage, N.S.
116205	Eddie James	Yarmouth	Schr—Glt	1903	Shelburne, N.S.	78 0	22 6	9 0	79	Henry A. Amiro, Yarmouth, N.S.
121800	Edessa	Yarmouth	Sloop	1905	Shelburne, N.S.	38 0	12 2	6 6	15	J. B. Clements, Yarmouth, N.S.
134344	Edgar B	Montreal	Scow—Chd	1905	Cardinal, Ont.	75 2	20 5	4 2	168	Quinlan & Robertson, Ltd., Montreal, Que.
140956	Edgewood	Montreal	Schr Glt	1918	Quebec, Que.	191 1	36 8	15 5	699	Edgewood Shipping Co., Ltd., Montreal, Que.
96976	Edith	Halifax	Sloop	1892	Sable River, N.S.	51 0	17 5	7 4	40	E. J. Walker, Walkerville, N.S.
96865	Edith	Prescott	Barge—Chd	1897	Toronto, Ont.	130 0	27 0	11 0	353	The Canada Sugar Refining Co., Ltd., Montreal, Que.
130585	Edith Adele	Halifax	Schr—Glt	1912	Tancook, N.S.	52 6	14 6	7 6	33	Tasker Cook, St. John's, Nfld.
116528	Edith F.S.	Yarmouth	Schr—Glt	1905	La Have, N.S.	69 4	21 8	8 5	67	Scott D. Guptill, Grand Manan, N.B.
85683	Edith L.	Digby	Schr—Glt	1883	Westport, N.S.	46 6	12 8	5 2	16	R. W. Ford, Westport, N.S.
112280	Edith L.	Digby	Schr—Glt	1902	Port Maitland, N.S.	46 6	13 0	6 0	26	Maynard Young, West Dover, N.S..
103060	Edith M.	Quebec	Schr—Glt	1895	Argyle, N.S.	48 0	15 5	5 3	20	Zoel Jomphe, Seven Islands, Que.
138202	Edith M. Cavell	Shelburne	Schr—Glt	1916	Shelburne, N.S.	107 2	26 2	10 4	134	Geo. Penny, Ramea, Nfld., M.O.
138259	Edith Newhall	Lunenburg	Schr—Glt	1916	Lunenburg, N.S.	112 0	26 3	10 4	99	Elridge Spindler, Lunenburg, N.S., M.O.
116830	Edith Pauline	Barrington Passage	Sloop	1903	Shelburne, N.S.	32 0	11 0	6 0	10	Reuben C. Swim, Clarke's Harbour, N.S.
121828	Edmond	Montreal	Sloop	1906 1913	Lecleroville, Lotbinière, Que. St. Jean Deschaillons, Q.	101 8	23 0	6 3	102	Theophile Charland, St. Jean Deschaillons, Que.
61606	Edmund Russell	Arichat	Schr—Glt	1871	Isaac's Harbour, N.S.	47 0	15 6	6 0	28	William F. Harris, Cheticamp, N.S.
96864	Edna	Quebec	Barge—Chd	1897	Montreal, Que.	129 4	28 0	11 2	369	William Q. Stobo, Quebec, Que.
107075	Edna	St. John, N.B.	Sloop	1898	St. John, N.B.	24 8	7 0	2 3	3	W. H. McIntyre, St. John, N.B...
107919	Edna Belle	St. Andrews	Sloop	1900	West Isles, N.B.	35 0	12 7	5 2	14	Walter Cheney, Grand Manan, N.B.
126911	Edna H.	Halifax	Schr—Glt	1910	Tancook, N.S.	47 0	12 9	6 2	17	Robert L. Mosher, Canso, N.S.

122570	Edna M.	Yarmouth	Sloop	1907	Shag Harbour, N.S.	34 0	11 0	6 0	11	William J. Halliday, Shag Harbour, N.S.
112238	Edna M. Smith	St. John, N.B.	Bk—Bq	1903	Harvey Bank, N.B.	164 9	35 1	18 0	736	John N. Smith, *et al.*, Lower Coverdale, N.B.
116909	Edna May	Parrsboro'	Schr—Glt	1907	Parrsboro, N.S.	64 3	22 0	6 8	62	Stanley W. Woods, Parrsboro', N.S.
130369	Edna R. Hines	Sydney, N.S.	Schr—Glt	1912	Ingonish, N.S.	41 6	12 9	8 0	18	Angus J. Hines, *et al.*, Ingonish, N.S.
112003	Edna V. Pickels	Annapolis Royal	Schr—Glt	1905	Salmon River, N.S.	154 5	35 0	12 0	389	Lester A. Bolden, *et al.*, Mobile, Ala., U.S.A.
131112	Edouard D.	Montreal	Sloop	1903	Notre Dame de Pierreville, Que.	96 5	21 4	5 4	93	George Descheneaux, Notre Dame de Pierreville, Que.
117103	Edson Fitch	Ottawa	Barge—Chd	1904	Hull, Que.	120 0	24 0	7 9	171	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
103449	Edward	Ottawa	Barge—Chd	1889	Buckingham, Que.	67 8	15 7	5 0	30	Geo. Bothwell, Buckingham, Que.
126936	Edward I.	Quebec	Scow—Chd	1906	Toronto, Ont.	103 0	28 2	7 6	193	La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.
126937	Edward II	Quebec	Scow—Chd	1906	Toronto, Ont.	103 0	28 2	7 6	193	La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.
126938	Edward III.	Quebec	Scow—Chd	1906	Toronto, Ont.	103 0	28 2	7 6	193	La Compagnie Générale du Port de Chicoutimi, Chicoutimi Québec.
126939	Edward IV.	Quebec	Scow—Chd	1906	Toronto, Ont.	103 0	28 2	7 6	193	La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.
126940	Edward V.	Quebec	Scow—Chd	1906	Toronto, Ont.	103 0	28 2	7 6	193	La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.
131011	Edward VI.	Quebec	Scow—Chd	1906	Toronto, Ont.	103 0	28 2	7 6	193	La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.
107954	Edward Grover	Lunenberg	Schr—Glt	1874	Essex, Mass., U.S.A.	79 6	21 6	7 8	69	Wilson Bennett, Channel, Nfld.
130390	Ed. McWilliams	Amherstburg	Barge—Chd	1893	Bay City, Mich., U.S.A.	200 0	34 0	14 0	664	Algoma Dredging Co., Ltd., Sault Ste. Marie, Ont.
138517	[3]Edward Monk	Quebec	Barge—Chd	1900	North Bay, N.Y., U.S.A.	96 1	17 5	7 0	97	Auger & Son, Ltd., Quebec, Que.
134234	Edward Q.	Montreal	Scow—Chd	1913	Montreal, Que.	99 7	28 4	6 6	145	Quinlan & Robertson, Ltd., Montreal, Que.
74101	Edward S. Falt	Charlottetown	Schr—Glt	1877	Petite Riviere, N.S.	68 5	20 6	8 2	68	Alex. Dutney, *et al.*, Murray River, P.E.I.
116845	[1]Edward S. Pease	Owen Sound	Barge—Chd	....	U.S.A.	160 0	25 6	11 0	338	The Crawford Tug Co., Ltd., Wiarton, Ont.
122439	Edwards Bros. No. 2	Sault Ste. Marie	Dredge--Drague	1896	Bay City, Mich., U.S.A.	70 0	25 4	5 8	237	Soo Dredging & Towing Co., Ltd., Sault Ste. Marie, Ont.
117033	Edwards Bros. No. 3	Sault Ste. Marie	Dredge--Drague	1902	Sault Ste. Marie, Mich., U.S.A.	63 0	22 0	5 4	202	Soo Dredging & Towing Co., Ltd., Sault Ste. Marie, Ont.
97080	Edwin A. Grozier	Charlottetown	Schr—Glt	1862 1915	Essex, Mass., U.S.A. Port Elgin, N.B.	68 0	20 8	7 4	60	Chas. Trenholm, Port Elgin, N.B.
97023	Edwina	Barrington Passage	Schr—Glt	1889	Shag Harbour, N.S.	34 0	11 9	5 3	11	Moses Penny, Cape Island, N.S.
103789	Effie B. Nickerson	Shelburne	Sloop	1898	Shelburne, N.S.	41 0	17 0	7 3	22	Ernest D. Morehouse, Sandy Cove, N.S.
111425	Effie Howard	Halifax	Schr—Glt	1902 1911	Sheet Harbour, N.S. Pugwash, N.S.	58 0	14 6	6 2	24	James Delbon, Port aux Brass, Nfld.
94670	[2]Effie J. Agnew	Charlottetown	Schr—Glt	1889	St. Mary's, N.S.	53 5	17 0	6 8	36	John Agnew, Alberton, P.E.I.
80721	Effie Maud	Quebec	Schr—Glt	1879	Métis, Que.	68 1	20 9	7 5	66	Edmond Tremblay, M.O., Matane, Que.
100875	Effie Maud	St. John N.B.	Schr—Glt	1893	Newcastle, N.B.	62 1	22 0	5 9	62	Harry Woods, Parrsboro, N.S.
107795	Effie May	St. John, N.B.	Schr—Glt	1899	Cumberland Bay, N.B.	69 9	24 5	6 5	67	David Oliver, *et al.*, Waterborough, N.B.
80008	Egeria	St. John, N.B.	Bk—Bq	1879	Harvey, N.B.	173 1	35 9	19 5	897	E. E. Hutchings, New York, N.Y., U.S.A.
121866	Eldora	Lunenburg	Schr—Glt	1906	La Have, N.S.	76 6	22 6	9 0	79	F. J., R. P., and S. Poirier, J.O. D'Escousse, N.S.
53811	Electric Flash	Halifax	Schr—Glt	1869	Vogler's Cove, N.S.	67 0	21 0	7 6	53	Mrs Annie Porrior, Montague Bridge, P.E.I.
112099	Electro	Lunenburg	Schr—Glt	1902	La Have, N.S.	80 0	23 2	9 2	88	Egerton Ritcey, *et al.*, Lunenburg, N.S.
107150	Electron	Vancouver	Scow—Chd	1880	Victoria, B.C.	72 8	20 2	6 0	64	A. R. Bissett and L. Rogers, Vancouver, B.C.
116605	Elevator Dredge Premier.	Montreal	Dredge-Drague-	1905	Montreal, Que.	86 0	31 5	9 2	177	HarbourCommissioners of Montreal, Montreal, Que.
126251	Elia	Chatham, N.B.	Schr—Glt	1898 1908	Escuminac, N.B.	32 3	10 8	5 0	11	Peter Richard, Escuminac, N.B.
116979	Elie Anne	Chatham, N.B.	Schr—Glt	1905	Caraquet, N.B.	40 0	13 2	5 8	17	Joseph Dorion (son of Jules), Caraquet, N.B.
92465	Elisha Crowell	Halifax	Schr—Glt	1869	Essex, Mass., U.S.A.	72 5	29 0	7 7	69	S. R. Giffin, Isaac's Harbour, N.S.
103590	Eliza	Chatham, N.B.	Schr—Glt	1896	Caraquet, N.B.	38 0	13 1	4 8	13	Robin, Jones & Whitman, Ltd., Halifax, N.S.
100293	Eliza	Chatham, N.B.	Schr—Glt	1891	Shippigan, N.B.	37 6	13 6	5 0	15	Mrs. Sarah Young and F. T. B. Young, J. O., Caraquet, N.B.
71138	Eliza Allan	Port Dover	Schr—Glt	1875	Port Dover, Ont.	84 6	21 1	7 7	110	Ed. Harris, Port Dover, Ont.
59391	Eliza Ann	St. Andrews	Schr—Glt	1877	Grand Manan, N.B.	31 2	12 0	5 0	12	John Wills, Grand Manan, N.B.
103536	Eliza C.	Halifax	Schr—Glt	1896	Chezzetcook, N.S.	45 4	14 6	5 3	17	Dennis and William Richards, East Chezzetcook, N.S.
	Eliza Fisher	Port Hope	Schr—Glt	1867	Portsmouth, U.S.A.	94 2	24 4	9 3	137	R. C. Smith, Port Hope, Ont.

[1]Formerly a steamer. [2]Formerly "Katie A. Burns." [3]Recovered wreck.

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Registered tonnage. — Tonnage enregistré.	Owner or Manager Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
90557	Eliza White	Kingston	Schr—Glt	1867 1887	Port Burwell, Ont.	93 0	23 3	8 3	106	P. McManus, Picton, Ont.
111522	Elizabeth	Digby	Sloop	1900	Comeauville, N.S.	36 5	14 0	7 0	21	E. C. Comeau, *et al.*, Comeauville, N.S..
51791	Elizabeth	Liverpool	Schr—Glt	1866	Port Mouton, N.S.	44 0	14 8	6 5	20	John Campbell ,Liverpool, N.S.
103325	Elizabeth Ann	Port Hawkesbury	Schr—Glt	1899	Cheticamp, N.S.	34 6	11 3	5 5	11	David Bourgeois, Cheticamp, N.S.
126807	Elizabeth D	Yarmouth	Schr—Glt	1911	Meteghan, N.S.	83 0	22 0	7 8	79	A. L. Crowell *et al.*, J.O., Port La Tour, N.S.
131213	Elizabeth Donovan	Sydney, N.S.	Schr—Glt	1912	Ingonish, N.S.	41 0	12 6	8 0	11	William T. Donovan, Ingonish, N.S.
88503	Elizabeth Nash	Sydney, N.S.	Schr—Glt	1883	George's River, N.S.	50 0	18 8	7 2	36	J. H. Christie, Little Bras d'Or, N.S.
90481	Ella D	Halifax	Schr—Glt	1884	Pleasantville, N.S.	49 6	17 6	6 8	32	J. L. Oxner, *et al.*, Chester, Basin, N.S.
116872	Ella M	St. Catharines	Dredge -Drague	1904	Welland, Ont.	101 0	37 0	9 2	384	Simpson Bros. Co., Ltd., Montreal, Que.
80882	Ella Mabel	St. Andrews	Schr—Glt	1880	St. George, N.B.	34 6	12 4	7 0	14	Alec. Calder, jr., Campobello, N.B.
90712	Ella May	Halifax	Schr—Glt	1885	Chester, N.S.	40 2	14 7	6 3	19	Chas. Cook, Isaac's Harbour, N.S.
103328	Ella May	Port Hawkesbury	Schr—Glt	1900	Steep Creek, N.S.	54 0	14 8	7 5	34	Hibbert Carr, Steep Creek, N.S.
107312	Ella S	Halifax	Schr—Glt	1893	Spry Bay, N.S.	31 2	8 8	5 4	10	James Glawson, Pope's Harbour, N.S.
33653	Ellen Mary	Halifax	Schr—Glt	1878	Paspebiac, Que.	71 3	20 4	8 3	66	Andrew H. Olsen, Port Hawkesbury, N.S.
90726	Ellen Maud	Halifax	Schr—Glt	1887	Mahone Bay, N.S.	40 4	13 9	6 0	16	Richard Drew, Terence Bay, N.S.
107343	Ellen R	Barrington Passage	Schr—Glt	1901	Pubnico, N.S.	44 2	15 5	5 4	20	Ernest and W. L. Smith, Baccaro, N.S.
74074	Ellie	Halifax	Schr—Glt	1876	West Dublin, N.S.	84 0	24 0	9 7	96	The Port Hood Coal Co., Ltd., Halifax, N.S.
116521	Ellwood	Sydney, N.S.	Schr—Glt	1905	Lunenburg, N.S.	48 5	13 5	6 1	16	Daniel Gillis, Sydney, N.S.
85165	Elmire	Quebec	Schr—Glt	1883	Anse St. Jean, Que.	57 6	20 0	7 8	49	Louis Lessard, Quebec, Que.
100189	Elsie	Montreal	Sloop	1889	Boston, Mass, U.S.A.	20 4	6 8	1 9	1	Robt. C. Nelles, Montreal, Que.
83205	Elsie	Windsor, N.S.	Schr—Glt	1881	Parrsboro', N.S.	34 9	13 4	4 9	10	Andrew Miller, St. John, N.B.
111633	Elsie F	Lunenburg	Schr—Glt	1900	Chester Basin, N.S.	66 2	20 6	8 4	62	James Freda, *et al.*, Chester, N.S.
134404	Elsie M. Hart	Lunenburg	Schr—Glt	1914	Lunenburg, N.S.	105 0	26 3	10 4	96	William A. Corkum, M.O., Lunenburg, N.S.
103785	Elva	Shelburne	Schr—Glt	1897	Shelburne, N.S.	98 0	24 0	9 0	119	Ed. A. Dunphy, Shelburne, N.S.
122470	Elva Belle	Yarmouth	Sloop	1906	Clyde, N.S.	32 0	11 2	6 0	11	Melvin McKenzie, *et al.*, Lockeport, N.S.
107718	Emblem	Vancouver	Scow—Chd	1896	Ladner, B.C.	41 5	12 0	2 7	10	Pacific Coast Packing Co., Ltd., Vancouver, B.C.
80729	Emelia	Quebec	Schr—Glt	1880	St. Irénée, Que.	44 5	16 5	5 9	25	J. E. Heppell, Matane, Que.
53819	Emelia	Quebec	Schr—Glt	1864	Lotbinière, Que.	63 8	20 0	6 5	47	Eugène Singelot, Les Escoumains, Que.
107372	Emerald	Sydney, N.S.	Schr—Glt	1899	Aspy Bay, N.S.	44 5	13 7	5 3	15	John Buchanan, St. Ann's, N.S.
130986	Emérencienne	Chatham, N.B.	Schr—Glt	1912	Lamek, N.B.	37 6	13 5	6 0	17	Theophile Noel, Lamek, N.B.
116446	Emerson Faye	Digby	Schr—Glt	1904	Shelburne, N.S.	66 0	18 4	7 8	47	H. V. Myers, Kingston, Jamaica, and Alf. S. Foster, Lucea, Jamaica, J.O.
88293	Emery	Quebec	Barge—Chd	1884	St. Ours, Que.	99 5	21 8	6 5	97	F. Paul, St. Pierre de Sorel, Que.
103150	Emile Vézina	Quebec	Sloop	1894	Isle aux Grues, Que.	53 2	19 6	4 4	31	Emelien Vézina, Isle aux Grues, Que.

137913	Emile Blanchard	Chatham, N.B.	Schr—Glt	1915	Lower Caraquet, N.B.	41 5	14 2	6 5	22	Patrick Blanchard, Caraquet, N.B.
122581	[1]Emilien Burke	Charlottetown	Schr. Glt	1909	Yarmouth, N.S.	81 0	22 4	9 5	90	Anthony Arsenault, Grandigue, N.B.
111680	Emily	Parrsboro'	Schr—Glt	1902	Spencer's Island, N.S.	64 6	23 1	6 5	59	Harold J. Walter, *et al.*, St. Martins, N.B.
91844	Emily	Windsor, Ont.	Scow—Chd	1890	Belle River, Ont.	62 4	15 1	3 0	29	E. Parent, Belle River, Ont.
121657	Emily C.	Yarmouth	Sloop	1905	Meteghan, N.S.	33 0	10 4	6 0	11	N. Comeau, Meteghan, N.S.
134009	Emily J.	Chatham, N.B.	Schr—Glt	1914	Lamek, N.B.	41 5	14 0	6 0	18	John Luce, Lamek, N.B.
103192	Emily L.	Lunenburg	Schr—Glt	1895	Mahone Bay, N.S.	35 8	11 2	4 5	10	John F. Ryan, Halifax, N.S.
121817	Emily R.	Digby	Schr—Glt	1908	Meteghan River, N.S.	55 0	16 1	6 6	30	E. B. Nickerson, *et al.*, Yarmouth, N.S.
96723	Emma	Chatham, N.B.	Schr—Glt	1889	Shippigan, N.B.	36 5	13 0	5 0	15	Sebastian Noel, Shippigan, N.B.
92585	Emma	Gaspé	Schr—Glt	1890	Sydenham, Que.	39 5	13 1	5 5	19	Sydney Des Brisay, Petit Rocher, N.B.
103988	Emma	Quebec	Schr—Glt	1897	Berthier, Que.	36 0	12 4	5 0	13	Jos. Bilodeau, Berthier, Que.
92516	Emma	St. Andrews	Schr—Glt	1873	Essex, Mass., U.S.A.	47 0	13 3	5 0	22	Walter Calder, Campobello, N.B.
121884	Emma B.	Yarmouth	Sloop	1905	Cape Island, N.S.	31 0	10 6	6 0	10	Walter S. Ross, Cape Island, N.S.
103542	Emma Brow	Halifax	Schr—Glt	1896	Harbour au Bouche, N.S.	43 0	13 4	6 4	17	F. Fougere, Harbour au Bouche, N.S.
79913	Emma C.	Annapolis Royal	Schr—Glt	1883	Dorchester, N.B.	76 7	25 1	8 3	100	Isaac Hutchison, Brighton, N.S.
107604	Emma D.	Weymouth	Schr—Glt	1900	Mavillette, N.S.	42 0	13 3	6 0	20	Leon L. Amirault, Yarmouth, N.S.
57476	Emma E. Potter	Annapolis Royal	Schr—Glt	1870 1894	Clements, N.S.	93 6	24 5	8 0	98	H. W. B. Warner, Plympton, N.S.
71357	Emma Gidney	Halifax	Schr—Glt	1876	Mink Cove, N.S.	61 0	18 5	7 5	48	J. P. Savage, Amherst, Magdalen Islands, Que.
117054	Emma Jane	Canso	Schr—Glt	1906	White Haven, N.S.	38 0	13 3	7 0	16	John L. George, White Haven, N.S.
83083	Emma Proctor	Port Hawkesbury	Schr—Glt	1881	Port Hawkesbury, N.S.	58 0	20 0	7 8	41	Alex. F. Cameron, Sherbrooke, N.S.
122259	Emmet	Quebec	Barge—Chd	1907	St. Irénée, Que.	121 6	32 0	7 7	249	Canadian Bank of Commerce, H.O., Toronto, Ont.
121909	Emmie G.	Barrington Passage	Sloop	1906	Clarke's Harbour, N.S.	31 0	11 0	6 0	10	Arthur D. Cann, Louisburg, N.S.
100911	Emperor	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	36 3	12 7	4 4	10	T. Ahier, Shippigan, N.B.
116390	Empire	Port Arthur	Barge—Chd	1906	Collingwood, Ont.	160 0	40 0	12 0	768	The Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
134474	[2]Empire No. 1	Montreal	Barge—Chd	1880	Ste. Claire, Mich., U.S.A.	170 0	31 5	12 4	518	Empire Coal Co., Ltd., Montreal, Que.
134475	[3]Empire No. 2	Montreal	Barge—Chd		U.S.A.	95 5	17 5	8 8	126	Elise Daveau, St. Hilaire, Que.
134476	[4]Empire No. 3	Montreal	Barge—Chd	1901	Northumberland, N.Y., U.S.A.	97 3	17 7	8 4	123	Elise Daveau, St. Hilaire, Que.
75569	Empress	Arichat	Schr—Glt	1877	La Have, N.S.	60 0	20 0	7 6	47	Simon Poirier, Descouse, N.S.
100786	Empress	Chatham, N.B.	Schr—Glt	1888	Caraquet, N.B.	38 0	12 9	4 8	12	Mrs. Sarah Young and F. T. B. Young, J.O.,Caraquet, N.B.
112133	Empress	Shelburne	Sloop	1897	Sedgewick, Me., U.S.A.	28 0	12 0	5 1	8	A. H. Perry, Black Point, N.S.
111513	Ena & Elsie	St. John, N.B.	Sloop	1897	Grand Manan, N.B.	36 9	14 0	5 2	13	Almond Hawkins, *et al.*, Beaver Harbour, N.B.
83202	Enchantress	Digby	Schr—Glt	1881	Cornwallis, N.S.	34 6	12 0	5 2	10	H. B. Short, *et al.*, Digby, N.S.
126681	Enceau	Montreal	Sloop	1909	Notre Dame de Pierreville, Que.	108 9	23 2	7 3	145	Victor Charland, St. Jean Deschaillon, Que.
92425	England	Quebec	Barge—Chd	1863 1909	Brockville, Ont. St. Alexis, Que.	148 0	28 0	9 6	319	The Kaine & Bird Transportation Co., Ltd., Quebec, Que.
126181	Enid Hazel	Barrington Passage	Schr—Glt	1908	Shelburne, N.S.	52 0	18 0	6 7	31	Robert S. McKay, Yarmouth, N.S.
94735	Ensenada	Windsor, N.S.	Bknt—Bkglt	1889	South Maitland, N.S.	196 0	37 0	19 1	999	Henry J. Lewis, Sydney, N.S.
91659	Enterprise	Lunenburg	Schr—Glt	1888	La Have, N.S.	74 4	23 2	8 9	70	Mrs. Bertha E. Smith, Westpoint, P.E.I.
122467	Enterprise	Yarmouth	Sloop	1906	Cape Island, N.S.	30 0	11 0	6 0	10	David O. Gardner, M.O., Port LaTour, N.S.
64941	Erie	Quebec	Barge—Chd	1871	Quebec, Que.	123 5	24 8	9 3	207	W. W. Tate, Montreal, Que.
111434	Ermynthrude	Halifax	Schr—Glt	1902	Shelburne, N.S.	57 0	17 4	7 6	36	O. F. MacKenzie, Halifax, N.S.
100581	Ernest	Montreal	Barge—Chd	1892	Pierreville, Que.	108 2	23 0	7 8	109	Edmond Daneau, jr., Pierreville, Que.
126344	Erzie G. Mildred	Shelburne	Sloop	1908	Port Clyde, N.S.	28 5	11 9	5 2	10	John McKenzie, Shelburne, N.S.
103776	Esk	Chatham, N.B.	Schr—Glt	1897	Caraquet, N.B.	40 0	13 3	5 0	14	Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B.
126591	Eskimo	Parrsboro'	Schr—Glt	1909	Apple River, N.S.	79 2	27 6	6 8	99	Herbert Hicks, Clementsport, N.S.
121809	Estella	Yarmouth	Sloop	1905	Tusket Wedge, N.S.	35 0	11 2	6 0	11	Albert E. Carland, Pubnico, N.S.
100772	Estelle	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	37 1	13 5	5 0	13	P. Rive, Caraquet, N.B.
138471	Esther Adelaide	Parrsboro	Schr—Glt	1917	Fox River, N.S.	148 0	36 0	12 4	425	The Meredith A. White Navigation Company, Ltd., Sussex, N.B.
117141	Etha May	Halifax	Schr—Glt	1905	Dover, N.S.	41 2	11 5	5 2	11	G. Johnson, Dover, N.S.
116347	Ethel	Arichat	Schr—Glt	1896	Canso, N.S.	36 3	10 4	6 0	11	F. B. Saunders, Canso, N.S.
100787	Ethel	Chatham, N.B.	Schr—Glt	1891	Caraquet, N.B.	38 6	12 8	4 5	11	Mrs. Sarah Young and F. T. B. Young, J. O., Caraquet, NB.
107173	Ethel	Digby	Schr—Glt	1899	White Cove, N.S.	46 0	15 7	6 1	22	Wm. Dewey, Sackville, N.B.

[1]A recovered wreck. [2]Foreign name "Melbourne." [3]Foreign name "Bertha M. Graves." [4]Foreign name "Mamie Martin."

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96863	Ethel	Montreal	Barge—Chd	{1897 / 1910}	{Toronto, Ont. / Kingston, Ont.}	158 0	27 9	11 0	399	The Montreal Transportation Co., Ltd., Montreal, Que.
103113	Ethel	St. Andrews	Schr—Glt	1881	Pubnico, N.S.	30 0	11 0	5 0	10	W. J. Galbraith, Lepreaux, N.B.
112236	Ethel M	St. John, N.B.	Sloop	1901	St. John, N.B.	24 3	9 8	3 0	5	Walter Logan, St. John, N.B.
107475	Ethel May	Digby	Sloop	1899	Parker's Cove, N.S.	33 0	12 7	6 0	16	Isaac Fulmore, Five Islands, N.B.
121688	Ethel May	Yarmouth	Sloop	1904	Clarke's Harbour, N.S.	33 0	11 4	6 0	10	S. Messenger, Cape Island, N.S.
122593	Ethel R	St. Andrews	Sloop	1902	St. George, N.B.	26 0	11 7	6 0	12	Clarence M. Richardson, Grand Manan, N.B.
107793	Ethel & Carrie	St. John, N.B.	Schr—Glt	1896	St. John, N.B.	39 8	14 0	6 2	15	Albert Wooster, Grand Harbour, Grand Manan, N.B.
96788	Etienne	Halifax	Sloop	1888	Halifax, N.S.	28 3	9 0	3 7	4	John E. Butler, Halifax, N.S.
100353	Etna	Quebec	Sloop	1886	St. Michel, Que.	37 6	13 8	5 0	14	Joseph Bergeron, Les Eboulements, Que.
103231	Etoile	Montreal	Sloop	1894	St. Thomas, Que.	83 6	21 4	4 8	61	Alphonse Desrochers, Sorel, Que.
133916	Etoile d'un Marin	Chatham, N.B.	Schr—Glt	1913	Lamek, N.B.	42 0	13 0	6 0	20	Octave Noel, Lamek, N.B.
111527	Etta H	Digby	Shr—Glt	1901	Port Maitland, N.S.	33 0	10 2	5 9	10	Warren C. and George Justason, Blacks Harbour, N.B.
122137	Etta M	Yarmouth	Sloop	1905	Barrington, N.S.	30 0	10 6	6 0	10	Clifford Kendrick, Shag Harbour, N.S.
121796	Etta N	Yarmouth	Sloop	1904	Cape Island, N.S.	31 0	11 4	6 0	10	J. G. Newell, Cape Island, N.S.
103795	Etta Vaughan	Shelburne	Schr—Glt	1899	Shelburne, N.S.	83 0	23 6	9 4	98	B. P. Thorbourn, M.O., Sand Point, N.S.
138643	Eugene Creaser	La Have	Schr—Glt	1918	Dayspring, N.S.	106 4	26 2	10 4	99	Ivan Creaser, M.O., La Have, N.S.
134484	Eugene L	Montreal	Scow—Chd	1912	Montreal, Que.	68 2	22 0	4 0	46	Quinlan & Robertson, Ltd., Montreal, Que.
80754	Eugénie	Quebec	Schr—Glt	1880	Esquimaux Point, Que.	62 0	19 5	8 0	48	Henri Bouliane, Tadousac, Que.
141165	Eugenie Owen Mackay.	Parrsboro	Schr—Glt	1918	Diligent River, N.S.	167 0	36 0	13 0	560	W. N. Reinhardt, *et al*,, La Have, N.S.
107356	Eulalie C	Sydney, N.S.	Schr—Glt	1897	North Sydney, N.S.	31 3	12 1	4 8	6	John Leonard, Main-a-Dieu, N.S.
112310	Eureka	St. Andrews	Sloop	1901	Grand Manan, N.B.	33 4	13 0	5 5	14	L. C. Guptill, Grand Manan, N.B.
121944	Eureka	Sorel	Sloop	1907	Yamaska, Que.	106 0	23 2	6 9	104	Phillipe Yargeau, Montreal, Que.
90708	Euretta King	St. Catharines	Scow—Chd	1887	Welland, Ont.	110 9	23 2	6 6	130	Allan J. Holloway, Toronto, Ont.
122572	Eva	Yarmouth	Sloop	1907	Pubnico, N.S.	33 0	13 0	6 8	12	Thomas Amiro, M.O., Pubnico, N.S.
122461	Eva E	Yarmouth	Sloop	1906	Cape Island, N.S.	30 0	10 6	6 0	10	Aaron Allen, Yarmouth, N.S.
116518	Eva June	Lunenburg	Schr—Glt	1904	Lunenburg, N.S.	91 6	25 0	10 0	93	A. J. MacDougald, Halifax, N.S.
121901	Eva M	Barrington Passage	Sloop	1905	Clarke's Harbour, N.S.	30 0	11 9	6 0	11	Eldridge Hagar, Round Bay, N.S., and Alexander J. Perry, Red Head, N.S.
96785	Eva M. B	Halifax	Schr—Glt	1890	Chezzetcook, N.S.	55 4	19 9	8 0	45	James Paquet and Joseph Billideau, Old Fort, Que.
116343	Eva May	Arichat	Schr—Glt	1903	St. Peter's, N.S.	37 5	11 6	5 0	11	Mrs. Henry Fougere, Poulamon, N.S.
90432	Eva May	Charlottetown	Schr—Glt	1901	Summerside, P.E.I.	76 7	21 3	9 0	69	Adam and Walter Grant, J.O., Port Elgin, N.B.
117048	Evangeline	Barrington Passage	Sloop	1905	Clarke's Harbour, N.S.	30 0	11 8	6 7	11	Foster Crowell, Clarke's Harbour, N.S.
100905	Evangeline	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	36 0	12 3	4 4	10	Fenton Carroll, M.O., Chatham, N.B.

122058	Evangeline	Chatham, N.B.	Schr—Glt	1907	New Bandon, N.B.	33 8	11 5	10 2	10	Vilns Frigault, New Bandon, N.B.
92564	Evangeline	Halifax	Schr—Glt	1885	Chezzetcook, N.S.	42 5	15 8	6 3	23	John A. Neville, Halifax, N.S.
116675	Evangeline	St. Andrews	Sloop	1903	Shelburne, N.S.	37 0	13 3	5 6	15	Arthur Green, Grand Manan, N.B.
122115	Evangeline	Sydney, N.S.	Sloop	1906	Ingonish, N.S.	33 6	11 9	5 3	10	John G. Hines, M.O., Ingonish, N.S.
112281	Eveline	Digby	Schr—Glt	1902	Meteghan, N.S.	40 0	13 7	7 0	22	Geo. D. Green, Apple River, N.S.
103064	Eveline	Yarmouth	Schr—Glt	1895	Morris Island, N.S.	32 4	10 8	4 4	8	T. Moulison, Yarmouth, N.S.
138646	Eveline Wilkie	La Have	Schr—Glt	1918	Margaretsville, N.S.	138 5	32 6	12 1	349	W. N. Reinhardt, M.O., La Have, N.S.
	Evelyn	Kingston	Schr—Glt	1867	Storrington, Ont.	90 1	22 2	5 7	97	Wm. Myles, Kingston, Ont.
126814	Evelyn V. Miller	Lunenburg	Schr—Glt	1910	Mahone Bay, N.S.	109 0	26 0	11 2	99	Henry W. Adams, M.O., Lunenburg, N.S.
111945	Ewen No. 2	New Westminster	Barge—Chd	1898	New Westminster, B.C.	70 0	24 0	5 5	92	A. Ewen, New Westminster, B.C.
111944	Ewen No. 4	New Westminster	Barge—Chd	1900	New Westminster, B.C.	60 0	18 0	4 3	46	A. Ewen, New Westminster, B.C.
122627	Excavator	Chatham, N.B.	Dredge-Drague	1908	Chatham, N.B.	38 0	13 0	3 0	13	Felix Michaud, Buctouche, N.B.
138838	Excellence	Lunenburg	Schr—Glt	1918	La Have, N.S.	107 2	26 3	10 8	100	Charles Conrad, M.O., La Have, N.S.
104248	Excelsior	Halifax	Schr—Glt	1894	Spry Bay, N.S.	38 5	12 2	5 8	14	Mrs. M. W. Andrews, Isaac's Harbour, N.S.
116846	Excelsior	Owen Sound	Dredge-Drague	1906	Welland, Ont.	100 0	36 0	9 3	372	Canadian Dredging Co., Ltd., Durham, Ont.
80803	Exenia	Windsor, N.S.	Schr—Glt	1880	Cornwallis, N.S.	43 0	15 5	6 2	18	Wm. Sparks, *et al.*, Grand Manan, N.B.
125966	Exilda	Parrsboro	Schr—Glt	1908	Port Greville, N.S.	144 9	34 0	11 4	349	J. Newton Pugsley, Parrsboro, N.S.
94678	Extenuate	Halifax	Schr—Glt	1879	Mahone Bay, N.S.	34 0	11 1	5 0	10	Alex. Tough, Harrietsfield, N.S.
121714	F. No. 1	Vancouver	Scow—Chd	1904	Nanaimo, B.C.	75 0	27 0	7 0	86	John D. Foreman, Vancouver, B.C.
130486	F. No. 2	New Westminster	Barge—Chd	1910	Fraser Mills, B.C.	101 0	32 5	8 2	244	Canadian Western Lumber Co., Fraser Mills, B.C.
133898	F. A. J. E	Parrsboro	Schr—Glt	1916	Port Greville, N.S.	149 2	33 5	11 5	357	The "F.A. J. E." Co., Ltd., Halifax, N.S.
131188	F. A. R. No. 1	Peterboro	Dredge—Drague	1914	Glen Ross, Ont	60 0	22 6	5 4	63	Fred. A. Robertson and Paul Maloney, Cornwall, Ont.
131189	F. A. R. No. 2	Peterboro	Drill Scow	1914	Glen Ross, Ont	27 2	15 8	4 2	15	Fred. A. Robertson and Paul Maloney, Cornwall, Ont.
131190	F. A. R. No. 3	Peterboro	Dredge-Drague	1917	Glen Ross, Ont.	59 6	26 5	5 0	67	Fred A. Robertson and Paul Maloney, Cornwall, Ont.
111496	F. B.	Quebec	Schr—Glt	1899	Tadousac, Que.	46 4	15 5	5 6	24	Joseph E. Cloutin, Chicoutimi, Que.
107933	F. B. & Co. No. 1	New Westminster	Barge—Chd	1900	New Westminster, B.C.	70 0	26 0	4 5	82	Wm. H. Dauphine, New Westminster, B.C.
126686	F. G. No. 1	Montreal	Scow—Chd	1909	Cardinal, Ont.	40 0	20 1	4 7	92	Harbour Commissioners of Montreal, Montreal, Que.
130393	F. L. No. 1	Montreal	Scow—Chd	1902	Pictou, N.S.	52 0	22 0	6 4	76	Francis Lemoine, Montreal, Que.
130394	F. L. No. 2	Montreal	Scow—Chd	1901	St. Pierre, Miq.	46 0	20 0	6 8	64	Francis Lemoine, Montreal, Que.
130395	F. L. No. 3	Montreal	Scow—Chd	1901	St. Pierre, Miq.	46 0	20 0	5 7	53	Francis Lemoine, Montreal, Que.
138700	F. L. B. 1	Vancouver	Scow—Chd	1918	New Westminster, B.C.	90 6	32 0	8 3	206	Masset Timber Co., Ltd., Vancouver, B.C.
140920	F. L. B. 2	Vancouver	Scow—Chd	1918	New Westminster, B.C.	121 6	39 7	8 9	365	Masset Timber Co., Ltd., Vancouver, B.C.
141011	F. L. B. 3	Vancouver	Scow—Chd	1918	New Westminster, B.C.	121 6	39 7	8 9	365	Masset Timber Co., Ltd., Vancouver, B.C.
134614	F. R. B. No. 1	Sault Ste. Marie	Scow—Chd	1911	Sault Ste. Marie, Ont.	131 0	35 7	9 0	421	Alex. B. McLean, Sault Ste. Marie, Ont.
134390	F. R. B. No. 6	Sault Ste. Marie	Scow—Chd		Cleveland, Ohio, U.S.A.	63 0	18 5	6 5	76	Aaron Portnoy, Sault Ste. Marie, Ont.
134611	F. R. B. No. 7	Sault Ste. Marie	Scow—Chd		Cleveland, Ohio, U.S.A.	63 0	18 5	6 5	76	Aaron Portnoy, Sault Ste. Marie, Ont.
140971	F. R. P. D. Co. 1	New Westminster	Scow—Chd	1912	New Westminster, B.C.	65 0	22 0	5 4	60	Fraser River Pile Driving Co., Ltd., New Westminster, B.C.
140972	F. R. P. D. Co. 2	New Westminster	Scow—Chd	1912	New Westminster, B.C.	65 0	22 0	5 4	60	Fraser River Pile Driving Co., Ltd., New Westminster, B.C.
140973	F. R. P. D. Co. 3	New Westminster	Scow—Chd	1912	New Westminster, B.C.	60 0	20 0	3 0	31	Fraser River Pile Driving Co., Ltd., New Westminster, B.C.
111543	F. & R. No. 1	Vancouver	Barge—Chd	1899	New Westminster, B.C.	77 1	28 2	6 7	86	James T. Tighe Paxton, Vancouver, B.C.
111823	F. & R. No. 2	Vancouver	Barge—Chd	1897	Vancouver, B.C.	68 5	21 9	6 0	80	Albert T. Ingram, Vancouver, B.C.
116786	F. & R. No. 3	Vancouver	Barge—Chd	1904	Vancouver, B.C.	74 5	30 0	7 0	131	Wm. H. Hind, Vancouver, B.C.
112351	F. A. Georger	Brockville	Barge—Chd	1874	Tonawanda, N.Y., U.S.A.	204 6	35 2	14 6	751	The Central Coal Co., Brockville, Ont.
103198	F. B. Wade	Halifax	Schr—Glt	1895	Liverpool, N.S.	89 0	24 3	9 1	99	Frank S. Tanner, *et al.*, North Sydney, N.S., J.O.
126018	F. C. Lockhart	St. John, N.B.	Schr—Glt	1910	Annapolis Royal, N.S.	125 0	31 4	11 8	268	Grace & Co., Ltd., Montreal, Que.
90818	F. H. Burton	Kingston	Schr—Glt	1853	Dundas, Ont.	103 0	20 5	9 0	137	John Hart, *et al.*, Picton, Ont.
116708	F. W. Thompson	Quebec	Schr—Glt	1904	Leclercville, Que.	94 8	23 2	7 8	119	Alfred Moffatt and Joseph Therrien, Les Escoumains, Que.
138311	F. Blanchard	Richibucto	Yawl—Yole	1916	Richibucto, N.B.	33 0	11 0	4 5	10	Fred. Blanchard, Richibucto, N.B.
126935	F. Mary	Quebec	Schr—Glt	1911	Chateau Richer, Que.	65 3	20 3	5 8	36	Wilfrid Pedneault, Rivière du Loup, Que.
66058	Fabiola	Quebec	Schr—Glt	1872	Deschambault, Que.	100 0	22 6	9 6	147	Thomas Frenette, Portneuf, Que.
100852	[3]Fabiola	Quebec	Schr—Glt	1893	Anse St. Jean, Que.	70 2	21 9	8 5	81	J. Simard, M.O., St. Simeon, Que.
100535	Fairplay	Yarmouth	Schr—Glt	1893	Clare, N.S.	33 9	11 8	4 4	11	Luke Holmes, jr., Halifax, N.S.
100247	Fairy Queen	Halifax	Schr—Glt	1894	Sambro, N.S.	35 6	11 5	5 9	11	G. H. Nickerson, Sambro, N.S.
103001	Falcon	Chatham, N.B.	Schr—Glt	1889	Shippigan, N.B.	33 0	12 6	4 4	10	T. Ahier, Shippigan, N.B.
122304	Falcon	Lunenburg	Schr—Glt	1907	La Have, N.S.	79 2	23 2	9 2	85	Philip E. Lake, Fortune, Nfld.
122310	Falcon	Lunenburg	Sloop	1907	Tancook, N.S.	30 4	8 0	3 2	4	Keith Hudson, Cowes, Isle of Wight, G.B.
88276	Falcon	St. Andrews	Schr—Glt	1881	Eastport, Me., U.S.A.	39 0	13 0	5 7	12	Judson Stanley, Grand Manan, N.B.

[1]Formerly "Great Western." [3]Formerly a Steamer. [4]Formerly "Howard L." and Foreign name "I. H. Nickerson."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
107908	Falcon	St. Andrews	Sloop	1890	St. John, N.B.	24 0	10 2	5 0	8	Mrs. Eveleen Ingalls, Grand Manan, N.B.
130765	Fallon Bros. No. 5	Kingston	Dredge--Drague	1896	Prescott, Ont.	81 0	30 0	6 5	199	Fallon Bros., J. O., Cornwall, Ont.
103120	Falmouth	St. Andrews	Sloop	1880	Campobello, N.B.	30 0	11 4	6 0	10	W. Dalzelle, sr., Grand Manan, N.B.
74116	Fama	Halifax	Schr—Glt	1877	Sheet Harbour, N.S.	54 0	18 4	7 3	44	Wilson C. Forgeron, West Arichat, N.S.
103077	Fame	Chatham, N.B.	Schr—Glt	1891	Shippigan, N.B.	34 7	12 0	4 8	10	W. S. Loggie Co., Ltd., Chatham, N.B.
83399	Fannie, R. C.	Halifax	Sloop	1882	Mahone Bay, N.S.	42 0	15 5	6 5	22	Thos. Roberts, Cap Ozo, Que.
88462	Fannie S.	Arichat	Schr—Glt	1892	River Bourgeois, N.S.	49 4	17 0	6 7	28	Daniel Sampson, River Bourgeois, N.S.
130428	Fanny May	St. Andrews	Schr—Glt	1911	Campobello, N.B.	51 1	15 3	7 0	25	William McLellan, Campobello, N.B.
121883	Fanny Rose	Yarmouth	Sloop	1906	Tusket Wedge, N.S.	36 0	12 4	7 0	15	Charles E. Pothier, M.O., Tusket Wedge, N.S.
77763	Fanny Young	Port Hawkesbury	Schr—Glt	1880	Shelburne, N.S.	80 0	22 5	9 1	85	W. T. Eastman and B. Buffett, North Sydney, N.S.
138758	Farlings	Halifax	Schr—Glt	1918	Weymouth, N.S.	139 5	34 4	12 5	414	Farquhar & Co., Ltd., Halifax, N.S.
100467	Faucon	Quebec	Sloop	1889	Quebec, Que.	44 8	14 2	4 6	18	P. M. Duchene, Quebec, Que.
61302	Favourite	Victoria	Schr—Glt	1868	Sooke, B.C.	71 5	22 0	8 5	80	British Columbia & Labrador Fisheries, Ltd., Victoria, B.C.
75614	Fawn	Digby	Schr—Glt	1877	Shelburne, N.S.	43 6	15 7	6 2	17	James E. Ogilvie, Parrsboro', N.S.
138051	Fee	Chatham, N.B.	Schr—Glt	1916	Lamek, N.B.	41 0	13 6	6 0	18	Zoel Poulin, Lamek, N.B.
122095	Felton C.	Yarmouth	Sloop	1906	Cape Island, N.S.	36 0	13 0	7 0	16	Russell B. Wyman, Yarmouth, N.S.
126728	Fenelon	Peterboro'	Scow—Chd	1903	Peterboro, Ont.	71 0	26 0	4 6	146	The Minister of Railways and Canals, Ottawa, Ont.
130599	Ferguson	Halifax	Dredge--Drague	1912	Welland, Ont.	80 3	36 4	8 0	387	The Halifax Dredging Co., Ltd., Halifax, N.S
122621	Fillora	Chatham, N.B.	Schr—Glt	1908	Lamek, N.B.	37 3	12 8	6 3	18	James P. Chiasson, Lamek, N.B.
130576	Filmore H.	Lunenburg	Schr—Glt	1907	Lunenburg, N.S.	40 2	10 6	5 6	11	Albert Hubley, Pleasantville, N.S.
138422	Filter	Paspebiac	Schr—Glt	1916	Grand River, Que.	38 7	12 4	3 8	11	Robin, Jones & Whitman, Ltd., Halifax, N.S.
107902	Fin Back	St. Andrews	Sloop	1898	St. John, N.B.	40 0	15 0	6 0	24	Frank Ingersoll, Grand Manan, N.B.
130338	Financier	Chatham, N.B.	Schr—Glt	1911	Bay du Vin, N.B.	34 0	9 7	5 0	10	W. B. Williston, Hardwicke, N.B.
121874	Finettie May	Yarmouth	Sloop	1906	Yarmouth, N.S.	33 0	11 3	6 0	12	Judson A. Crocker, Yarmouth, N.S.
116882	Fiona	Arichat	Schr—Glt	1903	Port Felix, N.S.	35 0	10 6	6 2	10	Martin Petrine, Larry's River, N.S.
92607	First Trial	Sydney, N.S.	Schr—Glt	1889	Ingonish, N.S.	31 6	11 7	5 9	9	J. C. Baker, North Sydney, N.S.
121804	Fish Hawk	Yarmouth	Sloop	1904	Cape Island, N.S.	31 0	11 0	6 0	10	G. A. Swim, M.O., Clarke's Harbour, N.S.
138616	Fish Hunter	Chatham, N.B.	Schr—Glt	1918	Eel River, N.B.	34 6	11 0	4 5	10	John Muse, Eel River, N.B.
130654	Fish Seeker	Chatham, N.B.	Schr—Glt	1911	Caraquet, N.B.	40 5	13 5	6 0	20	Gustave Joseph Gallien, Caraquet, N.B.
100298	Fisher	Chatham, N.B.	Schr—Glt	1891	Shippigan, N.B.	35 4	11 6	5 0	12	Andre D. Chiasson, Lamek, N.B.
66749	Flash	Halifax	Schr—Glt	1875	Liverpool, N.S.	47 0	16 0	6 7	24	J. H. Lane, Owl's Head, N.S.
80065	Flash	St. John, N.B.	Schr—Glt	1881	Indiantown, N.B.	76 4	26 0	7 6	91	Amos Tower, St. John, N.B.
92511	Fleet Wing	St. Andrews	Schr—Glt	1887	Westport, N.S.	29 0	11 3	5 0	11	Addison Mathews, St. George, N.B.
111468	Fleetwing	Chatham, N.B.	Schr—Glt	1901	Shippigan, N.B.	38 8	12 6	5 4	14	Wm. Fruing & Co., Ltd., Jersey, C.I.
88227	Fleetwing,	Halifax	Schr—Glt	1884	Chezzetcook, N.S.	47 5	18 2	7 8	32	George L. Avery, Larry's River, N.S.

107665	Fleetwing	Quebec	Schr—Glt	1898	Seven Islands, Que	59 2	18 2	6 2	42	Elie Imbeault, St. Irenee, Que.
85476	Fleetwing	Shelburne	Schr—Glt	1877 / 1897	Jordan River, N.S.	38 6	13 2	5 6	15	Wm. McMillan, Lockeport, N.S.
90776	Fleetwing	Windsor, Ont	Schr—Glt	1863	Wilson, N.Y., U.S.A.	108 6	24 0	7 9	162	Joseph Cochrane, Port Colborne, Ont.
116967	Fleur de Lis	St. Andrews	Schr—Glt	1879	Gloucester, Mass., U.S.A.	36 2	13 2	5 6	16	A. G. Boyne, St. John, N.B.
100868	Fleur de Marie	Quebec	Schr—Glt	1893	St. Siméon, Que.	61 4	20 2	6 4	49	Mrs. M. Boudreault, *et al.*, Les Eboulements, Que.
122146	Flirt	Yarmouth	Sloop	1906	Tusket Wedge, N.S.	36 0	13 0	6 6	16	H. DeW. Smith, Port La Tour, N.S.
103743	Flo F. Mader	Lunenburg	Schr—Glt	1896	Mahone Bay, N.S.	91 7	25 0	10 4	100	Charles U. Mader, *et al.*, Mahone Bay, N.S.
134489	Floating Concrete Mixer	Montreal	Scow—Chd	1915	Montreal, Que.	101 2	34 8	5 9	308	Harbour Commissioners of Montreal, Montreal, Que.
126770	Floating Crane No. 1	Montreal	Scow—Chd	1908	Barrow, G. B.	200 5	43 1	9 2	445	Harbour Commissioners of Montreal, Montreal, Que.
83367	Flora	Quebec	Schr—Glt	1880	Portneuf, Que.	76 1	20 2	6 3	65	J. B. Dussault, Portneuf, Que.
107906	Flora	St. Andrews	Sloop	1896	West Isles, N.B.	30 0	12 2	6 2	14	Grant L. Dakin, Grand Manan, N.B.
122046	Flora	St. Andrews	Schr—Glt	1866	Essex, Mass., U.S.A.	55 0	17 2	6 5	34	Clarence and Wesley Newton, J.O., Grand Manan, N.B.
111552	Flora B	St. Andrews	Sloop	1894	Grand Manan, N.B.	32 0	12 4	5 0	13	Nelson Ingersoll, Grand Manan, N.B.
83098	Flora Bell	Port Hawkesbury	Schr—Glt	1884	Mabou, N.S.	50 5	19 2	7 1	39	Gabriel White, Margaree, N.S.
71167	Flora Carveth	Whitby	Schr—Glt	1873	Mill Point, Ont.	115 0	23 5	8 9	190	Wm. Q. Stobo, Quebec, Que.
117163	Flora M	Windsor, N.S.	Schr—Glt	1906	Hantsport, N.S.	97 0	27 0	9 5	145	Burton E. Merriam, *et al.*, Parrsboro, N.S.
116290	Flora M. J	Halifax	Schr—Glt	1904	Mahone Bay, N.S.	75 6	22 8	8 7	78	F. W. Bissett, Halifax, N.S.
130781	Flora Mathews	Port Hawkesbury	Schr—Glt	1912	Eastern Harbour, N.S.	46 9	12 2	7 4	16	Anselm Cormier, Point Cross, N.S.
94834	Flora Woster	St. Andrews	Schr—Glt	1873	Wiscasset, Me., U.S.A.	40 4	13 0	5 7	22	Henry Burnham, Grand Manan, N.B.
116306	Florence	Charlottetown	Schr—Glt	1905	Rusticoville, P.E.I.	81 3	24 0	8 0	74	J. Gallant, Rusticoville, P.E.I.
122086	Florence	Charlottetown	Schr—Glt	1907	Murray Harbour, P.E.I.	34 0	11 6	5 6	14	J. A. Harding, Souris, P.E.I., and James Jerrior, jr., Georgetown, P.E.I., J.O.
96774	Florence	Port Hawkesbury	Schr—Glt	1894	Cheticamp, N.S.	33 0	11 4	5 1	11	Thos. Power, Cheticamp, N.S.
116968	Florence	St. Andrews	Sloop	1894	Bristol, Me., U.S.A.	36 2	14 2	7 2	18	J. F. Eldridge, Beaver Harbour, N.B.
80001	Florence	St. John, N.B	Schr—Glt	1879	Chance Harbour, N.B.	37 8	14 4	6 0	15	John Kirby, Chipman's Brook, N.S.
.....	Florence	Windsor, Ont	Scow—Chd	1862	Belle River, Ont.	60 0	15 6	3 4	32	H. Campeau, Belle River, Ont.
80829	Florence B	Arichat	Schr—Glt	1880	New Dublin, N.S.	52 4	17 9	7 2	32	Alex. N. Baker, *et al.*, J. O. Porrierville, N.S.
121877	Florence C	Liverpool	Sloop	1906	Pinkney's Point, N.S.	35 6	12 0	7 0	15	Chas. W. Gallehew, Liverpool, N.S.
46907	Florence C. Lawrence	Port Hawkesbury	Schr—Glt	1864	Margaree, N.S.	71 6	21 6	9 1	70	William Buckle, Margaree, N.S.
117093	Florence D	Arichat	Schr—Glt	1905	Port Felix, N.S.	36 0	12 0	5 8	11	W. & C. H. Mitchell, Ltd., Halifax, N.S.
112282	Florence H	Digby	Schr—Glt	1902	Maitland, N.S.	40 0	13 0	5 6	20	J. A. Moore, Westport, N.S.
100383	Florence L	Sydney, N.S.	Schr—Glt	1894	Little Bras d'Or, N.S.	34 8	12 5	5 1	10	Peter LeBlanc, Little Bras d'Or, N.S.
80870	Florence M	Amherst, N.S.	Schr—Glt	1906	Wallace, N.S.	76 7	21 9	8 0	76	John W. Hiscock, Burges, Nfld.
112380	Florence M	Arichat	Schr—Glt	1903	L'Ardoise, N.S.	49 5	15 4	6 5	25	Frank G. Konig, Sydney, N.S.
116348	Florence M	Arichat	Schr—Glt	1903	Petite de Grat, N.S.	39 4	11 2	6 4	16	Robert Fudge, North Sydney, N.S.
122106	Florence M	Port Medway	Sloop	1905	Barrington, N.S.	30 0	11 0	6 6	10	John L. Darrow, West Berlin, N.S.
122249	Florence May	Digby, N.S.	Schr—Glt	1901	Eastport, Me., U.S.A.	36 5	14 8	7 2	14	Alfred Boutilier, Centreville, N.S.
88357	Floresta	Halifax	Schr—Glt	1884	Parrsboro', N.S.	65 0	21 0	7 9	57	Thos. Gosbee, Murray Harbour, P.E.I.
85459	Florida	Quebec	Schr—Glt	1877	Bic, Que.	37 0	13 5	4 3	13	Wm. Michaud, Isle Verte, Que.
85754	Florida	Quebec	Schr—Glt	1882	Betchouan, Labrador	48 0	17 5	6 4	26	Geo. Tanguay, Quebec, Que.
103351	Floride	Quebec	Schr—Glt	1894	Natashquan, Que	46 6	16 6	6 0	27	Nap. Blais, Esquimaux Point, Que.
88348	[1]Florrie V	Arichat	Schr—Glt	1884 / 1905	Conquerall, N.S. / St. Peter's, N.S.	80 2	23 9	9 2	97	Edward LeBlanc, Arichat, N.S.
141083	Flowerdew	Shelburne	Schr—Glt	1918	Shelburne, N.S.	111 9	31 9	12 3	306	John B. Pattern, Grand Bank, Nfld.
103902	Floyburg	Victoria	Schr—Glt	1893	Seattle, Wash, U.S.A.	34 8	11 3	4 8	12	Rasmus Hansen, Victoria, B.C.
83255	Floyd	Barrington Passage	Schr—Glt	1883	Granville, N.S.	43 2	15 8	5 8	20	John Arseneau, Little Bras d'Or, N.S.
61405	Fly	Chatham, N.B	Schr—Glt	1866 / 1894	Shippigan, N.B. / Tracadie, N.B.	36 1	12 1	4 8	11	A. McLaughlin, Tracadie, N.B.
116273	Fly	Halifax	Schr—Glt	1903	Jeddore, N.S.	37 6	11 8	5 2	10	John Faulkner, Jeddore, N.S.
112373	Flying Cloud	Arichat	Schr—Glt	1902	Guysboro', N.S.	42 0	10 7	6 9	13	Simon Mannett, Larry's River, N.S.
112165	Flying Cloud	Chatham, N.B	Schr—Glt	1903	Shippigan, N.B.	37 8	13 2	5 2	13	John F. Robichaud, Shippigan, N.B.
112151	Flying Foam	Chatham, N.B	Schr—Glt	1902	Caraquet, N.B.	40 0	13 0	5 8	18	Robin Jones & Whitman, Ltd., Halifax, N.S.
103317	Flying Star	Port Hawkesbury	Schr—Glt	1895	Cheticamp, N.S.	32 5	10 8	5 5	11	Polite Deveaux, Eastern Harbour, N.S.
88672	Flying Yankee	St. John, N.B	Schr—Glt	1884	Newcastle, N.B.	54 8	19 6	5 7	35	Thomas A. Farris, Waterborough, N.B.
138421	Focus	Paspebiac	Schr—Glt	1916	Grand River, Que.	37 8	12 1	3 7	12	Robin, Jones & Whitman, Ltd., Halifax, N.S.

[1]Formerly "Cymbeline."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F. *Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
103833	Foederis Arca	Quebec	Schr—Glt	1896	Les Ecureuils, Qué	66 3	20 7	5 8	46	Pierre Boucher, Riviere Ouelle, Que.
126717	Forest Maid	Halifax	Schr—Glt	1877	Newburyport, Mass., U.S.A.	67 2	18 2	6 0	43	Daniel Boudreau, Port Felix, N.S.
55531	Forest Queen	Halifax	Schr—Glt	1867	Tracadie, N.B.	67 4	21 8	9 0	75	P. D. Landry, St. Mary's, Kent, Co., N.B.
85393	Formosa	Magdalen Islands	Schr—Glt	1881	House Harbour, Magdalen Islands, Que.	57 2	18 8	8 1	43	Theophane Theriault, House Harbour, M.I., Que.
130273	Fort Alexander	Winnipeg	Barge—Chd	1911	Selkirk, Man.	142 0	30 0	7 6	316	Manitoba Transport, Co., Ltd., Winnipeg, Man.
130298	Fort No. 1	Vancouver	Scow—Chd	1910	New Westminster, B.C.	61 0	26 1	7 0	99	Mrs. W. H. Hind, Vancouver, B.C.
117059	Fortuna	Canso	Schr—Glt	1907	Tancook, N.S.	43 0	11 9	5 7	14	John H. Cousins, jr., Canso, N.S.
116479	Fortuna	Chatham, N.B.	Schr—Glt	1903	Pt. Misonette, N.B.	34 0	10 2	4 5	10	Prospere Boudreau, Point Misonette, N.B.
130403	Foundation Co., No 1 (The).	Montreal	Scow—Chd	1910	Lachine, Que.	62 0	26 0	4 8	65	The Foundation Co., Ltd., Montreal, Que.
130404	Foundation Co., No. 2 (The).	Montreal	Scow—Chd	1910	Lachine, Que.	62 4	25 8	4 9	63	The Foundation Co., Ltd., Montreal, Que.
130405	Foundation Co., No. 3 (The).	Montreal	Scow—Chd	1910	Lachine, Que.	79 0	25 7	5 0	84	The Foundation Co., Ltd., Montreal, Que.
111467	Four Brothers	Chatham, N.B.	Schr—Glt	1901	Caraquet, N.B.	39 0	13 0	5 0	13	Aurie Albert, Caraquet, N.B.
133998	Fowlie	Chatham, N.B.	Dredge-Drague	1913	Little Branch, N.B.	34 0	14 5	3 8	20	Frederick A. Fowlie, Little Branch, N.B.
116676	Fram	St. Andrews	Sloop	1896	West Isles, N.B.	39 0	13 0	6 0	17	Orville Wilcox, Grand Manan, N.B.
83449	Frances	Victoria	Sloop	1864	Coupeville, Wash., U.S.A.	32 0	10 6	4 0	8	William T. Cotsford, Victoria, B.C.
100691	Frances E. Willard	Charlottetown	Schr—Glt	1893	Murray Harbour, P.E.I.	46 8	15 4	6 3	23	James H., and Daniel Skinner, J.O., Georgetown, P.E.I.
138553	Frances Gardner	Lunenburg	Schr—Glt	1917	Shelburne, N.S.	110 0	26 3	10 9	98	Arthur Ritcey, M.O., LaHave, N.S.
122247	Frances L.	St. Andrews	Sloop	1906	White Head, N.B.	29 0	11 0	4 5	10	Spencer Cheney, White Head, Grand Manan, N.B.
138546	Frances Louise	Lunenburg	Schr—Glt	1917	Lunenburg, N.S.	125 6	28 2	10 2	147	Henry W. Adams, M.O., Lunenburg, N.S.
134399	Frances W. Smith	Lunenburg	Schr—Glt	1914	Lunenburg, N.S.	105 0	26 3	10 4	97	Foreman Mossman, M.O., Rose Bay, N.S.
111401	Frances Willard	Lunenburg	Schr—Glt	1900	Chester Basin, N.S.	90 0	24 5	9 8	85	Manuel J. Young, Bay of Islands, Nfld.
121872	Francis A.	Yarmouth	Schr—Glt	1906	Shelburne, N.S.	84 0	22 5	9 3	93	Henry A. Amiro, Yarmouth, N.S.
116308	Francis D. Cook	Charlottetown	Schr—Glt	1905	Murray River, P.E.I.	55 4	19 3	7 6	47	Reuben Cahoon, M.O., Murray Harbour, P.E.I.
126752	Francis Lemoine	Montreal	Dredge-Drague	1901	St. Pierre et Miquelon	78 0	30 0	6 0	232	Francis Lemoine, Montreal, Que.
103612	Francois Xavier	Quebec	Sloop	1894	St. Joachim, Que.	61 0	18 2	4 8	33	F. X. Neron, St. Joachim, Que.
88519	Frank	Halifax	Schr—Glt	1884	Lockeport, N.S.	37 0	13 0	5 4	12	David M. Petits, Parrsboro', N.S.
92671	Frank	Pictou, N.S.	Sloop	1887	Wallace, N.S.	41 7	13 7	5 2	17	Francis K. Grant, Wallace, N.S.
130321	Frank D. Ewen	Montreal	Barge—Chd	1888	West Bay City, Mich., U.S.A.	202 4	34 8	15 5	878	George Hall Coal Company of Canada, Ltd., Montreal, Que.
126727	Frank Fairen	Peterboro	Scow—Chd	1909	Peterboro, Ont.	40 4	16 4	2 0	29	The Minister of Railways and Canals, Ottawa, Ont.
130325	Frank J. Brinton	Lunenburg	Schr—Glt	1912	Muhone Bay, N.S.	96 2	25 0	10 3	92	Wm. Gilfoy, M.O., Lunenburg, N.S.

134240	Frank Q	Montreal	Scow—Chd	1911	Montreal, Que	110 3	28 2	7 2	174	Quinlan & Robertson Co., Ltd., Montreal, Que.
130454	Fraser Mills No. 3	Vancouver	Scow—Chd	1910	Fraser Mills, B.C.	83 2	34 6	8 5	227	Canadian Western Lumber Co., Ltd., Fraser Mills, B.C.
138728	Fraser Mill No. 4	New Westminster	Scow Chd	1910	Fraser Mills, B.C.	80 0	30 0	7 0	143	Canadian Western Lumber Co., Ltd., Vancouver, B.C.
130495	Fraser Mills No. 5	New Westminster	Barge—Chd	1910	Fraser Mills, B.C.	83 2	34 6	8 5	227	Canadian Western Lumber Co., Ltd., Fraser Mills, B.C.
117045	Fred C	Barrington Passage,	Sloop	1905	Clarke's Harbour, N.S.	33 8	11 8	6 2	12	S. C. Mitchell and W. F. Washburn, St. John, N.B.
138237	Fred Carney	Montreal	Sloop	1883 1917	Milwaukee, Wis., U.S.A. Sorel, Que.	153 2	30 1	13 7	425	The Barge Twin Sisters Co., Ltd., Montreal, Que.
80886	[3]Fred Greene	St. Andrews	Schr—Glt	1881 1909	St. Andrews, N.B. Kingsport, N.S.	68 0	18 0	6 2	43	John and Daniel Desmond and A. Phinney, Parrsboro, N.S.
126776	Fred H	Richibucto	Schr—Glt	1911	Richibucto, N.B.	41 0	12 3	5 2	14	W. E. Forbes, Richibucto, N.B.
134007	Fred L	Chatham, N.B.	Schr—Glt	1914	Lamek, N.B.	39 0	13 4	6 0	18	Frederick Lanteigne, Lamek, N.B.
121907	Freda N. Nickerson	Barrington Passage	Sloop	1906	Clarke's Harbour, N.S.	31 0	12 2	6 0	12	Prince W. Nickerson, Cape Island, N.S.
103116	[4]Freddie A. Higgins	Charlottetown	Schr—Glt	1882	Kennebunk, Me., U.S.A.	80 6	24 2	6 2	78	Wm. Trenholm, Louisburg, N.S.
107915	Freddie L	St. Andrews	Sloop	1895	Quaco, N.B.	32 2	11 7	7 5	15	Charles E. Leighton, Grand Manan, N.B.
121697	Freddie M.	Yarmouth	Sloop	1904	Cape Island, N.S.	31 0	11 5	6 0	10	N. Crowell, Cape Island, N.S.
71333	Freddie M. Reynolds	Barrington Passage	Schr—Glt	1875	Clyde, N.S.	54 6	18 9	7 9	35	Geo. W. McKay, Clifton, P.E.I.
121793	Fredena	Yarmouth	Sloop	1904	Cape Island, N.S.	32 0	11 0	6 0	10	S Hopkins, Cape Island, N.S.
97046	Fredona	Liverpool	Schr—Glt	1890	East Berlin, N.S.	35 0	12 0	5 1	12	J. W. Remby, *et al.*, West Dublin, N.S.
111746	Fredonia	Lunenburg	Schr—Glt	1902	Mahone Bay, N.S.	86 8	23 9	9 8	92	R. A. Watson, East Orange, N.J., U.S.A.
97146	Free Trade	St. Andrews	Sloop	1885	West Isles, N.B.	30 0	12 3	6 0	10	Wm. Benson, Grand Manan, N.B.
133991	Free and Easy	Chatham, N.B.	Schr—Glt	1913	Hardwicke, N.B.	30 0	10 2	4 8	10	William G Mills, Hardwicke, N.B.
77963	Freeman Colgate	St. Andrews	Schr—Glt	1876	South Bristol, Me., U.S.A.	52 0	16 0	6 2	26	S. Hicks, *et al.*, Westport, N.S.
122612	[1]Freeport	Ottawa	Barge—Chd	1875	Clayton, N.Y., U.S.A.	145 0	26 4	9 8	276	Alphonse A. Larocque, Montreal, Que.
126857	[2]Frieda	Sorel	Barge—Chd	1887 1911	Ft. Edward, N.Y., U.S.A. Sorel, Que.	87 0	17 2	6 2	98	David Chevrier, St. Joseph de Sorel, Que.
138477	Freida E	Parrsboro	Schr—Glt	1918	Port Greville, N.S.	199 0	36 9	19 0	669	H. W. Elderkin, *et al.*, Port Greville, N.S.
85969	Friendship	St. John, N.B.	Schr—Glt	1882	St. Martin's N.B.	70 8	25 0	6 6	66	George W. Bullerwell, Parrsboro, N.S.
130665	Fulta	Richibucto	Schr—Glt	1912	Richibucto, N.B.	38 0	11 5	5 0	14	George H. Long, Richibucto, N.B.
126098	Fundy	St. Catharines	Dredge-Drague	1909	Welland, Ont.	120 0	42 7	9 5	597	Dominion Dredging Co., Ltd., Ottawa, Ont.
126700	G. C. C. No. 7	Montreal	Scow—Chd	 1909	Unknown Cornwall, Ont.	53 5	17 8	5 3	49	Lyon Cohen, Montreal, Que.
126751	G. C. C. No. 8	Montreal	Scow—Chd	 1909	Unknown Cornwall, Ont.	46 5	17 0	4 8	38	Lyon Cohen, Montreal, Que.
133832	G. D. No. 2	Montreal	Barge—Chd	1913	Grenville, Que.	122 8	24 0	7 6	202	George Dansereau, Grenville, Que.
133833	G. D. No. 3	Montreal	Barge—Chd	1913	Grenville, Que.	88 7	21 3	6 5	98	George Dansereau, Grenville, Que.
134439	G. of G. No. 1	Vancouver	Scow—Chd	1909	New Westminster, B.C.	70 0	26 0	6 8	113	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
137949	G. of G. No. 2	Vancouver	Scow—Chd	1912	North Vancouver, B.C.	86 5	28 2	6 2	123	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
134440	G. of G. No. 3	Vancouver	Scow—Chd	1915	Vancouver, B.C.	47 7	19 8	5 5	46	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
138161	G. of G. No. 4	Vancouver	Scow—Chd	1912	Eburne, B.C.	86 6	31 8	9 3	230	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
138532	G. of G. No. 5	Vancouver	Scow Chd	1911	Victoria, B.C.	97 8	36 0	7 6	228	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
138535	G. of G. No. 6	Vancouver	Scow—Chd	1911	Victoria, B.C.	80 5	30 2	7 5	148	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
141039	G. M. 1	Vancouver	Scow Chd	1909	New Westminster, B.C.	81 2	26 0	6 8	122	Gosse-Millerd Packing Co., Ltd., Vancouver, B.C.
133686	G. Q. L. No. 1	Victoria	Barge—Chd	1911	Victoria, B.C.	90 0	30 0	8 0	168	Joshua Kingham, Victoria, B.C.
134030	G. Q. L. No. 2	Victoria	Barge—Chd	1911	Victoria, B.C.	90 0	30 9	8 0	168	C. P. Wolley and F. H. Stirling, Victoria, B.C.
133687	G. Q. L. No. 3	Victoria	Barge—Chd	1911	Victoria, B.C.	90 0	30 0	8 0	168	Albert Berquist, Victoria, B.C.
133688	G. Q. L. No. 4	Victoria	Barge—Chd	1912	Victoria, B.C.	95 0	32 0	8 0	193	Mrs. Georgina P. Roberts, Victoria, B.C.
133689	G. Q. L. No. 5	Victoria	Barge—Chd	1912	Victoria, B.C.	95 0	32 0	8 0	193	Mrs. Georgina P. Roberts, Victoria, B.C.
133690	G. Q. L. No. 6	Victoria	Barge—Chd	1912	Victoria, B.C.	90 0	30 0	4 0	173	Albert Berquist, Victoria, B.C.
138676	G. S. M. No. 60	Prince Rupert	Scow-Chd	1916	Georgetown, B.C.	46 4	22 2	5 1	50	Georgetown Sawmill Co., Ltd., Prince Rupert, B.C.
140931	G. S. McD. Co. No. 1	Victoria	Barge—Chd	1913	New Westminster, B.C.	117 8	39 8	9 2	370	Grant Smith & Co. & McDonnell, Limited, Vancouver, B.C.
134122	[6]G. S. McD. Co. No. 2.	Victoria	Barge—Chd	1913	New Westminster, B.C.	117 8	39 8	9 2	375	Grant Smith & Co. & McDonnell Limited, Vancouver, B.C
134123	[6]G. S. McD. Co. No. 3.	Victoria	Barge—Chd	1913	New Westminster, B.C.	117 8	39 8	9 2	375	Grant Smith & Co. & McDonnell Limited, Vancouver, B.C.
140932	G. S. McD. Co. No. 4	Victoria	Barge—Chd	1912	New Westminster, B.C.	120 5	40 0	9 4	358	Grant Smith & Co. & McDonnell, Limited, Vancouver, B.C.
140933	G. S. McD. Co. No. 5	Victoria	Barge—Chd	1912	New Westminster, B.C.	120 5	40 0	9 1	358	Grant Smith & Co. & McDonnell, Limited, Vancouver, B.C.

[1]Foreign name "Black Diamond." [2]Foreign name "J. L. Mock." [3]Formerly "Annie." [4]A recovered wreck. [5]Formerly "E. E. H. H." [6]Formerly "E. E. H. III."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada, au 31 décembre 1918.

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Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
140934	G. S. McD. Co. No. 6.	Victoria	Barge—Chd..	1912	New Westminster, B.C....	80 6	40 0	6 5	173	Grant Smith & Co. & McDonnell, Limited, Vancouver, B.C.
140935	G. S. McD. Co. No.7	Victoria	Barge—Chd....	1915	Victoria, B.C.	84 6	40 0	6 9	192	Grant Smith & Co. & McDonnell, Limited, Vancouver, B.C.
97096	[3]G. T. D.	Quebec	Schr—Glt....	1890	Bridgewater, N.S....	123 0	30 0	12 2	285	Quebec Salvage & Wrecking Co., Ltd., Montreal, Que.
138674	[7]G. T. P. No. 1.	Prince Rupert	Barge—Chd ...	1915	Portland, Ore., U.S.A...	151 0	38 0	9 8	445	Grand Trunk Pacific Railway Company, Montreal, Que.
138675	[8]G. T. P. No. 2.	Prince Rupert	Barge—Chd .	1915	Portland, Ore., U.S.A....	152 8	39 1	9 9	459	Grand Trunk Pacific Railway Company, Montreal, Que.
107927	G. & K. No. 1.	New Westminster	Barge—Chd....	1900	Ladner, B.C....	50 0	16 0	4 5	33	D. B. Grant, M.O., Ladner, B.C.
121785	G. A. Grier	Ottawa	Barge—Chd..	1906	Hull, Que.	121 8	24 1	8 1	196	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
138397	G. A. Rhuland	Lunenburg	Schr—Glt....	1917	Lunenburg, N.S.	112 2	26 3	10 4	100	Clarence Myra, M.O., LaHave, N.S.
122644	G. C. Edwards..	Ottawa	Barge—Chd..	1908	Hull, Que.	119 7	24 1	8 0	191	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
138792	G. H. Marie	Quebec	Schr—Glt....	1915	Isle aux Coudres, Que....	47 1	17 0	6 5	27	Germain Harvey, Isle aux Coudres, Que.
85382	G. H. Marryatt	Halifax	Schr—Glt....	1883	Mahone Bay, N.S.	42 2	16 0	6 6	24	J. O'Toole, Louisburg, N.S.
126407	G. H. Millen	Ottawa	Barge—Chd...	1909	Hull, Que.	108 0	22 9	7 2	148	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
100311	G. H. Perry.	Yarmouth	Schr—Glt....	1891	Meteghan, N.S.	81 0	27 0	8 0	99	Aldreado McDonough, St. Martins, N.B.
122015	G. H. Warmington.	Montreal	Schr—Glt....	1872	Vermaillion, O., U.S.A....	178 4	31 6	12 5	502	The Barge Ireland Co., Ltd., Montreal, Que.
130438	G. K. Jackson	Sarnia	Schr—Glt	1882	Marine City, Mich., U. S. A.	164 0	31 0	9 0	353	The Peninsular Tug & Towing Co., Ltd., Wiarton, Ont.
122282	G. M. Stephens...	Shelburne	Sloop	1906	Shelburne, N.S....	35 6	11 5	6 4	12	Lindsay Zwicker, Indian Harbour, N.S.
122488	G. Bluteau	Quebec	Sloop..	1907	La Petite Rivière St. Francois Xavier, Que...	63 6	19 6	5 2	39	Philippe Harvey, Baie St. Paul, Que.
130490	G. Jax	Vancouver	Sloop....	1911	New Westminster, B.C...	95 0	32 0	9 0	249	Vancouver Machinery Depot, Ltd., West Vancouver, B.C.
116207	Gabriel A.	Yarmouth	Sloop....	1903	Comeau's Hill, N.S.	39 0	13 4	8 0	17	David Sproule, Digby, N.S.
116713	Gabriel de St. Nicholas.	Quebec	Sloop....	1903	Portneuf, Que.	45 6	15 0	5 0	21	Leandre Bouchard, Portneuf, Que.
100778	Gambetta..	Chatham, N.B.	Schr—Glt....	1891 1897	Caraquet, N.B. Re-built	36 0	12 8	5 4	13	W. S. Loggie Co., Ltd., Chatham, N.B.
122622	Gander	Chatham, N.B.	Schr—Glt....	1908	Bay du Vin, N.B.	32 9	10 0	4 9	10	Harold Williston, Bay du Vin, N.B.
140944	Gardner No. 3	Victoria	Barge—Chd...	1913	Victoria, B.C.	60 0	21 5	5 1	54	Wm. E. Gardner, Victoria, B.C.
140945	Gardner No. 7	Victoria	Barge—Chd ...	1913	Victoria, B.C.	75 0	28 2	6 6	114	Wm. E. Gardner, Victoria, B.C.
140946	Gardner, No. 8 ..	Victoria	Barge—Chd....	1914	Victoria, B.C.	51 7	19 8	4 7	34	Wm. E. Gardner, Victoria, B.C.
140947	Gardner No. 9	Victoria	Barge—Chd ..	1914	Victoria, B.C.	60 0	24 0	5 0	58	Wm. E. Gardner, Victoria, B.C.
140948	Gardner No. 11	Victoria	Barge—Chd ..	1914	Victoria, B.C.	65 8	24 0	5 5	70	Wm. E. Gardner, Victoria, B.C.
116525	Gatherer	Lunenburg	Schr—Glt	1905	Lunenburg, N.S.	44 4	13 4	6 2	15	John J. Stubbert, Bluff Harbour, Labrador.
100919	Gazelle..	Chatham, N.B.	Schr—Glt....	1892	Caraquet, N.B.	37 2	13 0	5 0	12	The C. Robin, Collas, Co., Ltd., Halifax, N.S.
111464	Gazelle...	Chatham, N.B.	Schr. Glt....	1901	Caraquet, N.B.	38 5	13 0	5 3	13	Robin Jones, & Whitman, Ltd., Halifax, N.S.
100954	Gazelle	Chatham, N.B.	Schr—Glt....	1890	Caraquet, N.B.	36 8	12 2	4 6	10	W. S. Loggie Co., Ltd., Chatham, N.B.

83260	Gazelle	Digby	Schr—Glt	1883	Granville, N.S.	45	8	15	5	6	3	20	R. B. Harris, *et al.*, Kentville, N.S.
59379	Gazelle	St. Andrews	Schr—Glt	1869	Pembroke, Me., U.S.A.	57	0	18	5	8	0	47	Wm. Dewey, *et al.*, Sackville, N.B.
96733	Gem	Chatham, N.B.	Schr—Glt	1890	Tracadie, N.B.	35	1	11	7	5	0	12	Wm. Fruing & Co., Ltd., Jersey, C.I.
100968	Gem	Chatham, N.B.	Schr—Glt	1888	Caraquet, N.B.	35	0	12	2	4	5	11	C. Robin, Collas & Co., Ltd., Halifax, N.S.
111774	Gem	Victoria	Schr—Glt	1898	Metlakatla, B.C.	45	0	14	6	4	6	15	Luke Mark, Massett, B.C.
141161	General George C. Hogg.	Parrsboro	Schr—Glt	1918	Canning, N.S.	146	5	34	5	12	5	407	"B" Shipping Co., Ltd., St. John's, Nfld.
138557	General Haig	Lunenburg	Schr—Glt	1918	Lunenburg, N.S.	118	2	26	8	10	6	109	B. C. Smith, M.O., Lunenburg, N.S.
112192	General Meade	Chatham, Ont.	Dredge- Drague		Toledo, O., U.S.A.	72	5	28	5	7	0	244	C. S. Boone Dredging & Constr'on Co.,Ltd., Toronto, Ont.
88668	General Middleton	Chatham, N.B.	Schr—Glt	1885	Bay du Vin, N.B.	68	5	21	5	8	4	67	William McLure, Pictou, N.S.
103766	Genesta	Chatham, N.B.	Schr—Glt	1896	Caraquet, N.B.	34	9	12	0	5	0	12	Joseph P. Chiasson, Shippigan, N.B.
90711	Genesta	Halifax	Schr—Glt	1885	Mahone Bay, N.S.	58	9	19	0	7	2	41	Augustus Vincent, Bay St. George, Nfld.
92673	Genesta	Pictou, N.S.	Schr—Glt	1887	Murray Harbour, P.E.I.	42	3	15	5	6	3	22	Angus Nicholson, North Sydney, C.B., N.S.
121885	Genesta	Yarmouth	Sloop	1906	Pubnico, N.S.	35	0	11	5	6	6	13	William M. D'Entremont, M.O., Pubnico, N.S.
100818	Geneva Ethel	Barrington Passage	Schr—Glt	1894	Lockeport, N.S.	54	7	17	2	7	6	29	Martin Meagher, Canso, N.S.
111876	Geneva May	Yarmouth	Schr—Glt	1902	Pubnico N.S.	71	5	21	0	8	0	72	Leander Amiro, Pubnico, N.S.
112223	Genevieve	St. John, N.B.	Schr—Glt	1902	Canning, N.B.	88	1	28	1	7	8	124	Ernest C. McDader, Parrsboro, N.S.
117041	Genevieve	Barrington Passage	Sloop	1903	Shag Harbour, N.S.	32	5	12	0	6	0	11	C. A. Goreham, M.O., Wood's Harbour, N.S.
134288	Genoa No. 1	Victoria	Barge—Chd	1913	Victoria, B.C.	70	0	28	0	5	5	89	Genoa Bay Lumber Co., Ltd., Victoria, BC..
134289	Genoa No. 2	Victoria	Barge—Chd	1913	Victoria, B..C.	70	0	28	0	5	5	89	Genoa Bay Lumber Co., Ltd., Victoria, B.C.
83321	George	Ottawa	Barge—Chd	1881	Ottawa, Ont.	109	6	22	2	7	9	152	Alphonse Laplante, Lachine, Que.
130926	Geo. Dansereau	Montreal	Barge—Chd	1912	Grenville, Que.	110	5	22	0	7	5	148	George Dansereau, Grenville, Que.
77819	George Dow	Simcoe	Schr—Glt	1875	Long Point, Ont.	42	0	13	0	4	6	15	Wm. McCulla, Port Credit, Ont.
126609	George Groat	Chatham, N.B.	Barge—Chd	1910	Chatham, N.B.	112	0	26	3	6	0	116	J. B. Snowball Co., Ltd., Chatham, N.B.
92292	George H. Morse	Ottawa	Barge—Chd	1886	Ottawa, Ont.	112	0	22	6	7	0	162	The Riordan Paper Co., Ltd., Montreal, Que.
72073	George H. Weeks	Arichat	Sloop	1875	Maine, U.S.A.	42	4	14	9	4	8	17	E. Brownell, Baie Verte, N.B.
122097	George L.	Yarmouth	Schr—Glt	1906	Salmon River, N.S.	34	0	12	2	6	0	13	Peter L. and Charles L. LeBlanc, Salmon River, N.S.
116246	George Penniman	Sault Ste. Marie	Barge—Chd		U.S.A.	90	0	19	8	6	6	83	James Purvis, Gore Bay, Ont.
134481	George R.	Montreal	Scow—Chd	1906	Three Rivers, Que.	69	1	24	1	5	0	65	Quinlan & Robertson, Ltd., Montreal, Que.
107233	George T. Davie	Montreal	Barge—Chd	1898	St. Joseph de Lévis, Que.	177	5	35	0	12	5	680	Montreal Transportation Co., Ltd., Montreal, Que.
92546	Georgiana	Montreal	Barge—Chd	1886	Valleyfield, Que.	83	6	19	0	4	9	46	Edouard Sicard, St. Placide, P.Q.
122092	Georgie M. Smith	Yarmouth	Sloop	1906	Clyde, N.S.	34	0	11	6	7	0	13	George H. Lewis, Port Lorne, N.S.
116980	Georgina	Chatham, N.B.	Schr—Glt	1905	Shippigan, N.B.	38	6	13	4	5	1	15	W. S. Loggie Co., Ltd., Chatham, N.B.
126094	[4]Geraldine Battle	St. Catharines	Barge—Chd		U.S.A.	138	7	32	0	9	8	214	The Canadian Sand & Gravel Co., Ltd., Thorald, Ont.
121941	Germainnia	Sorel	Sloop	1906	Yamaska, Que.	104	7	22	8	7	2	110	Romuald Descheneaux, Notre Dame de Pierreville, Que.
107997	Gertie Bell	Canso	Schr—Glt	1900	Country Harbour, N.S.	37	0	13	2	6	1	15	Arch. Cook, Country Harbour, N.S.
80996	Gertie Belle	Guysboro'	Schr—Glt	1885	Country Harbour, N.S.	40	8	15	8	6	0	15	C. H. Blackadar, Halifax, N.S.
100537	Gertie H.	Digby	Schr—Glt	1894	Tiverton, N.S.	54	0	17	3	6	3	32	James Paterson, St. John, N.B.
100447	Gertie Lewis	Canso	Schr—Glt	1868	Booth's Bay, Me., U.S.A.	76	3	22	6	7	5	71	J. J. Sangster, Guysboro', N.S.
107330	Gertie M. Starr	Halifax	Schr—Glt	1901	Owl's Head, N.S.	44	0	14	0	5	7	16	Wm. H. Josey, Spry Harbour, N.S.
122142	Gertrude	Yarmouth	Sloop	1905	Barrington, N.S.	30	0	10	6	6	0	10	Mitchell Smith, Barrington, N.S.
130356	Gilbert B.	Arichat	Schr—Glt	1912	Cape George, N.S.	45	8	12	1	6	0	13	Arthur Boutilier, M. O., Halifax, N.S.
131208	Gilbert Islands	Liverpool	Schr—Glt	1915	Liverpool, N.S.	119	8	30	9	11	6	245	Yu Wing, Sydney, N.S.W., Australia.
103282	Gilknockie	Chatham, N.B.	Sloop	1890	Caraquet, N.B.	32	8	12	3	4	8	11	Mrs. Sarah Young and F.T.B. Young, J. O., Caraquet, N.B..
107931	Gilley No. 1	New Westminster	Barge—Chd	1900	New Westminster, B.C.	72	0	24	0	6	0	104	James R. Gilley, M.O., New Westminster, B.C.
111595	Gilley No. 2	New Westminster	Barge—Chd	1901	New Westminster, B.C.	85	0	26	0	7	0	124	James R. Gilley, M.O., New Westminster, B.C.
117157	Gilley No. 3	New Westminster	Barge—Chd		Vancouver, B.C.	72	6	26	0	6	0	110	James R. and Walter R. Gilley, J. O., New Westminster, B.C.
117156	Gilley No. 4	New Westminster	Barge—Chd	1905	New Westminster, B.C.	68	0	25	0	5	8	99	James R. and Walter R. Gilley, J. O., New Westminster, B C.
133971	Gilley No. 5	New Westminster	Barge—Chd	1909	New Westminster, B.C.	90	0	30	0	7	6	189	Gilley Bros., Ltd., New Westminster, B.C.
130336	Ginger	Chatham, N.B.	Sch—Glt	1911	Caraquet, N.B.	38	2	14	6	6	0	19	Luke L. Friolet, Caraquet, N. B.
111848	Gipsy	Chatham, N.B.	Schr—Glt	1902	Caraquet, N.B.	39	0	13	0	5	9	15	Wm. Fruing & Co., Ltd., Jersey, C.I.
92359	Gipsy	Parrsboro'	Schr—Glt	1887	Waterside, N.B.	52	3	16	9	5	9	33	Mrs. Elizabeth George, Parrsboro, N.S.
138257	Glacier	Lunenburg	Schr—Glt	1916	Lunenburg, N.S.	112	0	26	3	10	4	99	Lameck Knock, Rose Bay, N.S., M.O.
72332	Glad Tidings	St. John, N.B.	Schr—Glt	1878	Greenwich, N.B.	76	0	26	4	6	7	75	Josiah Christopher, Hopewell, N.B.
100989	Gladiator	Chatham, N. B.	Schr—Glt	1888	Caraquet, N.B.	36	0	12	3	4	6	11	P. Rive, Caraquet, N.B.
112138	Gladiator	Shelburne	Schr—Glt	1903	Shelburne, N. S.	36	0	11	6	6	0	11	C. M. Harrie, Terence Bay, N.S.
100964	Gladstone	Chatham, N.B.	Schr—Glt	1888	Caraquet, N. B.	34	3	11	6	4	6	10	P. Rive, Caraquet, N.B.
116827	Gladys	Barrington Passage	Sloop	1905	Clarke's Harbour, N.S.	31	6	11	9	5	7	12	B. L. Goodwin, Cape Island, N.S

[3]Formerly "Tyree." [4]Formerly "Sandy Hook". [7]Formerly "C. C. Co. No. 7." [8]Formerly " C. C. Co. No. 9.."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations*—*Abréviations*: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
122468	Gladys	Yarmouth	Sloop	1906	Shag Harbour, N.S.	30 0	11 0	6 0	11	Edwin Foote, Freeport, N.S.
121851	Gladys B. Smith	Lunenburg	Schr—Glt	1905	LaHave, N.S.	93 4	25 0	10 0	74	Parblue Sawh, Georgetown, Demerara
130584	Gladys E. B.	Halifax	Schr—Glt	1911	Tancook, N.S.	47 2	13 2	7 0	24	Walter Brown, M.O., Herring Cove, N.S..
91944	[1]Gladys E.Whidden	Liverpool	Schr—Glt	1889 / 1905	Shelburne, N.S. / Liverpool, N.S.	104 0	28 4	11 0	197	James H. MacKinnon, Forchu, N.S., and Chas Louvay, Sydney, N.S.
126817	Gladys G. Hart	Liverpool	Schr—Glt	1910	Tancook, N.S.	53 2	13 8	7 0	27	South Shore Fisheries, Ltd., Liverpool, N.S.
126469	[2]Gladys H.	Montreal	Schr—Glt	1892	West Bay City, Mich., U.S.	212 0	35 0	16 6	919	George Hall Coal Company of Canada, Ltd., Montreal, Que.
122463	Gladys M.	Yarmouth	Sloop	1906	Surette's Island, N.S.	30 0	10 6	6 0	10	James C. Ross, Port La Tour., N.S.
138382	Gladys Mosher	Lunenburg	Schr—Glt	1917	Lunenburg, N.S.	112 0	26 3	10 4	99	J. M. Rhodenizer, M.O. Lunenburg, N.S.
122574	Gladys Olia	Yarmouth	Sloop	1907	Tusket Wedge, N.S.	32 0	11 2	6 0	10	Daniel Penney, Stoney Island, N.S.
122305	Gladys S.	Lunenburg	Schr—Glt	1906	La Have, N.S.	93 4	25 0	10 2	99	Robert Moulten, Ltd., St. Johns, Nfld.
100910	Gleaner	Chatham, N.B.	Schr—Glt	1893	Caraquet, N.B.	38 0	12 3	5 2	13	L. Lanteigne, Caraquet, N.B.
97150	Gleaner	St. Andrews	Schr—Glt	1879	West Point, N.S.	34 0	13 0	5 0	13	Mrs. Victor Cook, St. John, N.B.
111445	Gleanor	Ottawa	Scow—Chd	1898	East Bay, Que.	53 0	13 0	4 4	20	Mrs. Sarah A. Kelly, Kippewa, Que.
130424	Glendale	St. Andrews	Sloop	1872	Waldoboro, Maine, U.S.A.	41 0	13 0	5 0	14	Thomas O. Mitchell, Campobello, N. B.
107916	Glenita C.	St. Andrews	Sloop	1898	Grand Manan, N.B.	29 3	11 6	6 4	12	Geo. E. Matthews, St. George, N.B.
111742	Glenwood	Lunenburg	Schr—Glt	1902	Clyde River, N.S.	100 3	24 9	9 7	99	Chas. A Steer, St. John's, Nfld.
96782	Glide	Halifax	Schr—Glt	1888	Hackett's Cove, N.S.	33 6	13 5	5 0	10	Sydney H. Garrison, Peggy's Cove, N.S.
100108	Glooscap	Windsor, N.S.	Schr—Glt	1891	Spencer's Island, N.S.	238 1	42 9	23 9	1,572	Gypsum Packet Co., Ltd., Windsor, N.S.
106920	Gloria	Sydney, N.S.	Cutter	1898	Southampton, Eng.	57 0	12 4	7 0	21	The Southern Salvage Co., Ltd., Liverpool, N.S.
117137	Glorianna	Yarmouth	Sloop	1904	Tusket Wedge, N.S.	34 0	11 0	6 0	10	A. Boudreau, M. O., Tusket Wedge, N.S.
103752	Glyndon	Lunenburg	Schr—Glt	1897	LaHave, N.S.	92 9	24 9	10 0	99	Roderick J McNeill, Tyne Valley, P.E I
122612	Goderich	Goderich	Dredge—Drague	1911	Goderich, Ont.	82 0	30 0	7 0	259	William Marlton and Wm. L. Horton, J. O., Goderich, Ont..
64573	Gold Finder	St. John, N.B.	Schr—Glt	1871 / 1886	Westfield, N.B.	72 2	25 3	7 2	69	S. W. Boyd, Pennfield, N.B.
107775	Gold Seeker	Chatham, N.B.	Schr—Glt	1900	Caraquet, N. B.	36 4	12 8	5 5	13	Robin, Jones & Whitman, Ltd., Halifax, N.S.
92586	Golden Bow	Quebec	Schr—Glt	1891	Anticosti, Que	71 2	20 0	8 7	61	Manicouagan & English Bay Export Co., Quebec, Que.
.....	Golden Harbor	Windsor, Ont.	Scow—Chd	1873	Belle River, Ont.	68 6	17 7	4 6	42	A. Ouellette, Belle River, Ont.
100270	Golden Light	Windsor, N.S.	Schr—Glt	1892	Blomidon, N.S.	45 5	16 0	5 9	24	Sir F. W. Borden, Canning, N.S.
116507	Golden Rod	Lunenburg	Schr—Glt	1904	LaHave, N.S.	69 8	22 2	8 6	76	James H. Beaver, Pleasant Harbour, N.S.
107432	Golden Rule	Barrington Passage	Schr—Glt	1862	Kennebunk, Me., U.S.A.	62 0	18 2	6 7	49	Edward Eisnor, M.O., Chester, N.S.
134049	Golden West	Lunenburg	Schr—Glt	1914	Lunenburg, N.S.	90 2	24 0	9 4	82	W. Norman Reinhart, M.O., La Have, N.S.
107472	Goldie G.	Digby	Schr—Glt	1899	Young's Cove, N.S.	44 5	12 6	5 2	15	Watson Guest, *et al.*, Young's Cove, N.S.
122491	Good Intent	Chatham, N.B.	Schr—Glt	1907	Maisonette, N.B.	32 0	12 0	4 6	10	James W. Nixon, New Bandon, N.B.
96850	Good News	Toronto	Schr—Glt	1894	Sand Beach, U.S.A.	42 0	13 0	4 5	18	John West, Toronto, Ont.

130361	Gordon Marten	Sydney, N.S.	Schr—Glt	1910	Balls Creek, N.S.	35	0	13	1	10	0	16	John Kavanagh, New Waterford, N.S.
141163	Governor Parr	Parrsboro	Schr—Glt	1918	Parrsboro, N.S.	200	0	39	8	18	5	912	Archie F. Davidson and Angus D. Richards, Bridgewater, N.S.
103877	[3]Grace	Montreal	Scow—Chd	1894	Toledo, Ohio, U.S.A.	91	6	26	7	5	4	106	The Montreal Sand & Gravel Co., Ltd., Montreal, Que.
103544	Grace D	Halifax	Schr—Glt	1890	Pennant, N.S.	34	2	10	6	4	8	10	J. Maryatt, Pennant, N.S.
122003	Grace Darling	La Have	Schr—Glt	1906	Mahone Bay, N.S.	66	6	20	6	8	0	64	W. Norman Reinhardt, *et al*,, La Have, N.S.
116680	Grace Darling	St. Andrews	Sloop	1904	Shelburne, N.S.	38	0	13	0	5	2	12	Judson L. Guptill, Grand Manan, N.B.
137888	Grace Hilda	Lunenburg	Schr—Glt	1916	LaHave, N.S.	75	8	23	5	9	6	83	J. N. Rafuse, LaHave, N.S., M.O.
111968	Grace M. Filer	Picton, Ont.	Schr—Glt	1874	Chicago, Ill., U.S.A.	125	5	27	3	9	0	215	Joe Fagan, Belleville, Ont., and F. A. Smith, Belleville, Ont.
107910	Grace & Ethel	St. Andrews	Sloop	1899	St. John, N.B.	34	0	13	0	5	5	16	Robert Ingersoll, Grand Manan, N.B.
107534	Gracie C	St. John, N.B.	Sloop	1898	Milledgeville, N.B.	24	7	7	3	2	3	3	J. B. Day, St. John, N.B.
133879	[4]Granby No. 1	Vancouver	Barge—Chd	1875	Bath, Me., U.S.A.	205	6	39	0	24	0	1,294	Coastwise Steamship & Barge, Co., Ltd., Vancouver, B.C.
116731	Grand Desert	Halifax	Schr—Glt	1904	Grand Desert, N.S.	74	0	21	6	8	3	65	Alibee Lafrance, House Harbour, M.I., P.Q., and M. Zeki, Amherst, P.Q.
88220	Grandee	Halifax	Schr—Glt	1883	Mahone Bay, N.S.	37	5	12	9	6	0	14	Alexander Fougere, Halifax, N.S..
101296	Grandee	Sydney, N.S.	Schr—Glt	1873	Portsmouth, U.S.A.	197	2	38	5	23	8	1,262	The Dominion Coal Co., Ltd., Montreal, Que.
107741	Granger	Picton, Ont.	Schr—Glt	1899	Stella, Ont.	50	0	14	1	14	5	21	Richard J. La Rush, Kingston, Ont.
133810	Granite	Lunenburg	Schr—Glt	1913	Lunenburg, N.S.	104	2	25	8	10	5	92	William Richard, M..O., La Have, N.S.
112157	Grasshopper	Chatham, N.B.	Schr—Glt	1902	Caraquet, N.B.	42	0	14	0	5	9	16	Philip Rive, Caraquet, N.B.
122490	Grattan	Quebec	Barge—Chd	1907	St. Irenee, Que.	121	6	32	0	7	7	250	Canadian Bank of Commerce, Toronto, Ont.
116883	Grayling	Arichat	Schr—Glt	1904	Port Mulgrave, N.S.	41	0	14	0	6	6	25	James Dunne, North Sydney, N.S.
126573	Great Dipper	Port Hawkesbury	Schr—Glt	1910	Grand Etang, N.S.	40	0	11	4	5	5	10	Joseph R. and David R. Doucet, Grand Etang, N.S.
100992	Great Mogul	Chatham, N.B.	Schr—Glt	1888	Caraquet, N.B.	34	0	13	0	4	4	11	P. Rive, Caraquet, N.B.
107996	Green Linnet	Canso	Schr—Glt	1886 / 1892	Tancook, N.S.	37	0	12	0	6	0	12	John D. Ryan, Canso, N.S.
107435	Greenback	St. Andrews	Schr—Glt	1899	Meteghan, N.S.	38	0	14	7	8	0	22	Charles E. King, Grand Manan, N.B.
116738	Gretta	Halifax	Schr—Glt	1904	Clam Harbour. N.S.	38	5	13	7	5	6	14	A. J. Burke, River Bourgeoise, N.S.
92508	Grey Eagle	St. Andrews	Schr—Glt	....	Booth Bay, Me., U.S.A.	32	6	11	9	7	0	13	B. Dick, St. George, N.B.
137942	[6]Griff	Vancouver	Scow	1911	Seattle, Wash,. U.S.A.	133	0	40	0	12	6	641	Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.
72719	Grimsby	St. Catharines	Schr—Glt	1874	St. Catharines, Ont.	137	3	26	2	11	8	331	Dominion Sand & Barging Co., Ltd., Montreal, Que.
92418	Grip	Chatham, N.B.	Schr—Glt	1889	Tracadie, N.B.	37	3	13	2	5	0	12	Gervais Chenard, Caraquet, N.B.
126577	Gros Ours	Port Hawkesbury	Schr—Glt	1911	Grand Etang, N.S.	43	5	11	9	6	5	14	Emilen LeBlanc, *et al.*, Grand Etang, N.S.
138082	Grue No. 1	Quebec	Scow—Chd	1912	Quebec, Que.	58	3	23	9	6	9	86	Canadian Bank of Commerce, Toronto, Ont.
116591	Gudrun	Montreal	Sloop	1901	Dorval, Que.	31	6	8	2	1	6	1	David A. Poe, Montreal, Que.
126223	Guido	Sarnia	Schr—Glt	1856	Manitowoc, Wis., U.S.A.	114	9	24	9	7	3	95	William G. Atkinson, Whitby, Ont.
107763	Guinea	Charlottetown	Schr—Glt	1900	Cape Egmont, P.E.I.	32	5	11	6	4	7	10	William A. McDonald, Murray Harbour, P.E.I.
103394	Gull	Deseronto	Sloop	1865 / 1896	Ogdensburg, N.Y., U.S.A.	52	0	15	0	5	0	25	Peter Coté, Belleville, Ont.
138248	Gwendolyn H	Lunenburg	Schr—Glt	1912	Tancook, N.S.	41	4	10	4	5	5	12	Joseph P. Chiasson, Grand Etang, N.S.
121976	Gwenol	Victoria	Sloop	1895	Victoria, B.C.	40	0	10	8	2	6	5	Arthur V. Wood, *et al.*, Vancouver, B.C.
121827	Gwenola	Montreal	Sloop	1906	Dorval, Que.	35	0	8	2	2	6	4	Sir Charles Davidson and Peers Davidson, K.C., J. O., Montreal, Que.
126880	Gyno	Digby	Sloop	1912	Meteghan, N.S.	35	0	16	0	5	0	11	Edward Thomas, Westport, N.S.
117064	H. No. 1	Ottawa	Barge—Chd	1902	Birch Lake, Que.	35	8	13	0	4	0	21	John F. Hurdman, Ottawa, Ont.
117065	H. No. 2	Ottawa	Barge—Chd	1902	Birch Lake, Que.	48	0	13	0	4	0	28	John F. Hurdman, Ottawa, Ont.
117066	H. No. 3	Ottawa	Barge—Chd	1902	Birch Lake, Que.	48	0	13	0	4	0	28	John F. Hurdman, Ottawa, Que.
117067	H. No. 4	Ottawa	Barge—Chd	1902	Birch Lake, Que.	52	0	13	0	4	0	29	John F. Hurdman, Ottawa, Ont.
117068	H. No. 5	Ottawa	Barge—Chd	1902	Birch Lake, Que.	52	0	13	0	4	0	29	John F. Hurdman, Ottawa, Ont.
134199	H. 24	Sault Ste. Marie	Scow—Chd	1898	Sault Ste. Marie, Mich., U.S.A.	68	0	24	0	8	0	156	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134200	H. 41	Sault Ste. Marie	Scow—Chd	1895	Sault Ste. Marie, Mich., U.S.A.	75	0	22	0	8	5	140	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134371	H. 42	Sault Ste. Marie	Scow—Chd	1896	Sault Ste. Marie, Mich., U.S.A.	75	0	20	0	8	5	128	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134372	H. 43	Sault Ste. Marie	Scow—Chd	1896	Sault Ste. Marie, Mich., U.S.A.	73	5	20	2	8	8	131	Sydney L. Penhorwood, Sault Ste. Marie, Ont.

[1]Formerly "Cengo." [2]Foreign name "Aberdeen." [3]Formerly "No. 5." [4]Foreign name "Oregon." [6]Foreign name "Pioneer Sand & Gravel Co. No. 10

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
134373	H. 44	Sault Ste. Marie	Scow—Chd	1898	Sault Ste. Marie, Mich., U.S.A.	60 0	20 0	6 0	72	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134374	H. 45	Sault Ste. Marie	Scow—Chd	1895	Sault Ste Marie, Mich., U.S.A.	73 5	22 0	8 0	129	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
85750	H. B	Quebec	Schr—Glt	1883	Esquimaux Point, Que.	63 5	21 0	8 2	57	Edouard Boudreault, Esquimaux Point, Que.
126256	H. C. 3	Chatham, N.B	Scow—Chd		U.S.A.	93 0	35 0	7 0	204	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
126257	H. C. 4	Chatham, N.B	Scow—Chd		U.S.A.	93 0	35 0	7 0	204	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
130921	H. C. M. No. 5	Montreal	Dredge—Drague	1910	Toronto, Ont.	104 4	36 2	8 7	498	Harbour Commissioners of Montreal, Montreal, Que.
138099	H. C. M. Derrick No. 1	Montreal	Scow—Chd	1915	Montreal, Que.	75 5	27 2	6 4	197	Harbour Commissioners of Montreal, Montreal, Que.
138100	H. C. M. Derrick No. 3	Montreal	Scow—Chd	1915	Montreal, Que.	77 0	27 2	6 4	196	Harbour Commissioners of Montreal, Montreal, Que.
138101	H. C. M. Derrick No. 4	Montreal	Scow—Chd	1913	Montreal, Que.	80 5	27 0	5 9	197	Harbour Commissioners of Montreal, Montreal, Que.
138102	H. C. M. Derrick No. 5	Montreal	Scow—Chd	1914	Montreal, Que.	80 1	27 1	5 8	195	Harbour Commissioners of Montreal, Montreal, Que.
138103	H. C. M. Derrick No. 6	Montreal	Scow—Chd	1913	Montreal, Que.	80 1	27 0	5 9	196	Harbour Commissioners of Montreal, Montreal, Que.
138104	H. C. M. Derrick, No. 7	Montreal	Scow—Chd	1914	Montreal, Que.	87 1	31 1	7 2	288	Harbour Commissioners of Montreal, Montreal, Que.
138097	H. C. M. Dredge No. 6	Montreal	Dredge—Drague	1911	Sorel, Que.	104 2	39 2	8 9	550	Harbour Commissioners of Montreal, Montreal, Que.
138098	H. C. M. Drill Boat No. 1	Montreal	Scow—Chd	1910	Montreal, Que.	80 3	27 3	4 0	198	Harbour Commissioners of Montreal, Montreal, Que.
126297	H. C. R.	Canso	Schr—Glt	1911	Tancook, N.S.	43 6	12 7	6 8	18	Harry Kavanagh, M.O., Canso, N.S.
134143	H. M. C. No. 1	St. John, N.B.	Scow—Chd	1912	Goderich, Ont.	97 6	31 2	8 4	215	The Maritime Dredging & Construction Co., Ltd., St. John, N.B.
134144	H. M. C. No. 2	St. John, N. B.	Scow—Chd	1912	Goderich, Ont.	97 6	31 2	8 4	263	The Maritime Dredging & Construction Co., Ltd., St. John, N.B.
134147	H. M. C. No. 3	St. John, N.B.	Scow—Chd	1911	St. John, N.B.	60 6	22 0	6 5	69	The Maritime Dredging & Construction Co., Ltd., St. John, N.B.
134148	H. M. C. No. 4	St. John, N.B.	Scow—Chd	1911	St. John, N.B.	60 2	21 8	6 5	69	James R. Mooney, St. John, N.B.
134150	H. M. C. No. 6	St. John, N.B.	Scow—Chd	1911	St. John, N.B.	60 4	30 2	4 5	129	The Maritime Dredging & Construction Co., Ltd., St. John, N.B.

134151	H. M. C. No. 7	St. John, N.B.	Scow—Chd	1911	St. John, N.B.	44	9	16 2	3 0	17	The Maritime Dredging & Construction Co., Ltd., St. John, N.B.
134152	H. M. C. No. 8	St. John, N.B.	Scow—Chd	1911	St. John, N.B.	37	0	14 0	2 5	33	The Maritime Dredging & Construction Co., Ltd., St. John, N.B.
130809	H. S. G. Co., No. 1	Vancouver	Dredge—Drague	1910	Vancouver, B.C.	64	0	24 0	5 7	171	Howe Sound Gravel Co., Ltd., Vancouver, B.C.
140898	H. S. M. A.	Vancouver	Scow—Chd	1911	Vancouver, B.C.	69	7	25 7	6 2	91	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
140893	H. S. M. B	Vancouver	Scow—Chd	1906	Vancouver, B.C.	94	9	31 8	7 4	185	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
126201	H. S. M. C	Vancouver	Scow—Chd	1906	Vancouver, B.C.	83	0	28 9	6 8	155	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
130755	H. S. M. D	Vancouver	Scow—Chd	1911	Vancouver, B.C.	77	3	32 1	6 6	148	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
140894	H. S. M. E	Vancouver	Scow—Chd	1907	Vancouver, B.C.	68	0	26 0	6 0	88	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
140895	H. S. M. H	Vancouver	Scow—Chd	1909	Vancouver, B.C.	93	8	31 6	7 4	183	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
140896	H. S. M. O	Vancouver	Scow—Chd	1911	Vancouver, B.C.	62	7	24 0	5 9	73	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
140897	H. S. M. S	Vancouver	Scow—Chd	1906	Vancouver, B.C.	68	4	26 0	5 9	87	B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C.
96756	H. A. Holder	St. John, N.B.	Schr—Glt	1889	Greenwich, N.B.	81	7	27 0	7 1	91	John Wasson, *et al.*, Two Islands, N.S.
117049	H. C. Phillips	Barrington Passage	Sloop	1905	Clarke's Harbour, N.S.	32	0	11 0	6 7	11	Osborn Phillips, Clark's Harbour, N.S.
111418	H. H. Kitchener	Lunenburg	Schr—Glt	1900	La Have, N.S.	90	2	25 0	10 0	100	Howard Murray, Charlottetown, P.E.I., and Jeremiah Murray, Sydney, N.S.
133807	H. H. MacIntosh	Lunenburg	Schr—Glt	1913	Mahone Bay, N.S.	108	8	26 2	10 6	99	Wm. Smith, M. O , Lunenburg, N.S.
90814	H. M. Ballou	Port Hope	Schr—Glt	1867	Oak Orchard, U.S.A.	80	9	17 7	6 4	52	E. Goldring, Toronto, Ont.
72580	[1]H. M. Stanley	Midland	Schr—Glt	1873	Port Dalhousie, Ont.	132	3	25 6	11 7	305	The Morden Transit Co., Ltd., Midland, Ont.
137930	H. P. Albert	Chatham, N.B.	Schr—Glt	1916	Neguac, N.B.	46	5	15 0	6 0	21	Frederick H. Albert, Neguac, N.B.
80951	H. N. Todman	Windsor, Ont.	Schr—Glt	1867	Wellington, Ont.	92	2	22 6	8 3	110	Wm. Stone Rice, Puce, Ont.
100856	H. Auger	Quebec	Schr—Glt	1892	Les Ecureuils, Que.	54	6	15 6	6 6*	37	Joseph N. Dussault, Les Ecureuils, Que.
112284	Haines Bros	Digby	Schr—Glt	1902	Meteghan, N.S.	55	6	17 8	6 9	46	Charles M. Hicks and Arthur R. Hicks, Westport, N.S.
90730	Halicia	Halifax	Cutter	1887	Dartmouth, N.S.	33	2	6 4	5 5	6	Samuel Trott, Seaton, England.
121835	Halytan	St. John, N.B.	Schr—Glt	1905	Cambridge, N.B.	44	7	15 6	8 3	31	Warren A. E. Dykeman, Cambridge, N.B.
92482	Hamburg	Windsor, N.S.	Schr—Glt	1886	Hantsport, N.S.	216	2	43 0	23 1	1,412	The Gypsum Packet Co., Ltd., Windsor, N.S.
103337	[2]Hamilton	Montreal	Barge—Chd	1847 1895 1910	Niagara, Ont. Sorel, Que. Sorel, Que.	173	0	26 0	11 4	443	Grant Cooper, Toronto, Ont.
111661	Hamilton	Montreal	Barge—Chd	1901	Hamilton, Ont.	202	2	41 0	13 1	970	Montreal Transportation Co., Ltd., Montreal, Que.
141032	Hanbury No. 1	Vancouver	Scow—Chd	1911	Vancouver, B.C.	80	7	32 0	7 5	164	J. Hanbury & Co., Ltd., Vancouver, B.C.
116287	Handy Andy	Halifax	Schr—Glt	1903	Sheet Harbour, N.S.	37	3	12 2	6 3	15	John P. Westhaver, Sheet Harbour, N.S.
100798	Handy No. 1	Victoria	Barge—Chd	1888	Tacoma, Wash., U.S.A.	76	0	26 0	6 0	103	Sayward Mills & Timber Co., Ltd., Victoria, B.C.
74128	Happy-Go-Lucky	Charlottetown	Schr—Glt	1877	Port Medway, N.S.	56	0	19 0	7 0	36	Arthur Forest and Walter Duann, West Arichat, N.S.
100815	Happy Home	Barrington Passage	Schr—Glt	1894	Cape Negro, N.S.	36	0	11 3	4 5	10	W. H. Harris, Halifax, N.S.
111849	Happy Home	Chatham, N.B.	Schr—Glt	1902	Caraquet, N.B.	40	0	13 0	5 7	16	H. LeBouthillier, Caraquet, N.B.
116962	Happy Home	St. Andrews	Schr—Glt	1904	Pennfield, N.B.	37	5	15 6	7 0	24	Daniel Thompson and Jno. McDowell, Pennfield, N.B.
122341	Hardy	Toronto	Dredge—Drague	1905	Toronto, Ont.	66	0	19 3	5 0	64	Sand & Dredging, Ltd., Toronto, Ont.
100956	Harold N	Chatham, N.B.	Schr—Glt	1893	Shippigan, N.B.	36	4	12 1	4 7	12	W. S. Loggie Co., Ltd., Chatham, N.B.
130678	Harper	Lunenburg	Schr—Glt	1908	Little Tancook, N.S.	40	8	9 8	5 0	10	John E. and Roy C. Leslie, Spry Bay, N.S.
94839	Harrie	St. Andrews	Schr—Glt	1882	Brier Island, N.B.	30	0	12 2	6 2	14	Abram Mathews, Campobello, N.B.
130766	[3]Harriett D	Kingston	Barge—Chd	1885	Mount Clemens, N. Y.	163	9	32 2	11 4	460	John Donnelly, Kingston, Ont.
80825	[4]Harry B	Charlottetown	Schr—Glt	1880 1898	Bridgewater, N.S. Liverpool, N.S.	67	0	21 8	8 8	67	Gilbert Renaud, *et al.*, Buctouche, N.B.
111839	Harry C	Digby	Schr—Glt	1902	Salmon River, N.S.	33	0	10 0	5 7	16	Fred J. Coggins, Westport, N.S.
107342	Harry C. Ellis	Yarmouth	Sloop	1901	Pubnico, N.S.	45	0	13 4	7 0	16	W. G. Longmire and E. J. Henderson, Annapolis Royal, N.S.
116688	Harry Dickson	Richibucto	Schr—Glt	1909	Richibucto, N.B.	32	8	11 8	5 0	10	David L. Thompson, Richibucto, N.B.
116894	Harry M. Johnson	Yarmouth	Sloop	1904	Clarke's Harbour, N.S.	38	4	12 0	6 0	14	Millage Atkinson, Cape Island, N.S.
116322	Hartney W	Parrsboro'	Schr—Glt	1903	Port Greville, N.S.	123	3	32 2	11 2	271	Stuart Bankhardt, Algiers, Algeria.
107811	Hastings	Peterborough	Barge—Chd	1897	Burnett's Mills Landing, Ont.	61	0	15 5	4 5	36	Frank Burnett, Birdsall, Ont.
88401	Hattie	Digby	Schr—Glt	1884	Green Cove, N.S.	57	8	17 5	6 6	37	E. C. Bowers, *et al.*, Westport, N.S.
112129	Hattie	Lunenburg	Schr—Glt	1903	Lunenburg, N.S.	44	4	12 3	5 7	12	Arthur Jollymore, Indian Harbour, N.S.
100388	Hattie	Sydney, N.S.	Schr—Glt	1894	Aspy Bay, N.S.	54	7	17 0	5 8	27	W. J. Naus, Halifax, N.S.
83296	Hattie Ann	Kingston	Sloop	1883	Cranberry Lake, Ont.	84	4	17 4	4 8	51	James Mullens, Belleville, Ont.
122248	Hattie B	St. Andrews	Sloop	1903	Meteghan, N.S.	25	0	11 0	4 6	10	Wilmot Benson, Grand Manan, N.B.
85598	Hattie C	St. John, N.B.	Schr—Glt	1883	Hopewell Cape, N.B.	97	5	28 4	10 0	160	Thomas King, North Sydney ,N.S.

[1] Formerly "Jessie H. Breek." [2] Formerly a steamer. [3] Foreign name "Eleanor." [4] A recovered wreck.

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeu en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
90647	Hattie Emeline	Yarmouth	Schr—Glt	1885 1913	Pubnico, N.S. No. Sydney, N.S.	41 8	14 0	4 8	12	H. W. Moulton Co., Ltd., North Sydney, N.S.
112190	Hattie Hutt	Chatham, Ont	Schr—Glt	1873	Saugatuck, Mich., U.S.A.	130 0	26 0	9 0	188	Frank Granville, Chatham, Ont.
107437	Hattie L	St. Andrews	Sloop	1890	Musquash, N.B.	29 6	12 0	5 6	12	Francis A. Cheney, Grand Manan, N.B.
126579	Hattie L. B	Port Hawkesbury	Schr—Glt	1911	Little River, N.S.	43 4	12 2	6 5	12	Medrick LeBlanc, Little River, N.S.
130422	Hattie Loring	St. Andrews	Schr—Glt	1895	Goldsboro, Me., U.S.A.	64 9	19 4	6 5	46	Charles E. Morrell, *et al*,, Freeport, N.S.
111516	Hattie Louise	St. John, N.B.	Sloop	1898	Seal Cove, N.B.	33 9	13 0	5 0	11	James W. Wooster, Grand Manan, N.B.
130472	Hattie M. J	Halifax	Schr—Glt	1909	Tancook, N.S.	42 2	10 4	5 4	12	Richard Coolen, M.O., East Dover, N.S.
103722	Hattie McKay	Parrsboro'	Schr—Glt	1896	Parrsboro', N.S.	68 1	32 2	7 3	74	Jas. H. Card, Parrsboro', N.S.
122430	Hattie Maud	Halifax	Schr—Glt	1908	Tancook, N.S.	44 7	12 4	5 4	16	John J. Berrigan, Canso, N.S.
121805	Hattie Quinlen	Yarmouth	Sloop	1904	Clarke's Harbour, N.S.	30 0	10 6	6 0	10	Wm. L. Quinlen, Clarke's Harbour, N.S.
80799	Hattie T	Barrington Passage	Schr—Glt	1883	Beaver River, N.S.	42 5	14 6	5 7	16	D. O. Kendrick, *et al.*, Shag Harbour, N.S.
107480	Hattie & Eva	Digby	Sloop	1900	Freeport, N.S.	32 4	11 2	5 2	11	Rudolph Campbell, *et al.*, Freeport, N.S.
121797	Hattie & Ina	Shelburne	Sloop	1905	Shelburne, N.S.	31 0	11 6	6 0	10	E. W. A. Doane, Carleton Village, N.S.
83463	Havelock	St. Andrews	Schr—Glt	1852	Newark, Conn., U.S.A.	48 0	17 0	7 0	33	W. James, Campobello, N.B.
126562	Hawley Brothers	Sydney, N.S.	Schr—Glt	1909	Ingonish, N.S.	37 7	12 3	6 6	11	James T., John W. and Charles J. Hawley, Ingonish, N.S.
130328	Hay Boy	Kingston	Scow—Chd	1911	Wolfe Island, Ont.	65 2	20 0	5 1	77	Grant Pyke, Wolfe Island, Ont.
122498	Hayward	Chatham, N.B.	Dredge—Drague	1908	Loggieville, N.B.	65 0	28 0	6 5	88	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
126258	Hayward 5	Chatham, N.B.	Lighter		U.S.A.	76 0	23 0	7 6	115	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
126259	Hayward 6	Chatham, N.B.	Lighter		U.S.A.	76 0	23 0	8 0	123	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
122577	Hazard	Yarmouth	Schr—Glt	1907	Yarmouth, N.S.	65 5	20 4	7 8	63	Samuel Hart, Jamaica, B.W.I.
122139	Hazel	Yarmouth	Sloop	1906	Barrington, N.S.	30 0	11 0	6 0	10	David E. Watkins, Barrington, N.S.
122083	Hazel B. Miller	Charlottetown	Schr—Glt	1907	Charlottetown, P.E.I.	80 1	22 4	8 1	72	J. P. Lanteigne, Caraquet, N.B.
80643	Hazel Dell	Charlottetown	Schr—Glt	1883	Pubnico, N.S.	79 9	21 9	9 1	87	James Boudreau, St. Peters, N.S.
138386	Hazel E. Herman	Lunenburg	Schr—Glt	1917	Dayspring, N.S.	104 8	26 2	10 4	98	George H. Herman, M.O., La Have, N.S.,
116677	Hazel L	St. Andrews	Sloop	1904	Shelburne, N.S.	37 0	13 3	5 6	15	Manford Lorimer, Grand Manan, N.B.
126374	Hazel Levy	Halifax	Schr—Glt	1909	Owls Head, N.S.	41 8	11 5	5 4	14	Cyrus Levy, Owls Head, N.S.
137883	Hazel R	Lunenburg	Schr—Glt	1906	Lunenburg, N.S.	42 0	11 2	5 1	12	Obadiah Richard, LaHave, N.S.
111688	Hazelwood	Shelburne	Schr—Glt	1902	Brighton, N.S.	50 1	16 7	7 2	29	Benjamen Cunningham, M. O., Cape Sable Island, N.S.
92372	Hazelwoode	Barrington Passage	Schr—Glt	1888	Moss Glen, N.B.	93 3	26 6	7 6	99	Michael O'Brien, Barrington, N.S.
71145	Heather Belle	Goderich	Schr—Glt	1868	Picton, Ont.	93 0	22 3	7 8	121	R. Gawley, Eastnor, Ont.
103548	Hebe	Halifax	Sloop	1896	Mahone Bay, N.S.	40 2	10 6	3 0	8	J. M. Allen, Halifax, N.S..
38468	Hector	Arichat	Schr—Glt	1865	River Bourgeoise, N.S.	59 8	17 9	7 6	35	Geo. Walker, Basin River Inhabitants, N.S.

90735	Hector	Port Hawkesbury	Schr—Glt	1886	Basin River Inhabitants, N.S.	31 0	10 5	4 7	11	Nicholas McDonald, River Inhabitants, N.S.
80699	[3]Hector	Montreal	Barge—Chd	1882 / 1896	Kingston, Ont	170 3	35 5	11 9	539	The J. G. Rene Transportation Co., Ltd., Montreal, Que.
90859	[4]Hector W. McG	Port Hawkesbury	Schr—Glt	1886	Lunenburg, N.S.	79 9	23 5	9 0	99	David Murray, *et al.*, Port Hawkesbury, N.S.
103876	Helen	Montreal	Scow—Chd	1894	Toledo, Ohio, U.S.A.	96 6	26 7	5 4	105	Montreal Sand & Gravel Co., Ltd., Montreal, Que.
83377	Helen	Toronto	Schr—Glt	1882	Oakville, Ont.	79 3	19 7	5 4	61	J. H. Goldring, Toronto, Ont.
122100	Helen C	Yarmouth	Sloop	1905	Shelburne, N.S.	30 0	10 6	6 0	10	Nehemiah Crowell, Wood's Harbour, N.S.
122232	Helen Davis	Barrington Passage	Sloop	1906	Clarke's Harbour, N.S.	33 6	11 4	6 0	12	Lauless Brannen, M.O., Clarke's Harbour, N.S.
126185	Helen Glenn	Shelburne	Sloop	1908	Jordan Bay, N.S.	34 0	11 7	5 7	10	Jno. J. Rankin, Inverness, N.S.
103020	[5]Helen M	Parrsboro'	Schr—Glt	1895	Port Greville, N.S.	64 0	21 6	7 2	62	L. Winter and W. Martin, Parrsboro, N.S.
134400	Helen M. Coolen	Lunenburg	Schr—Glt	1914	Mahone Bay, N.S.	97 6	25 0	10 0	94	Wm. Duff, *et al*,, Lunenburg, N.S.
90734	Helen M. Crosby	Port Hawkesbury	Schr—Glt	1865	Essex, Mass., U.S.A.	72 5	20 9	7 1	64	A. F. Cameron, Sherbrooke, N.S.
100544	Helen Maud	Halifax	Schr—Glt	1896	Freeport, N.S.	43 5	15 6	6 1	26	Howard Jennex, Jeddore, N.S.
116917	Helen Vair	Liverpool	Schr—Glt	1906	Liverpool, N.S.	83 0	23 3	8 9	79	George A. Buffett, Grand Bank, Nfld.
122590	Helen and Beatrice	St. Andrews	Schr—Glt	1907	Campobello, N.B.	37 0	18 6	6 5	29	Mrs. L. M. Calder, Campobello, N.B.
116874	Helena	St. Catharines	Barge—Chd	1905	Merritton, Ont.	135 3	26 2	8 0	218	The Canadian Sand & Gravel Co., Ltd., Thorold, Ont.
72672	Hellen	Victoria	Sloop	1877	Victoria, B.C.	37 5	11 4	4 0	11	Jas. Cessford, Victoria, B.C.
126578	Hennepin	Port Hawkesbury	Schr—Glt	1911	Grand Etang, N.S.	42 0	11 6	6 7	12	Joseph M. Cormier, Grand Etang, N.S.
112009	Henrietta	Port Arthur	Dredge—Drague	1879	Duluth, Minn., U.S.A.	126 0	28 0	4 0	125	Algoma Builders' Supply Co., Ltd., Port Arthur, Ont.
112254	[5]Henriette	Vancouver	Schr—Glt			160 0	30 0	18 9	672	Henriette Ship Co., Ltd., Vancouver, B.C.
111578	Henry Fitzhugh	Toronto	Barge—Chd	1866	Oswego, N.Y., U.S.A.	138 0	26 0	11 0	300	The Parry Sound Lumber Co., Ltd., Parry Sound, Ont.
122114	Henry H. Dicks	Charlottetown	Schr—Glt	1906	New Harris, N.S.	70 0	20 5	8 0	65	John A. Munn, Murray River, P.E.I.
103311	Henry L. Phillips	Port Hawkesbury	Schr—Glt	1868	Booth Bay, Me., U.S.A.	74 8	21 6	7 6	78	John Arseneau, Madgalen Islands, Que.
138240	Henry Witbeck	Montreal	Sloop	1883 / 1917	Manitowoc, Wis, U.S.A. / Sorel, Que.	166 4	33 2	14 8	587	The Barge Menominee Co. Ltd., Montreal, Que.
130663	Herb Curwin	Richibucto	Schr—Glt	1911	Richibucto, N.B.	32 0	10 5	4 4	10	John R. MacMaster, Hardwick, N.B.
138547	Hermada	Lunenburg	Sch—Glt	1917	Shelburne, N.S.	110 0	26 3	10 9	98	Zwicker & Co., Ltd., Lunenburg, N.S.
116494	Hero	Lunenburg	Schr—Glt	1903	La Have, N.S.	43 2	13 6	6 0	18	Jeremiah Petite, Mose Ambrose, Fortune Bay, Nfld.
107771	Heron	Chatham, N.B	Schr—Glt	1899	Shippigan, N.B.	36 0	11 0	5 1	10	Wm. Fruing & Co., Ltd., Jersey, C.I.
77786	Hesperus	Halifax	Schr—Glt	1880	Port Medway, N.S.	43 4	13 6	6 2	17	Jas. Reyno, Herring Cove, N.S.
94893	Hesperus	Vancouver	Schr—Glt	1889	Vancouver, B.C.	35 5	12 3	5 5	20	H. E. Dusenbury, Vancouver, B.C.
133997	Hibbert C	Chatham, N.B	Schr—Glt	1913	Miminegash, P.E.I.	60 0	18 2	7 0	56	Paul T. Costain, Miminegash, P.E.I.
138059	Hibiscus	Chatham, N.B	Schr—Glt	1916	Lower Caraquet, N.B.	35 0	10 0	5 3	10	Daniel D. Landry, Caraquet, N.B.
69097	Highland Jane	Halifax	Schr—Glt	1874	Jeddore ,N.S.	52 0	17 1	7 4	32	Alburn Corkum, Chester, N.S.
96870	Hilda	Montreal	Barge—Chd	1898	Toronto, Ont.	160 0	30 0	12 3	418	Montreal Transportation Co., Ltd., Montreal, Que.
122099	Hilda	Yarmouth	Sloop	1906	Tusket Wedge, N.S.	36 0	13 0	7 0	17	James A. Boudreau, M.O., Tusket Wedge, N.S.
122244	Hilda E	St. Andrews	Sloop	1906	Grand Manan, N.B.	28 4	11 6	6 0	12	Joseph Moorehouse, Grand Manan, N.B.
121993	Hilda M. Backman	Lunenburg	Schr—Glt	1906	LaHave, N.S.	80 0	23 8	8 8	81	Alfred Mercier, Quebec, Que.
116740	Hilda M. Horton	Halifax	Schr—Glt	1904	Beckerton, N.S.	49 4	15 5	7 3	29	Augustine A. Macdonald, Souris, P.E.I.
138432	Hilda M. Stark	Annapolis Royal	Schr—Glt	1918	Annapolis Royal, N.S.	171 5	35 0	13 2	574	Grace & Co., Ltd., Montreal, Que.
100161	Hilda Maude	Port Hawkesbury	Schr—Glt	1891	La Have, N.S.	54 7	18 6	7 6	46	John Malcom, *et al.*, Port Malcolm, N.S.,
122141	Hillside	Yarmouth	Sloop	1905	Wood's Harbour, N.S.	30 0	11 0	6 6	10	Shurben L. Nickerson, M.O., Wood's Harbour, N.S.
126514	Himble No. 1	Victoria	Barge—Chd	1909	Victoria, B.C.	90 0	30 4	7 0	154	International Chemical Co., Ltd., Victoria, B.C.
103765	Hirondelle	Chatham, N.B	Schr—Glt	1894	Caraquet, N.B.	32 6	12 0	4 8	11	T. Ahier, Shippigan, N.B.
107586	Homer	Lindsay	Barge—Chd	1898	Bobcaygeon,Ont.	47 6	12 9	4 0	25	Robert Kennedy, Lindsay, Ont.
59868	Hon. David Price	Quebec	Schr—Glt	1868	Quebec, Que.	69 0	20 2	8 9	63	Napoleon Simard, St. Alphonse, Que.
66006	Hon. Hector Langevin.	Quebec	Schr—Glt	1872	St. Jean, Island of Orleans, Que.	80 5	22 0	9 2	90	Wm. Fruing & Co., Ltd., Jersey, C.I.
103984	Honorable Mercier	Quebec	Schr—Glt	1897	Quebec, Que.	80 0	24 6	7 4	84	Mrs. Jos. McDonald, Matane, Que.
92409	Hope	Chatham, N.B	Schr—Glt	1888	Tracadie, N.B.	40 8	14 8	5 5	18	J. Alexander, St. Aubin's, Jersey, C.I.
69172	Hope	Halifax	Schr—Glt	1873	Lunenburg, N.S.	52 5	16 5	6 8	31	James Redmond, North Sydney, N.S.
126414	Hope	Toronto	Schr—Glt	1866	Port Nelson, Ont.	54 0	12 0	4 9	24	Matthew Thomas, Toronto, Ont.
97057	Horace B	Liverpool	Schr—Glt	1892	Port Le Bear, N.S.	38 0	13 6	5 8	14	G. H. Hiltz., Lockeport, N.S.
126389	Horace D	Quebec	Scow—Chd	1908	Levis, Que.	84 5	33 8	6 0	195	Compagnie Etienne Dussault, Levis, Que.
130324	Horace Taber	Kingston	Schr—Glt	1867	St. Clair, Mich., U.S.A.	135 8	26 6	9 8	236	H. R. Storey, *et al.*, Collingwood, Ont.
126294	Horman Lee	Canso	Schr—Glt	1909	New Harbour, N.S.	41 2	12 9	6 8	17	Whitman Fish Co., Ltd., Canso, N.S.

[3]Formerly "Glenora." [4]Formerly "No. 4." [5]Formerly a steamer

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
126441	Horrigan	Kenora	Scow—Chd	1909	Keewatin, Ont.	75 0	20 0	5 6	73	John T. Horne, Fort William, Ont.
100906	Hotspur	Chatham, N.B.	Schr—Glt	1891	Caraquet, N.B.	37 0	12 7	4 6	10	P. Rive, Caraquet, N.B.
100860	Hovington	Quebec	Schr—Glt	1891	Les Escoumains, Que.	38 4	14 4	4 6	17	T. Caron, Les Escoumains, Que.
96822	Howard	Lunenburg	Schr—Glt	1889	Chester Basin, N.S.	87 0	24 6	8 8	93	Galt Murray, Port Richmond, N.S.
103264	Howard D. Troop	St. John, N.B.	Schr—Glt	1896	Liverpool, N.S.	85 0	22 0	8 7	69	F. M. McKelvey, *et al.*, St. John, N. B.
130992	Hoy	Chatham, N.B.	Schr—Glt	1906	Point Sapin, N.B.	32 0	10 6	5 0	11	Majorique Noel, Shippigan, N.B.
103448	Hoyer	Ottawa	Barge—Chd	1889	Buckingham, Que.	71 0	17 6	5 0	32	Geo. Bothwell, Buckingham, Que.
130937	Hugh Quinlan	Montreal	Scow—Chd	1912	Montreal, Que.	110 1	28 1	7 9	199	Quinlan & Robertson, Ltd., Montreal, Que.
126474	Hugo	Halifax	Sloop	1905	Shelburne, N.S.	20 8	6 5	2 2	1	Michael D. S. Brown, M.O., Halifax, N.S.
103543	Humbug	Halifax	Sloop	1896	Dartmouth, N.S.	23 5	6 4	3 6	3	J. D. Ritchie, Halifax, N.S.
107687	Huron	Prescott	Dredge—Drague	1902	Montreal, Que.	64 2	25 2	5 3	135	Edward A. D. Morgan, Montreal, Que.
100156	Hustler	Parrsboro	Schr—Glt	1891	La Have, N.S.	54 3	19 0	7 2	44	Joseph Winter, Kingsport, N.S.
72574	Hyderabad	Kingston	Schr—Glt	1876	Kingston, Ont.	124 4	26 2	11 7	290	L. E. Bonaventure, Lanoraie, Que.
130653	Hydraulic	Chatham, N.B.	Scow—Chd	1911	Loggieville, N.B.	85 0	27 0	5 0	146	Northern Bridging & Construction Co., Ltd., Loggieville, N.B.
130545	I. No. 1	Vancouver	Scow—Chd	1909	Nanaimo, B.C.	55 0	24 4	6 0	73	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
83306	I. O. N. A.	Halifax	Schr—Glt	1883	East Port Medway, N.S.	47 4	16 4	6 5	26	Geo. F. McRae, Baddeck, N.S.
111829	I. R. C. No. 1	Vancouver	Scow—Chd	1901	Vancouver, B.C.	143 8	30 8	4 7	174	Sodas Ohore, Vancouver, B.C.
111830	I. R. C. No. 2	Vancouver	Scow—Chd	1901	Vancouver, B.C.	145 8	30 5	4 6	177	Sodas Ohore, Vancouver, B.C.
111976	I. R. C. No. 3	Vancouver	Scow—Chd	1901	Vancouver, B.C.	152 0	31 0	5 4	204	Sodas Ohore, Vancouver, B.C.
126041	I. X. L.	Port Arthur	Dredge—Drague	1893	Welland, Ont.	103 0	34 5	9 0	348	Robert Weddell, *et al.*, Trenton, Ont.
107080	I. N. Parker	Quebec	Schr—Glt	1898	Waterborough, N.B.	79 1	26 8	7 6	98	Joseph Levesque, Matane, Que.
80966	I. R. Washington	Halifax	Schr—Glt	1880	Gabarus, N.S.	50 6	18 4	7 8	39	John Campbell, St. Ann's, N.S.
42425	Iberville	Gaspé	Schr—Glt	1864	Esquimaux Point, Que.	58 0	17 9	7 8	41	Mat. Boudreau, Esquimaux Point, Que.
103779	Ibis	Chatham, N.B.	Schr—Glt	1897	Shippigan, N.B.	36 5	12 2	4 8	11	Donald McGregor, Dalhousie, N.B.
94850	Ice	Windsor, Ont.	Scow—Chd	1891	Sandwich, Ont.	47 0	16 4	2 0	41	Chas. Perrault, Sandwich, Ont.
117181	Ida	Chatham, N.B.	Schr—Glt	1905	Shippigan, N.B.	39 0	13 4	5 0	16	Andre Chiasson, Lamek, N.B.
107229	Ida	Quebec	Schr—Glt	1897	Chateau Richer, Que.	76 8	22 8	6 7	67	F. X. Martel, Chateau Richer, Que.
116841	Ida A. Olson	Owen Sound	Schr—Glt	1888	Port Howard, N.Y., U.S.A.	122 0	27 0	9 2	191	Geo. T. Dunn and T. W. Thomson, J.O., Owen Sound, Ont.
71251	Ida Bell	Windsor, Ont.	Schr—Glt	1874	Kingsville, Ont.	87 2	20 0	6 0	97	Jas. W. Wye, Kingsville, Ont
126222	[2]Ida E.	Montreal	Barge—Chd	1887 1917	Oshkosh, Wis., U.S.A. Montreal, Que.	120 3	29 0	6 5	198	The River Sand Co., Ltd., Montreal, Que.
92460	Ida M.	Charlottetown	Schr—Glt	1887	Crapaud, P.E.I.	60 0	19 6	7 7	54	Frederick Belisle and Mrs. M. Belisle, Buctouche, N. B.
107061	Ida M.	St. John, N.B.	Schr—Glt	1897	St. Martin's, N.B.	73 2	24 0	7 0	77	The Nova Scotia Shipping Co., Ltd., Halifax, N.S.

12226	Ida M. Barton	St. John, N.B.	Schr—Glt	1902	The Range, N.B.	82	0	27	1	7	7	102	Geo. R. Payzant, *et al.*, Dorchester, N.B.
103470	Ida M. Burke	Arichat	Schr—Glt	1900 1916	St. Peter's, N.S. Larry's River, N.S.	41	7	14	0	5	7	16	Joseph Fougere, Larry's River, N.S.
111687	Ida M. Clarke	Halifax	Schr—Glt	1902	Sable River, N.S.	99	3	24	2	9	6	99	Arthur Bungay, Harbour Breton, Nfld.
126347	Ida M. Cunningham	Barrington Passage	Schr—Glt	1912	East Pubnico, N S.	41	3	12	9	6	2	16	Dwight L. Ringer, *et al.*, Little Harbour, N.S.
131162	Ida M. Zinck	Lunenburg	Schr—Glt	1912	Liverpool, N.S.	177	2	27	4	10	6	113	Eleazer Zinck, M.O., Lunenburg, N.S.
126566	Ida O. Campbell	Sydney, N.S.	Schr—Glt	1910	Shelburne, N.S.	47	5	14	3	6	3	19	Lingan Fishing Co., Ltd., Lingan, N.S.
75867	Ida Peters	St. John, N.B.	Schr—Glt	1879	Meteghan River, N.S.	47	0	18	2	7	4	32	M. Trask, Sandy Cove, N.S.
112317	Ilma	St. Andrews	Sloop	1902	St. Patrick, N.B.	31	0	14	0	5	5	16	Ernest Fisher, St. George, N.B.
117131	Ilona & Ida	Barrington Passage	Sloop	1905	Shelburne, N.S.	35	5	12	5	6	0	13	Wm. N. Madden, M.O., Port La Tour, N.S.
116571	Imperial	Fort William	Barge—Chd	1902	Fort William, Ont.	120	0	38	0	7	5	413	Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
138648	Impressive	La Have	Schr—Glt	1918	Ship Harbour, N.S.	129	7	32	1	12	0	341	Charles H. Ritcey, M.O., La Have, N.S.
107471	Ina Brooks	Digby	Schr—Glt	1899	Freeport, N.S.	45	0	16	5	6	3	22	Thos. W. Brooks, Freeport, N.S.
138171	Independent Asphalt No. 2	Prince Rupert	Scow—Chd	1907	Port Orchard, Wash., U.S.A.	100	7	31	9	10	0	273	Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.
88584	Index	St. John, N.B.	Schr—Glt	1880	Tusket, N.S.	45	4	13	0	6	0	17	Charles S. Smith, St. Martins, N.B.
111476	Indianna	Arichat	Schr—Glt	1901	Arichat, N.S.	30	3	9	2	4	2	11	Henry Boudrot, Arichat, N.S.
121655	Indianna	Yarmouth	Sloop	1904	Tusket Wedge, N.S.	34	0	11	3	6	0	10	Charles A. Lowe, Tusket Wedge, N.S.
103123	Indicator	St. Andrews	Sloop	1890	Grand Manan, N.B.	25	0	12	0	6	0	11	Frank Ingersoll, Grand Manan, N.B.
122454	Industry	Barrington Passage	Sloop	1906	Barrington, N.S.	31	0	11	0	6	0	11	Curtis Atwood, Barrington, N.S.
85407	Inita	Magdalen Islands	Schr—Glt	1909	House Harbour, Magdalen Islands, Que.	69	9	22	0	8	3	67	Alexander T. Arseneau, House Harbour, Magdalen Islands, Que.
100089	Inspector	St. John, N.B.	Schr—Glt	1892	Waterborough, N.B.	59	4	22	6	5	5	43	James Flower, Newcastle, N.B.
138544	Integral	Lunenburg	Sch—Glt	1917	Conquerall Bank, N.S.	135	6	32	0	12	0	343	The Integral Shipping Co., Ltd., Conquerall Bank, N.S.
126604	Invader	Chatham, N. B.	Dredge-Drag.	1910	U. S. A Loggieville, N. B.	91	0	41	4	7	0	227	Northern Dredging and Construction Co., Ltd., Loggieville, N. B.
121747	Intrepid	Vancouver	Sloop	1906	Vancouver, B.C.	27	2	15	2	4	8	8	Edward A. Wilson, Victoria, B.C.
104512	Inverneill	Montreal	Barque—Bq	1895	Port Glasgow, G. B.	238	0	36	0	21	7	1,340	Marine Navigation Co. of Canada, Montreal, Que.
116275	[1]Inverness B. 1	Halifax	Schr—Glt	1875	Vestri Ponesti, Italy	192	5	33	1	21	4	1,181	Dominion Coal Co., Ltd., Glace Bay, N.S.
99639	Inversnaid	Montreal	Barque—Bq	1892	Dumbarton, G. B.	238	0	36	2	21	7	1,318	Marine Navigation Co. of Canada Montreal, Que.
112001	Invictus	Annapolis Royal	Schr—Glt	1904	Salmon River, N.S.	149	0	32	3	11	2	327	The Schooner Invictus Co., Ltd., Wolfville, N.S.
141114	Ioco No. 2	Vancouver	Scow—Chd	1915	Vancouver, B.C.	58	0	19	7	7	2	58	The Imperial Oil Co., Ltd., Toronto, Ont.
141120	Ioco No. 3	Vancouver	Scow—Chd	1911	New Westminster, B.C.	75	4	26	0	7	5	179	The Imperial Oil Co., Ltd., Toronto, Ont.
111429	Iola	Halifax	Sloop	1901	Dartmouth, N.S.	22	0	6	6	2	6	2	Ralph B. deBlois, Bedford, N.S
103174	Iona	Halifax	Schr—Glt	1891	Sable River, N.S.	40	1	13	6	6	0	15	Mrs. M. S. Cruickshank and C. B. Traffis, J.O., Sydney, N.S.
107956	Iona	Charlottetown	Schr—Glt	1900	Shelburne, N.S.	93	0	24	4	9	5	98	Edward Boswell and J. J. Lord, Victoria, P.E.I.
96716	Iona	Ottawa	Barge—Chd	1890	Rockland, Ont.	111	8	22	9	7	7	158	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
121904	Iona and Maggie	Barrington Passage	Sloop	1906	Clarke's Harbour, N.S.	30	0	12	0	5	8	11	Cecil Ross, M.O., Cape Island, N.S.
70292	Iowa	Montreal	Barge—Chd	1874	Quebec, Que.	149	4	26	0	11	0	366	William Q. Stobo, Quebec, Que.
126292	Irbessa	Canso	Schr—Glt	1908	Tancook, N.S.	41	6	12	4	6	5	17	Jeffery Sampson, M.O., Dover, N.S.
92424	Ireland	Montreal	Barge—Chd	1863	Brockville, Ont.	147	0	28	0	9	6	339	The Barge Ireland Co., Ltd., Montreal, Que.
103931	Irene	Chatham, N.B.	Schr—Glt	1897	Caraquet, N.B.	37	9	12	6	4	8	12	Wm. Fruing & Co., Ltd., Jersey, C.I.
92352	Irene	St. John, N.B.	Schr—Glt	1886	St. Martin's, N.B.	79	7	25	7	7	2	90	Lucien Belliveau, Dorchester, N.B.
130577	Irene L	Lunenburg	Schr—Glt	1910	Little Tancook, N.S.	39	6	10	2	5	4	11	Arthur Boutilier, Halifax, N.S.
100490	Irene M.B	Charlottetown	Schr—Glt	1892	Mahone Bay, N.S.	67	6	21	3	8	4	66	John McQuinlan, M.O., Charlottetown, P.E.I.
138551	Irene M. Corkum	Lunenburg	Schr—Glt	1917	Lunenburg, N.S.	112	8	26	3	10	4	100	Leo Corkum, M.O., La Have, N.S.
103868	Iris	Halifax	Sloop	1896	Port Hawkesbury, N.S.	35	5	7	8	5	6	5	R. T. McIlreith, Halifax, N.S.
121942	Irona	Sorel	Sloop	1907	Pierreville, Que.	109	2	23	2	7	5	128	Ludger Yargeau, Pierreville, Que.
72567	Iroquois	Montreal	Barge—Chd	1875	Garden Island, Ont.	151	0	26	1	11	1	361	The Atlas Sand Co., Ltd., Montreal, Que.
107686	Iroquois	St. John, N.B.	Dredge--Drague	1889	Montreal, Que.	92	2	29	6	7	1	231	Thomas Bell, St. John, N.B.
122013	Isaac Hunter	Ottawa	Barge—Chd	1906	Kippewa Lake, Que.	50	0	14	9	4	4	48	Colonial Lumber Co., Ltd., Pembroke, Ont.
138236	Isaac Stephenson	Montreal	Sloop	1879 1917	Manitowac, Wis, U.S.A. Sorel, Que.	164	9	32	4	13	8	547	The Barge Menominee Co., Ltd., Montreal, Que.
96724	Isabel	Chatham, N.B.	Schr—Glt	1889	Shippigan, N.B.	35	0	11	8	4	5	11	Arsene Hebert, Caraquet, N.B.
94928	Isabel Peed	Picton, Ont.	Barge—Chd	1881	Marine City, Wisconsin, U.S.A.	186	0	31	5	11	0	480	Canada Steamship Lines, Ltd., Montreal, Que.
71257	Isabella	Windsor, Ont.	Scow—Chd	1875	River Puce, Ont.	57	5	16	7	3	4	33	Gilbert Sharon, Belle River, Ont.
106959	Isabella Sands	Sarnia	Schr—Glt	1874	Manistee, Mich., U.S.A.	134	5	29	8	10	1	231	The Penirsula Tug & Towing Co., Ltd., Wiarton, Ont.

[1]Foreign name "Prospero o." [2]Formerly a steamer

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
123350	Ishkoodah	Montreal	Sloop	1885	Lachine, Que	28 2	10 0	2 2	4	R. R. Stevenson, Montreal, Que.
125993	Isidore	Quebec	Barge—Chd	1907	St. Alexis, Que	106 0	22 5	7 8	162	Canadian Bank of Commerce, Toronto, Ont.
88243	Isis	Deseronto	Barge—Chd	1884	Deseronto, Ont	105 0	23 3	5 3	96	P. Larkin, St. Catharines, Ont., and A. Sangster, Iroquois, Ont.
111530	Island Girl	Digby	Schr—Glt	1901	Cape St. Mary's, N.S	32 0	10 2	4 8	10	E. S. Doucette, Cape St. Mary's, N.S.
103121	Island Girl	St. Andrews	Sloop	1895	Shelburne, N.S	38 0	13 0	5 5	17	Frank Ingersoll, Grand Manan, N.B.
121845	Islander	Toronto	Dredge—Drague	1905	Toronto, Ont	78 2	30 0	6 6	242	John E. Russell, Toronto, Ont.
100064	Isma	St. John, N.B	Schr—Glt	1891	Freeport, N.S	51 5	17 9	6 8	31	H. P. Bowers, Westport, N.S.
112053	Isobel	St. Catharines	Dredge—Drague	1903	Welland, Ont	101 0	36 0	9 0	446	Michael J. Hogan, Montreal, Que.
126813	Itaska	Lunenburg	Schr—Glt	1910	Lunenburg, N.S	106 4	26 2	10 8	100	Reuben Ritcey, M.O., Riverport, N.S.
100997	Ivanhoe	Chatham, N.B	Schr—Glt	1892	Caraquet, N.B	35 2	12 5	4 4	10	Xavier Poirier, New Bandon, N.B.
130364	Ivetta	Sydney, N.S	Schr—Glt	1911	Dingwall, N.S	50 2	12 3	5 3	17	William O'Brien, Dingwall, N.S.
74292	Ivigtut	Quebec	Bk—Bq	1877	Quebec, Que	122 3	28 7	15 7	331	F. R. Eaton, Parrsboro', N.S.
107116	Ivy	Lunenburg	Schr—Glt	1898	La Have, N.S	36 5	11 5	5 2	12	Daniel J. Rudolf, Lunenburg, N.S.
66992	Ivy	St. John, N.B	Schr—Glt	1871	Wickham, N.B	40 0	15 6	4 6	17	Chas. S. Coggin, S., John, N.B.
138523	Iwalani	Vancouver	Barge—Chd	1881	San Francisco, Cal., U.S.A.	148 0	27 0	8 5	275	Imperial Munitions Board, Ottawa, Ont.
138519	J. A. D	Quebec	Schr—Glt	1912	Grandes Bergeronne, Que	67 0	22 9	6 3	54	A. Dufour and Mrs William Tremblay St. Fidele, Que.
138791	J. A. T	Quebec	Schr—Glt	1916	Grandes Bergeronnes, Q	57 6	23 2	6 5	51	Alfred Tremblay, Grandes Bergeronnes, Que.
83135	J. B. M	Halifax	Schr—Glt	1881	La Have, N.S	42 3	14 8	6 3	20	Angus Reddy, Boylston, N.S.
107469	J. B. P. No. One	Lindsay	Scow—Chd	1891	Lindsay, Ont	70 0	18 6	5 0	65	Joseph Briggs Parkin, Lindsay, Ont.
107470	J. B. P. No. Two	Lindsay	Scow—Chd	1897	Lindsay, Ont	38 7	16 9	4 5	29	Joseph Briggs Parkin, Lindsay, Ont.
111816	J. C. No. 1	Vancouver	Scow—Chd	1901	Vancouver, B.C	65 7	23 7	9 3	87	Henry Bell-Irving, Vancouver, B.C.
111818	J. C. No. 2	Vancouver	Scow—Chd	1899	Vancouver, B.C	49 5	15 0	4 0	24	John A. Cates, Vancouver, B.C.
134574	J. C. No. 5	New Westminster	Barge—Chd	1910	New Westminster, B.C	59 0	23 0	5 4	63	Joseph Crane, New Westminster, B.C.
134575	J. C. VIII	New Westminster	Barge—Chd	1911	New Westminster, B.C	64 0	24 0	6 2	81	Joseph Crane, New Westminster, B.C.
130702	J. C. No. 9	Vancouver	Scow—Chd	1911	New Westminster, B.C	60 2	26 2	6 3	91	Joseph Crane, New Westminster, B.C.
130697	J. C. No. H	Vancouver	Scow—Chd	1911	New Westminster, B.C	65 2	26 0	6 4	108	Defiance Packing Co., Ltd., Vancouver, B.C.
134576	J. C. No. 12	New Westminster	Barge—Chd	1902	New Westminster, B.C	60 4	20 0	3 7	39	Joseph Crane, New Westminster, B.C.
140983	J. C. 22	New Westminster	Scow—Chd	1918	New Westminster, B.C	98 1	32 0	8 7	244	Joseph Crane, New Westminster, B.C.
140990	J. C. 23	New Westminster	Scow—Chd	1918	New Westminster, B.C	68 8	28 0	6 7	111	Joseph Crane, New Westminster, B.C.
126729	J. E. A. F. No. 1	Peterboro	Scow—Chd	1909	Peterboro, Ont	92 0	25 6	4 6	74	John E. A. Fitzgerald, Peterboro, Ont.
126730	J. E. A. F. No. 2	Peterboro	Scow—Chd	1909	Bobcaygeon, Ont	92 0	26 0	5 0	91	John E. A. Fitzgerald, Peterboro, Ont.
130371	J. E. A. F. No. 3	Peterboro	Scow—Chd	1910	Bobcaygeon, Ont	94 0	24 5	5 3	89	John E. A. Fitzgerald, Peterboro, Ont.

103982	J. E. B.	Quebec	Schr—Glt	1897	Chateau Richer, Que.	64 0	21 8	6 0	48	Napoleon Bois, M.O., St. Simeon, Que.
121930	J. E. W. H.	Quebec	Schr—Glt	1906	Bic, Que.	76 8	24 0	6 9	73	Charles Lajoie, M.O,, Chicoutimi, Que.
97195	J. H. S.	Chatham, N.B.	Schr—Glt	1891	Tracadie, N.B.	56 8	17 2	7 3	40	J. H. Brownell, North Port, N.S.
133982	J. I. 5.	New Westminster	Barge—Chd	1912	Steveston, B.C.	50 0	16 0	3 6	27	Jervis Inlet Canning Co., Ltd., Vancouver, B.C.
133983	J. I. 6.	New Westminster	Barge—Chd	1912	Steveston, B.C.	50 0	16 0	3 6	27	Jervis Inlet Canning Co., Ltd., Vancouver, B.C.
133984	J. I. 7.	New Westminster	Barge—Chd	1912	Steveston, B.C.	50 0	16 0	3 6	27	Jervis Inlet Canning Co., Ltd., Vancouver, B.C.
126178	J. I. L. No. 1.	New Westminster	Barge—Chd	1908	Ladner, B.C.	59 7	20 0	4 7	48	Jervis Inlet Lumber Co., Ltd., Ladner, B.C.
131000	J. L. B.	Chatham, N.B.	Schr—Glt	1913	Caraquet, N.B.	34 2	10 9	5 4	13	Frank Baudains, Miscou Harbour, N.B.
134495	J. L. L. No. 9.	Quebec	Dredge—Drague	1914	Quebec, Que.	60 4	30 8	6 0	173	Canadian Bank of Commerce, Toronto, Ont.
107575	J. M. No. One.	Lindsay	Scow—Chd	1890	Bobcaygeon, Ont.	75 0	22 7	5 0	73	Joseph Maunder, Lindsay, Ont.
107576	J. M. No. Two.	Lindsay	Scow—Chd	1890	Bobcaygeon, Ont.	75 4	25 1	5 0	80	Joseph Maunder Lindsay, Ont.
107577	J. M. K. No. One	Lindsay	Barge—Chd	1897	Lindsay, Ont.	86 0	17 8	4 2	64	W. J. C. Boyd, M.O., Bobcaygeon, Ont.
107578	J. M. K. No. Three.	Lindsay	Barge—Chd	1897	Lindsay, Ont.	81 6	20 0	4 4	72	W. J. C. Boyd, M.O., Bobcaygeon, Ont.
107579	J. M. K. No. Four.	Lindsay	Barge—Chd	1897	Lindsay, Ont.	72 5	19 0	4 8	66	W. J. C. Boyd, M.O., Bobcaygeon, Ont.
107580	J. M. K. No. Five.	Lindsay	Barge—Chd	1897	Lindsay, Ont.	74 0	18 0	4 4	59	W. J. C. Boyd, M.O., Bobcaygeon, Ont.
107581	J. M. K. No. Six.	Lindsay	Barge—Chd	1892	Lindsay, Ont.	64 0	18 8	4. 4	53	W. J. C. Boyd, M.O., Bobcaygeon, Ont.
107582	J. M. K. No. Seven.	Lindsay	Barge—Chd	1897	Lindsay, Ont.	62 0	19 0	4 0	47	W. J. C. Boyd, M.O., Bobcaygeon, Ont.
107583	J. M. K. No. Eight.	Lindsay	Barge—Chd	1892	Lindsay, Ont.	62 0	17 2	4 3	46	W. J. C. Boyd, M.O., Bobcaygeon, Ont.
112247	J. McD. No. 1.	Vancouver	Scow—Chd	1899	Vancouver, B.C.	72 0	24 1	6 2	89	J. McDonald, Vancouver, B.C.
138611	J. O. C.	Chatham, N.B.	Schr—Glt	1917	Maisonette, N.B.	32 0	11 0	5 2	10	Joseph, O. Cormier, Maisonette, N.B.
130785	J. S. M.	Port Hawkesbury	Schr—Glt	1912	Cap Rouge, N.S.	45 0	12 2	7 8	16	John S. Muise, Cap Rouge, N.S.
138261	J. T.	Quebec	Schr—Glt	1916	Eboulements, Que.	58 6	19 6	6 4	46	Joseph Tremblay, Les Eboulements, Que.
116297	J. W.	Charlottetown	Schr—Glt	1903	Montague, P.E.I.	82 3	22 6	8 8	78	Chas. Clorey, Georgetown, P.E.I.
116234	J. W.	Digby	Sloop	1904	Shelburne, N.S.	38 0	12 5	5 3	14	Walter B. Anthony, Port Wade, N.S.
130862	J. W. P. No. 3.	New Westminster	Barge—Chd	1912	New Westminster, B.C.	90 0	30 0	8 0	202	Joseph W. Pike, New Westminster, B.C.
133972	J. W. P. No. 4.	New Westminster	Barge—Chd	1913	New Westminster, B.C.	94 3	32 0	8 0	213	Joseph Wm. Pike, New Westminster, B.C.
85715	J. R. A. No. 1.	Prescott	Scow—Chd	1884	Tonawanda, N.Y., U.S.A.	60 0	15 0	5 4	43	W. Marleton, Godreich, Ont.
85716	J. R. A. No. 2.	Prescott	Scow—Chd	1884	Tonawanda, N.Y., U.S.A.	60 0	15 0	5 4	43	W. Marleton, Goderich, Ont.
50780	J. B. Fay.	Halifax	Schr—Glt	1865	Bay of Islands, Nfld.	55 0	18 4	7 7	48	Frank Robertson, Montague Bridge, P.E.I.
117072	J. B. Hamill.	Toronto	Dredge—Drague		St. Catharines, Ont.	73 0	25 0	6 5	119	The Canadian Dredging Co., Ltd., Midland, Ont.
107308	J. B. King & Co., No. 23.	Windsor, N.S.	Barge—Chd	1900	Spencer's Island, N.S.	96 3	24 1	9 5	113	Gypsum Packet Co., Ltd., Windsor, N.S.
130255	J.B. King & Co. No 36.	Windsor, N.S.	Scow—Chd	1909	Mariners Harbour., N.Y. U.S.A.	136 6	37 2	13 8	684	Gypsum Packet Co. Ltd., Windsor, N.S.
100001	J. B. Martin.	Charlottetown	Schr—Glt	1890	Margaretville, N.S.	87 6	25 1	7 9	95	J. D. McLeod and Ellwood Reynolds, Murray River, P.E.I.
103820	J. B. Newland.	Belleville	Schr—Glt	1870	Manitowoc, Wis., U.S.A.	108 6	26 2	8 2	145	A. G. Cousins and Frank Keegan, Belleville, Ont.
112374	J. B. Saint.	Arichat	Schr—Glt	1902	L'Ardoise, N.S.	42 0	13 3	6 0	18	Robert Hendsbee, Half Island Cove, N.S.
126584	[1]J. B. Young.	Lunenburg	Schr—Glt	1909	Lunenburg, N.S.	107 2	26 3	10 2	100	John B. Young, M.O., Lunenburg, N.S.
75767	J. C. Dakin.	Liverpool	Schr—Glt	1877	Liverpool, N.S.	52 5	17 4	6 7	30	Wm. Giffin, Isaac's Harbour, N.S.
61592	J. C. Williams.	Halifax	Schr—Glt	1876	Jordan River, N.S.	56 0	18 5	7 0	29	A. I. Young, Martin's River, N.S. and J. B. Mosher, Lunenburg, N.S.
141131	J. E. Backman.	La Have	Schr—Glt	1918	Meteghan, N.S.	145 2	33 6	13 0	399	Joshua E. Backman, *et al*,, La Have, N.S.
100538	J. E. Collins.	Halifax	Schr—Glt	1894	Freeport, N.S.	52 2	18 2	7 0	36	Peter White and John H. McDonald, Murray Harbour, P.E.I.
121664	J. E. Heppell.	Quebec	Schr—Glt	1905	Bic, Que.	76 2	23 2	7 1	74	J. E. Heppell, Bic, Que.
131086	J. E. Russell's Drill Boat No. 6	Toronto	Drill Boat	1912	Toronto, Ont.	80 0	30 0	5 3	289	John E. Russell, Toronto, Ont.
130777	J. F. Boyd No. 1.	Sault Ste. Marie	Dredge—Drague	1911	Sault Ste. Marie, Ont.	75 0	24 0	7 0	145	John F. Boyd, Sault Ste. Marie, Ont.
134195	J. F. Boyd No. 3.	Sault Ste. Marie	Scow—Chd	1913	Sault Ste. Marie, Ont.	30 0	11 5	4 0	14	John F. Boyd, Sault Ste. Marie, Ont.
134191	J. F. Boyd No. 4.	Sault Ste. Marie	Scow—Chd	1911	Sault Ste. Marie, Ont.	73 0	30 0	8 0	175	John F. Boyd, Sault Ste. Marie, Ont.
134381	[2]J. F. Boyd No. 5.	Sault Ste. Marie	Scow—Chd	1908	Chicago, Ill., U.S.A.	66 0	30 0	6 5	196	J. H. Tromanhauser, Co. Ltd., Toronto, Ont.
134382	J. F. Boyd No. 6.	Sault Ste. Marie	Scow—Chd	1914	Sault Ste. Marie, Ont.	90 0	30 0	8 5	230	C. W. Sharpe & Co. Ltd., Toronto, Ont.
138222	J. G. Rene.	Montreal	Barge—Chd	1916	Sorel, Que.	197 5	36 7	15 2	870	The J. G. Rene Transportation Co., Ltd., Montreal, Que.
100164	J. H. Ernst.	Charlottetown	Schr—Glt	1891	Lunenburg, N.S.	80 0	23 5	9 0	74	Argue J. Carmichael, St. Anns, N.S.
122472	J. H. Redfern.	Ottawa	Barge—Chd	1907	Hull, Que.	122 1	24 1	8 6	208	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
116853	J. J. Cox.	La Have	Schr—Glt	1905	Shelburne, N.S.	75 0	21 9	8 1	65	James Walters, *et al*,, La Have, N.S.
100837	J. M. Young.	Lunenburg	Schr—Glt	1894	Lunenburg, N.S.	86 8	24 5	9 3	99	S. M. and Oscar Giffin, J.O., Goldsboro', N.S.
134053	J. W. Margeson.	Lunenburg	Schr—Glt	1914	Shelburne, N.S.	93 8	23 0	9 9	79	Joseph Conrad, M.O., La Have, N.S.

[1]A recovered wreck. [2]Foreign name "Black Rock."

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117104	J. W. Todd	Ottawa	Barge—Chd	1904	Hull, Que	120 0	24 0	7 9	171	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
138520	J. Z. Degagne	Quebec	Schr—Gt	1917	Eboulement, Que	77 0	24 7	7 5	91	Joseph Z. Degagne, Les Eboulements, Que.
103771	J. Anny	Chatham, N.B.	Schr—Glt	1895	Tignish, P.E.I	37 3	12 3	5 0	12	John Poirier, M.O., Tignish, P.E.I.
122645	J. Burstall	Ottawa	Barge—Chd	1908	Hull, Que	119 7	24 1	8 0	191	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
69140	J. Croft	Halifax	Schr—Glt	1875	New Dublin, N.S.	56 6	18 5	7 5	45	Robin S. Hennigar, *et al.*, Chester Basin, N.S.
134045	J. Henry Mackenzie	Lunenburg	Schr—Glt	1914	Lunenburg, N.S.	109 8	26 3	10 4	100	William C. Smith, M.O., Lunenburg, N.S.
138640	J. Miller	Maitland	Schr—Glt	1918	Noel, N.S.	140 3	31 4	11 8	357	Everett A. O'Brien, Noel, N.S.
107090	J. Robertson	Ottawa	Barge—Chd	1898	Hull, Que	108 0	23 0	7 2	152	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
126126	[1]J. Tolmie	Kingston	Schr—Glt	1874	Chicago, Ill., U.S.A.	130 2	27 0	9 2	227	Charles A. Chilver, Walkerville, Ont.
126073	Jack Canuck	Vancouver	Sloop	1907	Vancouver, B.C.	29 6	10 8	4 8	11	Robert K. Scarlet, Vancouver, B.C.
126652	Jack Canuck, No. 3	Toronto	Dredge—Drague	1909	Midland, Ont.	63 0	24 2	6 0	113	Jennings & Ross, Ltd., Toronto, Ont.
83326	Jackson	Ottawa	Barge—Chd	1881	Hull, Que.	110 7	21 3	7 8	157	Joseph Wilson, Montreal, Que.
100610	Jamboree	Shelburne	Yawl—Yole	1893	Shelburne, N.S.	44 0	11 5	8 3	14	J. B. Bland, Gaspé, Que.
92366	James Barber	St. John, N.B.	Schr—Glt	1887	Waterborough, N.B.	79 0	26 0	6 6	80	Fred Gough and W. H. Gough, St. Martins, N.B.
84824	James Davis	Halifax	Schr—Glt	1882	Humber Sound, Nfld.	59 0	18 0	7 3	47	Inkerman Allen, Botsford, N.B.
134101	James Douglas	Lunenburg	Schr—Glt	1914	Lunenburg, N.S.	105 0	26 3	10 4	97	Wm. Duff, *et al.*, Lunenburg, N.S.
130564	James L.	Lunenburg	Schr—Glt	1911	Tancook, N.S.	56 2	14 0	7 6	32	The Schooner Romaine Ltd., Montreal, Que.
138191	James Slater	La Have	Schr—Glt	1874 1918	Port Jefferson, N.Y., U.S.A. Dayspring, N.S.	119 5	30 6	9 9	365	Publicover Shipping Co., Ltd., Dublin Shore, N.S.
121910	[2]James U. Thomas	Halifax	Schr—Glt	1906	Shelburne, N.S.	74 0	19 7	8 0	53	Abraham Moulton, Halifax, N.S.
126906	Jane Anderson	Halifax	Schr—Glt	1910	Petpiswick, N.S.	67 0	19 8	6 7	53	Stephen Taylor, Boone Bay, Nfld.
138201	Jane Cox	Shelburne	Schr—Glt	1916	Shelburne, N.S.	97 7	24 6	10 1	94	Geo. A. and John J. Cox, Shelburne, N.S.
122087	Janet	Charlottetown	Schr—Glt	1902	Montague, P.E.I.	35 0	11 6	5 8	14	Austin L. Fraser, Souris, P.E.I.
107768	Janie F.	Charlottetown	Schr—Glt	1902	Montague, P.E.I.	56 9	18 5	7 4	46	John F. Proctor, Port Malcolm, N.S.
130662	Jardineville	Richibucto	Schr—Glt	1908	Rexton, N.B.	34 0	11 0	4 6	10	Thos. Legoof, Richibucto, N.B.
100294	Jean	Chatham, N.B.	Schr—Glt	1891	Caraquet, N.B.	38 8	12 8	4 4	13	Thos. DesBrisay, Bathurst, N.B.
138545	Jean Dundonald Duff	Lunenburg	Schr—Glt	1917	Mahone Bay, N.S.	123 6	31 8	12 8	345	Walter B. Grieve, St. John's, Nfld.
126932	Jean Joseph	Quebec	Schr—Glt	1910	Chicoutimi, Que.	79 0	21 6	5 3	50	Johnny Levesque, Chicoutimi, Que.
138516	Jean Paul	Quebec	Barge—Chd	1917	Deschaillons, Que.	85 3	23 1	5 8	83	The Windrush Shipping Co., Ltd., Ottawa, Ont.
100858	Jeannette	Quebec	Schr—Glt	1892	Malbaie, Que.	40 0	13 9	5 6	18	R. Asselin, St. Michel de Bellechasse, Que.
121934	Jeannie & Annie	Halifax	Schr—Glt	1900	Spry Bay, N.S.	43 0	12 8	6 9	16	John E. Tutty, Louisburg, N.S.
116822	Jennet	Barrington Passage.	Sloop	1902	Clarke's Harbour, N.S.	29 0	12 2	5 7	11	Thomas A. Kenney, Clarke's Harbour, N.S.
116665	Jennette	Midland	Schr—Glt	1881	Mount Clements, Mich., U.S.A.	145 0	28 5	10 9	334	The Morden Transit Co., Ltd., Midland, Ont.
88579	Jennie	Montreal	Schr—Glt	1871	Garden Island, Ont.	168 0	26 6	11 8	438	Montreal Transportation Co., Ltd., Montreal, Que.

83091	Jennie	Port Hawkesbury	Schr—Glt	1879	Pirate Harbour, N.S.	30 1	10 2	5 3	11	Peter C. Bosdet, West Arichat, N.S.
100307	Jennie	Windsor, Ont.	Schr—Glt	1891	Erin, Mich., U.S.A.	75 9	20 6	4 0	50	Denis Ouelette, Belle River, Ont.
103191	Jennie B	Halifax	Schr—Glt	1894	Brooklyn, N.S.	34 0	13 6	5 8	13	Elijah J. Covey, Indian Harbour, N.S.
112312	Jennie L	St. Andrews	Sloop	1899	Machias, Me., U.S.A.	40 0	14 2	6 4	21	Thos. H. Lord, West Isles, N.B.
122138	Jennie L	Yarmouth	Sloop	1905	Clyde, N.S.	30 0	11 0	6 0	10	James A. Smith, Port La Tour, N.S..
138343	Jennie M	Halifax	Schr—Glt	1916	Sheet Harbour, N.S.	43 8	14 6	7 7	25	Thos. C. L. Martin, Sheet Harbour, N.S.
122591	Jennie T	St. Andrews	Schr—Glt	1907	Belliveau's Cove, N.S.	41 0	16 0	7 6	31	James F. Nesbett and George B. Thomas, Grand Manan, N.B.
134478	Jerry G	Montreal	Scow—Chd	1902	Toronto, Ont.	79 1	22 6	5 5	77	Quinlan & Robertson, Ltd., Montreal, Que.
103289	Jersey Lily	Chatham, N.B.	Schr—Glt	1895	Caraquet, N.B.	37 2	12 8	4 8	12	T. Ahier, Shippigan, N.B.
80950	Jessie	Chatham, N.B.	Schr—Glt	1882	Charlo, N.B.	36 4	13 7	5 0	14	S. McGregor, Charlo, N.B.
100542	Jessie	Digby	Schr—Glt	1895	Freeport, N.S.	41 0	15 3	6 0	17	Joseph Parker, Hall's Harbour, N.S.
88563	Jessie	Kingston	Sloop	1869	Clayton, N.Y., U.S.A.	63 6	13 6	5 0	29	R. Kimberley, Portland, Ont.
111664	Jessie	Montreal	Barge—Chd	1902	Charlemagne, Que.	97.5	26 4	5 1	93	The Charlemagne & Lac Ouareau Lumber Co., Ltd, Montreal, Que.
59186	Jessie	St. John, N.B.	Schr—Glt	1868	Rexton, N.B.	78 2	25 0	6 4	72	H. V. Brewster, Albert, N.B.
37514	[3]Jessie Brown	Charlottetown	Schr. Glt	1858	Shelburne, N.S.	66 6	20 5	8 0	56	Wm. G. Richards, Grand River, P.E.I.
107478	Jessie C	Digby	Sloop	1890	Grand Manan, N.B.	28 5	11 5	5 0	10	Handley Lewis, Port Lorne, N.S.
112316	Jessie C	St. Andrews	Schr—Glt	1903	Belliveau's Cove, N.S.	34 0	13 6	8 0	18	John M. Calder, Campobello, N.B.
103997	Jessie James	St. Andrews	Sloop	1897	Grand Manan, N.B.	30 0	11 2	5 0	11	Mrs. Josephine Frankland, Grand Manan, N.B.
111998	Jessie K	Annapolis Royal	Schr—Glt	1903	Parker's Cove, N.S.	36 5	11 0	4 8	11	John Hackenley, Grandville, N.S.
83311	Jessie M. Vogler	Port Medway	Schr—Glt	1884	Vogler's Cove, N.S.	76 6	22 5	8 8	77	George Cunningham, Halifax, N.S.
71331	Jessie Newell	Charlottetown,	Schr—Glt	1857	Essex, Mass., U.S.A.	70 4	19 7	8 0	63	Daniel Daley, *et al.*, Iris, P. E. I.
116823	Jessie Roy	Barrington Passage	Sloop	1902	Clarke's Harbour, N.S.	33 3	12 0	6 3	12	Robin Jones & Whitman, Ltd., Halifax, N.S.
116747	Jessie W	Halifax	Schr—Glt	1905	Indian Harbour, N.S.	39 5	10 6	5 3	12	Jacob Manuel, Canso, N.S.
103593	Jessie & Ada	Charlottetown	Schr—Glt	1896	Crapaud, P.E.I.	36 4	13 0	5 3	14	Duncan J. Riley, Belle River, P.E.I.
64994	Jet	Montreal	Barge—Chd	1871	Quebec, Que.	137 8	29 6	9 5	312	The Atlas Sand Co., Ltd., Montreal, Que.
94904	Joan	New Westminster	Sloop	1890	New Westminster, B.C.	36 0	11 0	5 0	16	Mrs. Grace Cruikshank, New Westminsterr, B.C.
112398	Joe	Ottawa	Barge—Chd	1901	Ville Marie, Que.	46 0	11 0	3 0	7	Jos. Lavigne, Ville Marie, Que.
134600	Joffre	Paspebiac	Schr—Glt	1916	Grand River, Que.	37 0	12 5	3 8	11	Robin, Jones & Whitman, Ltd., Halifax, N.S.
.....	Johanna	Windsor, Ont.	Scow—Chd	1867	Pike Creek, Ont.	60 0	17 6	4 0	40	M. Thibert, jr., Belle River, Ont.
133989	John A. Lee	New Westminster	Dredge—Drague	1913	New Westminster, B.C.	100 0	40 3	6 7	424	Corporation of the City of New Westminster, New Westminster, B.C.
100958	John B	Chatham, N.B.	Schr—Glt	1892	Shippigan, N.B.	34 5	12 2	5 0	11	W. S. Loggie, Co., Ltd., Chatham, N.B.
100969	John Bull	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	34 3	11 6	4 8	10	James Anderson, Church Point, N.B.
80718	John Bull	Paspebiac	Cutter	1892	Paspebiac, Que.	43 3	12 3	5 4	20	Robin Jones & Whitman, Ltd., Halifax, N.S.
133889	John C. Potter	Vancouver	Barge—Chd	1869	Searsport, Me., U.S.A.	190 0	36 7	24 0	1,145	Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.
51965	John E. Dennis	St. Andrews	Schr—Glt	1865	Beaver River, N.S.	35 0	14 0	5 1	18	Alfred Stanley, sr., Grand Manan, N.B.
71071	John G. Kolfage	Amherstburg	Schr—Glt	1869 1883	Amherstburg, Ont.	79 3	22 2	7 3	88	James Schell and Robert Reid, Red Bay, Ont.
126063	John G. Scrimgeour	Charlottetown	Schr—Glt	1908	Murray Harbour, P.E.I.	34 0	12 2	4 8	14	Herbert Williams, Beach Point, Murray Harbour, .P.E.I.
80668	John Gaskin	Montreal	Barge—Chd	1881	Kingston, Ont.	165 8	31 4	12 1	487	Montreal Transportation Co., Ltd., Montreal, Que.
83340	John Gray	Ottawa	Barge—Chd	1881	Hull, Que.	110 0	22 0	7 4	156	Joseph Wilson, Montreal, Que.
61572	John Halifax	Shelburne	Schr—Glt	.....	Danvers, U.S.A.	75 8	21 2	7 5	63	Francis Forbrigger, Port Malcolm, N.S.
96704	John Henry	Montreal	Barge—Chd	1889	Ottawa, Ont.	111 0	22 6	6 9	155	Arsene Cournoyer, Sorel, Que.
126151	John Kennedy	Montreal	Dredge—Drague	1892	Levis, Que.	92 2	36 7	6 9	359	Harbour Commissioners of Montreal, Montreal, Que.
130437	John Kilderhouse	Sarnia	Schr—Glt	1857	Bay City, Mich., U.S.A.	168 0	32 0	12 0	451	The Reid Wrecking Co., Ltd., Sarnia, Ont.
121795	John L	Yarmouth	Sloop	1905	Tusket Wedge, N.S.	34 0	11 0	6 0	11	Bert Hipson, Sand Point, N.S.
116609	John Magee	Montreal	Barge—Chd	1869	Oswego, N.Y., U.S.A.	142 1	26 2	11 2	312	Joseph and Albert Robillard, Montreal, Que.
71135	John McBride	Belleville	Schr—Glt	1877	Port Dover, Ont.	58 8	15 6	5 4	42	Edward Quinn, Belleville, Ont.
85714	John R. Arnoldi	Prescott	Dredge—Drague	1884	Tonawanda, N.Y., U.S.A.	72 0	23 0	5 4	68	Wm. Marleton, Goderich, Ont.
130268	John R. Booth	Ottawa	Barge—Chd	1911	Hull, Que.	113 0	24 2	7 8	179	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
103134	Johnney	Quebec	Schr—Glt	1894	Rivière du Loup, Que.	58 8	19 0	5 2	36	Wilfred Pedneault, Fraserville, Que.
111850	Johnny M	Chatham, N.B.	Schr—Glt	1896	Alberton, P.E.I.	38 8	13 2	5 3	12	J. T. Murphy, Campbellton, N.B.
83097	Joseph Ann	Port Hawkesbury	Schr—Glt	1884	Margaree, N.S.	45 7	15 5	6 4	22	Peter Bleampeay, Arichat, N.S.
116689	Joseph Doucet	Richibucto	Schr—Glt	1909	Jardineville, N.B.	34 6	11 6	4 6	10	Albert Daigle, Richibucto, N.B.
126825	Joseph Earle	Lunenburg	Schr—Glt	1910	Tancook, N.S.	54 0	14 2	7 6	29	Alexander Slaunwhite, M.O., Terence Bay, N.S.
94789	Joseph McGill	Charlottetown	Schr—Glt	1889	Shelburne, N.S.	81 0	23 4	9 7	99	Miss L. G. Pickard, Charlottetown, P.E.I., and Samuel Bowdridge, Murray Harbour, P.E.I.

[1]Foreign name "Clara." [2]Formerly "Defender." [3]Foreign name "Decidee."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Manager Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
130991	Joseph Marie G.	Chatham, N.B.	Schr—Glt	1912	Little Lamek, N.B.	39 0	14 7	6 3	22	Charles Gauvin, Little Lamek, N.B.
94970	Joseph O.	Charlottetown	Schr—Glt	1886 1918	Pleasantville, N.S. Port Elgin, N.B.	58 0	20 8	7 4	55	Charles Trenholm, Port Elgin, N.B.
130349	Joseph P. Johnston	Charlottetown	Schr—Glt	1889	Essex, Mass., U.S.A.	87 6	23 7	7 7	71	John E. Lake, Fortune, Nfld.
100965	Josephine	Chatham, N.B.	Schr—Glt	1893	Caraquet, N.B.	36 5	12 6	4 8	11	P. Rive, Caraquet, N.B.
77892	Josephine	Sackville	Schr—Glt	1879	Baie Verte, N.B.	33 6	12 4	4 7	12	L. Burke, Botsford, N.B.
121692	Josephine	Yarmouth	Sloop	1904	Cape Island, N.S.	33 0	11 0	6 0	10	F. N. Newell, M.O., Cape Island, N.S.
103857	Josephine Swanton	Halifax	Schr—Glt	1867	Booth Bay, Me., U.S.A.	72 5	21 4	7 2	63	Constant C. Church, Chester, N.S.
138135	Josephus	Quebec	Schr—Glt	1900 1915	St. Romuald, Que. Matane, Que.	76 5	24 0	6 8	72	Wilfred Guimont, Matane, Que.
83461	Josie L. Day	Digby	Schr—Glt	1878	Pembroke, Me., U.S.A.	42 5	15 0	5 9	16	W. H. Anderson, Parker's Cove, N.S.
122594	Josie W.	St. Andrews	Sloop	1908	Shelburne, N.S.	42 0	12 9	5 7	15	Lorenzo C. Watt, North Head, Grand Manan, N.B.
116673	Juanita	St. Andrews	Sloop	1900	West Isles, N.B.	36 0	13 0	6 0	14	Henry H. Bancroft, Grand Manan, N.B.
88454	Jubilee	Arichat	Schr—Glt	1887	Port Royal, N.S.	51 1	17 6	7 5	34	Arthur Poirrier, Descouse, N.S.
107532	Jubilee	St. John, N.B.	Sloop	1887	Rothesay, N.B.	25 2	10 0	3 1	5	H. A. Allison, St. John, N.B.
100352	Julia	Quebec	Schr—Glt	1891	Ste. Luce, Que.	59 0	18 0	6 6	43	Francois and Joseph Gaumont, J.O., Berthier, Que.
75566	Julia A.	Charlottetown	Schr—Glt	1877	La Have, N.S.	41 0	14 0	5 6	15	A. P. Prowse, Murray Harbour South, P.E.I.
90613	Julia Ann	Moncton	Schr—Glt	1886	Cocagne, N.B.	45 8	16 4	5 8	27	Simon Burk, Cocagne, N.B.
126468	Julia B. Merrill	Kingston	Schr—Glt	1872	Wenona, Mich., U.S.A.	128 0	26 5	8 4	190	Wm. E. and Cephas H. Spencer, Napanee, Ont.
122120	Julia F. C.	Sydney, N.S.	Schr—Glt	1907	Ingonish, N.S.	40 0	12 5	6 8	12	Joseph F. Young, *et al.*, Ingonish, N.S.
116363	Julia Larson	Goderich	Schr—Glt	1877	Sand Beach, Mich., U.S.A.	71 8	18 3	6 5	61	James A. Low, Port Dover, Ont.
126869	Julia Murphy	Sault Ste. Marie	Dredge—Drague	1911	Richards Landing, Ont.	55 5	24 0	5 5	108	The Superior Dredg & Dock Co., Ltd., Sault Ste Marie, Ont.
103616	Julie	Quebec	Sloop	1894	Les Escoumains, Que.	63 0	19 3	5 5	53	Jos. Belanger, Rivière Trois Pistoles, P.Q.
126670	Julie Opp	Shelburne, N.S.	Schr—Glt	1911	Shelburne, N.S.	69 8	17 8	7 9	38	Herbert R. Swim, M.O., Lockport, N.S.
107663	Juliette	Quebec	Schr—Glt	1899	Bay St. Paul, Que.	63 0	20 6	7 8	62	Arthur Boivin, Cap Chat, Que.
103432	Julio	Ottawa	Barge—Chd	1894	Kippewa, Que.	40 5	10 0	3 0	7	W. H. Hurdman, Ottawa, Ont.
83038	Jumbo	Ottawa	Barge—Chd	1883	Smith's Falls, Ont.	106 0	22 6	7 2	159	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
103439	Jumbo	Ottawa	Barge—Chd	1890	Buckingham, Que.	68 4	14 9	3 4	30	O. M. Harris, Montreal, Que.
85713	Jumbo	Prescott	Scow—Chd	1880	Sorel, Que.	136 0	20 0	6 0	150	Can. Pac. Car & Pass. Transfer Co., Ltd., Prescott, Ont.
122183	Justina	Arichat	Schr—Glt	1907	River Bourgeois, N.S.	35 0	10 5	5 2	10	George Darey, West Arichat, N.S.
111988	K. 1	Vancouver	Scow—Chd	1899	Blaine, Wash., U.S.A.	44 0	12 0	4 0	16	The Fraser River Oil & Guano Co., Ltd., Vancouver, B.C.
111989	K. 2	Vancouver	Scow—Chd	1899	Blaine, Wash., U.S.A.	44 0	12 0	4 0	16	The Fraser River Oil & Guano Co., Ltd., Vancouver, B.C.
122376	K II	Vancouver	Scow—Chd	1906	New Westminster, B.C.	66 9	26 0	6 7	107	George C. McKeen, Vancouver, B.C.
140884	K. 12	Vancouver	Scow—Chd	1912	Vancouver, B.C.	56 2	20 0	5 2	47	Stanley S. McKeen, *et al.*, Vancouver, B.C.
140938	K. 14	Victoria	Barge—Chd	1909	New Westminster, B.C.	80 8	26 0	6 7	115	Lummi Bay Packing Company, Limited, Vancouver, B.C.

140885	K. 18	Vancouver	Scow—Chd.	1916	New Westminster, B.C.	78	9	26	0	6	7	115	Mrs. Katherine McKeen, Vancouver, B.C.
141111	K. 22	Vancouver	Scow—Chd.	1913	New Westminster, B.C.	81	3	26	2	6	5	112	William Herbert Hind, Vancouver, B.C.
140886	K. 24	Vancouver	Scow—Chd.	1911	New Westminster, B.C.	79	2	25	8	6	8	115	Mrs. Thomas Y. Hebron, Vancouver, B.C.
130560	K. 26	Vancouver	Scow—Chd.	1911	New Westminster, B.C.	62	7	26	0	6	9	102	Mrs. Katherine McKeen, Vancouver, B.C.
140887	K. 32	Vancouver	Scow—Chd.	1914	New Westminster, B.C.	81	0	26	0	6	8	118	Mrs. Thomas Y. Hebron, Vancouver, B.C.
140888	K. 34	Vancouver	Scow—Chd.	1912	New Westminster, B.C.	80	0	26	0	6	4	110	Stanley S. McKeen, Vancouver, B.C.
140907	K. 36	Vancouver	Scow—Chd.	1913	New Westminster, B.C.	81	4	26	1	2	2	110	Mrs. Thomas Y. Hebron, Vancouver, B.C.
140889	K. 38	Vancouver	Scow—Chd.	1913	New Westminster, B.C.	81	0	26	0	6	8	118	Stanley S. McKeen, Vancouver, B.C.
140890	K. 40	Vancouver	Scow—Chd.	1911	New Westminster, B.C.	81	0	26	1	6	7	117	Stanley S. McKeen, Vancouver, B.C.
140908	K. 42	Vancouver	Scow—Chd.	1911	New Westminster, B.C.	81	3	26	1	6	8	121	Miss Mable H. McKeen, Vancouver, B.C.
140906	K. 46	Vancouver	Scow—Chd.	1913	New Westminster, B.C.	81	3	25	8	7	0	122	Miss Mabel H. McKeen, Vancouver, B.C.
140891	K. 48	Vancouver	Scow—Chd.	1913	New Westminster, B.C.	79	3	26	0	6	8	115	Mrs. Katherine McKeen, Vancouver, B.C.
130701	[1]K. N. No. 1.	Vancouver	Scow—Chd.	1911	New Westminster, B.C.	65	8	25	8	6	8	105	Kingcome Navigation Co., Ltd., Vancouver, B.C.
138300	K. N. No. 2.	Vancouver	Scow—Chd.	1915	New Westminster, B.C.	84	3	32	0	8	4	474	Kingcome Navigation Co., Ltd., Vancouver, B.C.
138704	K. N. No. 4	Vancouver	Scow—Chd.	1914	New Westminster, B.C.	77	3	25	8	6	5	111	Kingcome Navigation Company, Limited, Vancouver, B.C.
138529	K. N. No. 5	Vancouver	Scow—Chd.	1917	New Westminster, B.C.	100	8	32	0	7	9	532	Kingcome Navigation Co. Ltd., Vancouver, B.C.
138705	K. N. No. 6	Vancouver	Scow—Chd.	1915	New Westminster, B.C.	82		30	0	7	7	164	Kingcome Navigation Company, Limited, Vancouver, B.C.
117151	K. W. No. 3	New Westminster	Barge—Chd.	1905	New Westminster, B.C.	41	0	18	0	4	5	34	G. C. McKeen, Vancouver, B.C., and L. Wilson, New Westminster, B.C.
126219	K. W. No. 10	Vancouver	Scow—Chd.	1908	Vancouver, B.C.	59	5	23	1	6	9	89	George C. McKeen and Leonard Wilson, Vancouver, B.C.
107713	K. & G. No. 1	Vancouver	Barge—Chd.	1890	Vancouver, B.C.	82	4	30	4	6	4	137	Wm. L. Nicol, Vancouver, B.C.
122369	K. & W. No. 1	Vancouver	Scow—Chd.	1899	New Westminster, B.C.	55	0	19	2	5	1	50	John J. Goodwin, Victoria, B.C.
117005	K. & W. No. 4	Vancouver	Scow—Chd.	1901	New Westminster, B.C.	76	7	26	0	6	6	112	Leonard Wilson, New Westminster, B.C. and George C. McKeen, Vancouver, B.C.
130796	K. & W. No. 8	Vancouver	Barge—Chd.	1907	New Westminster, B.C.	64	0	25	8	7	0	97	George C. McKeen, Vancouver, B.C.
103458	K. McKenzie	Arichat	Schr—Glt.	1898	L'Ardoise, N.S.	42	2	13	5	6	2	17	William A. Scrimgeour, Amherst, N.S.
107672	Karen	Quebec	Sloop.	1897	Yarmouth, N.S.	40	0	12	0	4	4	16	Horace Dussault, Levis, Que.
130782	Karima II.	Port Hawkesbury	Schr—Glt.	1912	Eastern Harbour, N.S.	57	0	14	3	8	2	21	Lubin S. Chaisson, Eastern Harbour, N.S.
107970	Karmoe	Lunenburg	Schr—Glt.	1900	Lunenburg, N.S.	95	6	24	6	9	4	97	Karmoe Co., Ltd., Halifax, N.S.
116509	Kasaga	Lunenburg	Schr—Glt.	1904	LaHave, N.S.	63	2	20	4	7	6	59	F. T. B. Young, M.O., Caraquet, N.B.
92290	Katahdin	Montreal	Schr—Glt.	1888	Owen Sound, Ont.	150	0	30	9	10	9	381	Norbert Duval, Contrecoeur, Que.
64239	Kate	Quebec	Schr—Glt.	1871	Green Bay, Nfld.	70	0	19	4	8	9	68	Richard Turner, Quebec, Que.
59369	Kate Clark	St Andrews	Schr—Glt.	1873	Trenton, Me., U.S.A.	60	3	21	5	7	1	54	Thomas E. Sherwood, New York, N.Y., U.S.A.
94849	Kate Grant	Windsor, Ont.	Schr—Glt.	1880	Conneaut, U.S.A.	60	4	17	8	4	0	47	Denis Parent, Tecumseh, Ont.
112169	Kathleen	Chatham, N.B.	Schr—Glt.	1903	Shippigan, N.B.	38	0	12	9	5	9	15	Wm. Fruing & Co., Ltd., Jersey, C.I.
107543	Kathleen	St. John, N.B.	Schr—Glt.	1891	Rothesay, N.B.	23	2	9	0	3	6	4	Albert McArthur, St. John, N.B.
138384	Katleen C. Creaser	Lunenburg	Schr—Glt.	1916	Shelburne, N.S.	106	0	26	4	10	8	97	Edwin Creaser M.O., La Have, N.S.
126136	Kathleen W.	Halifax	Schr—Glt.	1908	Dartmouth, N.S.	47	0	14	3	7	0	22	Robert J. Slaunwhite, Terence Bay, N.S.
94670	Katie A. Burns	Charlottetown	Schr—Glt.	1889	St. Mary's, N.S.	53	5	17	0	6	8	36	John Agnew, Alberton, P.E.I.
103469	Katie B.	Arichat	Schr—Glt.	1900	River Bourgeois, N.S.	41	5	13	9	5	9	16	Gilbert McDonald, River Bourgeois, N.S.
83105	Katie Bell	Richibucto	Schr—Glt.	1888	Richibucto, N.B.	32	9	11	6	4	9	11	John L. Murphy, Campbellton, N.B.
126196	Katie Brainard	Windsor, Ont.	Scow—Chd.	1871	Marine City, Mich, U.S.A	170	0	30	0	9	5	382	Grant Horne, Kingston, Ont., and The Laidlaw Co., Ltd., Toronto, Ont.
66259	Katie E. Stuart	Halifax	Schr—Glt.	1871	West Cape, P.E.I.	63	4	20	2	7	6	54	Isaac Gagne, Anchor Point, Nfld.
97074	Katie E. Wall	Charlottetown	Schr—Glt.	1892	Princetown Royalty, P.E.I.	43	9	14	7	6	3	23	David M. Jackson, Tidnish, N.S.
75911	Katie Eccles	Napanee	Schr—Glt.	1877	Deseronto, Ont.	95	0	24	0	8	0	122	C. J. McCallum, Port Colborne, Ont.
125998	Katie H.	Montreal	Barge—Chd.	1908	Quebec, Que.	154	0	30	2	9	7	370	George Hall Coal Company of Canada, Ltd., Montreal, Que.
111795	Katie J.	Port Hawkesbury	Schr—Glt.	1905	West Arichat, N.S.	39	9	12	6	4	5	11	J. McNeil, Port Hawkesbury, N.S.
134480	Katie Leamy	Montreal	Scow—Chd.	1902	Charlottetown, P.E.I.	82	3	23	8	5	1	81	Quinlan & Robertson, Ltd., Montreal, Que.
100216	Katie M.	Halifax	Schr—Glt.	1890	Little Harbour, N.S.	35	6	13	3	4	8	11	T. Brophy, Prospect, N.S.
122131	Katie M.	Yarmouth	Sloop.	1906	Port La Tour, N.S.	30	0	10	6	6	0	10	Clifford Reynolds, Port La Tour, N.S.
126563	Katie Margaret	Sydney, N.S.	Schr—Glt.	1909	Ingonish, N.S.	39	5	11	6	5	6	15	John W. Dunphy, South Ingonish, N.S.
96936	Katie & Ella	Charlottetown	Sloop.	1880	Five Mile River, Conn., U.S.A.	47	5	15	8	4	8	20	Alex. J. Taylor, Wood Islands, P.E.I.
126285	Katrina	St. John, N.B.	Yawl—Yole.	1909	Rothesay, N.B.	50	2	14	6	7	5	28	Wallace Rupert Turnbull, Rothesay, N.B.
122562	Keene	Peterborough	Barge—Chd.	1907	Birdsalls, Ont.	80	0	18	0	4	0	48	Francis Burnet and James D. Simpson, Birdsalls, Ont.
80573	Keepsake	Windsor, Ont.	Schr—Glt.	1880	River Puce, Ont.	72	6	19	9	3	7	45	Horace Fleury, Belle River, Ont.

[1] Formerly "Powell River No. 1."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
107077	Kelpie	St. John, N.B.	Sloop	1883	Yarmouth, N.S.	24 1	10 0	2 3	5	R. C. B. Kaye, St. John, N.B.
126095	Kennaquhair	St. Catharines	Dredge—Drague	1908	Welland, Ont.	100 0	40 0	9 5	462	The Minister of Railways and Canals, Ottawa, Ont.
121798	Kenneth S.	Yarmouth	Sloop	1904	Clarke's Harbour, N.S.	31 0	10 6	6 0	10	B. C. Smith and M. F. Atkinson, Yarmouth, N.S.
126719	Keta	St. John, N.B.	Barge—Chd	1910	Gagetown, N.B.	60 0	21 9	4 0	81	J. S. Gregory, St. John, N.B.
©2548	Kildonan	Montreal	Schr—Glt	1888	Kingston, Ont.	174 1	33 0	11 1	499	The J. G. Rene Transportation Co., Ltd., Montreal, Que.
107778	Kimberley	Chatham, N.B.	Barge—Chd	1900	Chatham, N.B.	115 3	24 5	6 1	148	J. B. Snowball Co., Ltd., Chatham, N.B.
111404	Kimberley	Charlottetown	Schr—Glt	1900	Mahone Bay, N.S.	91 8	24 5	9 5	92	Joshua Whittle, M.O., Charlottetown, P.E.I.
126685	Kimprose	Montreal	Sloop	1909	Yamaska, Que.	109 3	23 2	8 0	146	Robidoux Sand Co., Ltd., Montreal, Que.
92507	Kinetics	St. Andrews	Sloop	1884	Back Bay, N.B.	29 6	11 2	6 0	10	Frank Pendleton, West Isles, N.B.
126595	King Daniel	Parrsboro	Schr—Glt	1910	Five Islands N.S.	50 2	16 6	5 5	29	Otwell Atkinson and Bedford Milton, Apple River, N.S.
111466	King Edward	Chatham, N.B.	Schr—Glt	1901	Caraquet, N.B.	38 5	13 0	5 3	14	Robin, Jones, & Whitman Ltd., Halifax, N.S.
122482	King Edward	Quebec	Dredge—Drague	1903	Montreal, Que.	106 8	36 5	7 0	330	William J. Pourpore, Montreal, Que.
103949	King Fisher	Chatham, N.B.	Schr—Glt	1899	Shippigan N.B.	38 0	12 7	5 0	13	Wm. Fruing & Co., Ltd. Jersey C.I.
116408	King George	Victoria	Schr—Glt	1903	Massett, B.C.	45 0	12 5	4 8	16	Thos. Natkouan, Massett B.C.
125965	King Josiah	Parrsboro	Schr—Glt	1908	Port Greville N.S.	98 1	28 7	8 9	147	The McCleary Co., Ltd., Liverpool, N.S.
88516	Kingfisher	Sydney, N.S.	Schr—Glt	1881	Ingonish, N.S.	33 9	13 2	5 1	10	Daniel Power North Sydney, N.S.
88581	Kingfisher	Yarmouth	Schr—Glt	1884	Eel Brook N.S.	59 8	19 1	7 3	47	Mrs. Mary Jane Daley, Commercial Cross, Lot 59, P.E.I.
122551	Kingsford	Collingwood	Dredge—Drague	1895	Buffalo, N.Y. U.S.A.	85 7	30 0	8 2	270	The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.
103958	Kingston	Montreal	Barge—Chd	1898	Kingston, Ont.	181 0	35 0	12 0	578	Alphonse A. Laroque, Montreal, Que.
116869	Kippewa	Ottawa	Barge—Chd	1903	Turtle Portage, Que.	83 0	16 4	10 3	57	Patrick Kelly, Turtle Portage, Que.
126734	Kirk 1	Vancouver	Scow—Chd	1894	Vancouver, B.C.	69 0	24 4	6 4	102	Alfred R. Bissett, Vancouver, B.C.
126882	Kirk 2	Vancouver	Scow—Chd	1910	Vancouver, B.C.	54 4	26 0	6 0	77	Alfred R. Bissett, Vancouver B.C.
107626	Kirtle	New Westminster	Barge—Chd	1898	Vancouver, B.C.	50 0	14 6	4 0	23	The Anglo-British Columbia Packing Co., Ltd., Victoria, B.C.
100981	Kite	Chatham, N.B.	Schr—Glt	1888	Caraquet, N B.	36 0	12 1	5 1	11	The C. Robin, Collas Co., Ltd., Halifax N.S.
103288	Kite	Chatham, N.B.	Schr—Glt	1895	Shippigan, N.B.	34 7	12 0	4 8	10	Patrick E. Lenteigne, Caraquet, N.B.
126375	Kite II	Halifax	Sloop	1909	Halifax, N.S.	29 0	9 0	5 0	6	Denis Stairs, Halifax, N.S.
107774	Klondyke	Chatham, N.B.	Schr—Glt	1900	Caraquet, N.B.	37 6	13 0	5 5	14	Robin Jones & Whitman Ltd., Halifax, N.S.
103732	Klondyke	Parrsboro'	Schr—Glt	1897	Port Greville, N.S.	74 8	24 6	7 7	78	H. A. McCade, St. Stephen, N.B.
103283	Koh-i-noor	Chatham, N.B.	Schr—Glt	1895	Caraquet, N.B.	37 0	12 8	5 2	13	P. Rive, Caraquet, N.B.
112271	Koorali	Montreal	Sloop	1898	Dorval, Que.	34 3	8 9	1 7	1	Harold E. Smith, Westmount, Que.
134246	Kruger	Toronto	Scow—Chd	1904	Duluth Minn. U.S.A.	111 0	27 4	8 0	243	Toronto Sand & Gravel Co., Ltd. Toronto, Ont.
112331	Kulota	Collingwood	Sloop	1904	Collingwood, Ont.	26 0	7 5	3 7	3	Howard Turnbull, M.O., Montreal, Que.
121889	Kuroki	Yarmouth	Sloop	1905	Barrington, N.S.	30 0	11 4	6 0	10	Judah A. Newell, M.O., Cape Island, N.S.

126605	L. 7	Chatham, N.B.	Barge—Chd.	1909	Loggieville, N.B.	74 0	22 6	6 0	142	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
126606	L. 8	Chatham, N.B.	Barge—Chd.	1909	Loggieville, N.B.	74 0	22 6	6 0	142	Northern Dredging & Construction Co., Ltd., Loggieville, N.B.
138138	L. A. J. T.	Quebec	Schr—Glt.	1915	Ile-aux-Coudres, Que.	45 8	16 5	6 2	25	Louis Tremblay, Ile-aux-Coudres, Que.
126872	L. C. M.	Digby	Schr—Glt.	1910	Comeauville, N.S.	41 0	13 0	5 5	13	Mrs. C. A. Morton, Centreville, N.S.
126163	L.C. & S., No. 1.	Montreal	Scow..Chd.	1906	Cornwall, Ont.	57 0	16 0	3 5	53	Lyon Cohen, Montreal, Que.
126303	L.C. & S., No. 2.	Montreal	Scow—Chd.	1908	Hawkesbury, Ont.	55 4	14 6	3 7	22	Lyon Cohen, Montreal, Que.
126304	L.C. & S., No. 3.	Montreal	Scow—Chd.	1908	Cornwall, Ont.	79 0	20 0	5 4	91	Lyon Cohen, Montreal, Que.
126305	L.C. & S., No. 4.	Montreal	Barge—Chd.	1904	Lachine, Que.	65 7	14 0	3 5	26	Lyon Cohen, Montreal, Que.
126307	L.C. & S., No. 6.	Montreal	Barge—Chd.	1905	Cornwall, Ont.	60 1	16 3	4 5	35	Lyon Cohen, Montreal, Que.
130396	L.C. & S., No. 7.	Montreal	Scow—Chd.	1910	Montreal, Que.	57 0	16 0	4 6	37	Lyon Cohen, Montreal, Que.
126308	L.C. & S., No. 8.	Montreal	Scow—Chd.	1907	Cornwall, Ont.	79 7	24 6	8 0	120	Lyon Cohen, Montreal, Que.
126309	L.C. & S., No. 9.	Montreal	Scow—Chd.	1907	Cornwall, Ont.	82 3	24 6	7 7	127	Lyon Cohen, Montreal, Que.
126310	L.C. & S., No. 10.	Montreal	Scow—Chd.	1906	Cornwall, Ont.	78 3	21 0	8 0	106	Lyon Cohen, Montreal, Que.
126311	L.C. & S., No. 11.	Montreal	Scow—Chd.	1906	Cornwall, Ont.	70 9	20 9	7 4	86	Lyon Cohen, Montreal, Que.
126312	L.C. & S., No. 12.	Montreal	Scow—Chd.	1907	Cornwall, Ont.	55 2	17 6	5 8	43	Lyon Cohen, Montreal, Que.
126313	L.C. & S., No. 13.	Montreal	Scow—Chd.	1906	Cornwall, Ont.	70 6	20 2	7 2	84	Lyon Cohen, Montreal, Que.
126314	L.C. & S., No. 14.	Montreal	Scow—Chd.	1905	Cornwall, Ont.	61 5	16 5	5 0	39	Lyon Cohen, Montreal, Que.
126315	L.C. & S., No. 15.	Montreal	Scow—Chd.	1906	Cornwall, Ont.	55 3	17 6	4 8	39	Lyon Cohen, Montreal, Que.
126316	L.C. & S., No. 16.	Montreal	Scow—Chd.	1906	Cornwall, Ont.	63 9	18 8	6 1	55	Lyon Cohen, Montreal, Que.
126317	L.C. & S., No. 17.	Montreal	Scow—Chd.	1906	Cornwall, Ont.	66 6	17 3	6 0	55	Lyon Cohen, Montreal, Que.
126318	L.C. & S., No. 18.	Montreal	Scow—Chd.	1906	Cornwall, Ont.	61 0	16 8	5 6	43	Lyon Cohen, Montreal, Que.
74254	[2]L.P.	Quebec	Sloop.	1876 1903	St. Thomas de Pierreville, Que. St. Jean Deschaillons, Q	101 9	23 0	6 3	98	P. Adolphe Lavallée, Quebec, Que.
134483	L.S.G. Co., No. 2.	Montreal	Scow—Chd.	1914	Lachine, Que.	79 3	20 0	4 4	56	Arthur Laforce and Arthur Bélanger, J. O., Lachine, Que.
126862	L.S. No. 3.	Sault Ste. Marie	Dredge—Drague	1896	Duluth, Minn., U.S.A.	100 0	31 3	6 7	383	S. L. Penhorwood, Sault Ste. Marie, Ont.
130774	L.S. No. 8.	Sault Ste. Marie	Dredge—Drague	1896	Duluth, Minn., U.S.A.	100 0	31 3	6 7	383	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134383	L. S. No. 9.	Sault Ste. Marie	Scow. Chd.	1909	South Chicago Ill, U.S.A.	49 6	24 0	6 0	104	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134384	L. S. No. 11.	Sault Ste. Marie	Scow—Chd.	1907	South Chicago, Ill, U.S.A.	98 0	27 0	7 5	198	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134197	L.S. No. 31.	Sault Ste. Marie	Scow—Chd.	1876	Cleveland, Ohio, U.S.A.	105 0	28 0	8 0	377	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
138722	L. W. 15	New Westminster	Scow—Chd.	1910	New Westminster, B.C.	81 0	26 0	6 8	124	Leonard Wilson, New Westminster, B.C.
138723	L. W. 27	New Westminster	Scow—Chd.	1911	New Westminster, B.C.	81 0	26 0	6 8	124	Leonard Wilson, New Westminster, B.C.
138724	L. W. 33	New Westminster	Scow—Chd.	1913	New Westminster, B.C.	77 6	25 2	6 3	107	Leonard Wilson, New Westminster, B.C.
138694	L. W. 37	Vancouver	Scow—Chd.	1913	New Westminster, B.C.	81 0	26 0	6 3	109	Leonard Wilson, New Westminster, B.C.
134254	L. W. S. Co.. Ltd, No. 1.	Winnipeg	Barge—Chd.	1911	Winnipeg, Man.	188 5	33 5	8 0	423	Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.
134255	L. W. S. Co., Ltd., No. 2.	Winnipeg	Barge—Chd.	1911	Winnipeg, Man.	188 5	33 5	8 0	423	Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.
134256	L. W. S. Co., Ltd., No. 3.	Winnipeg	Barge—Chd.	1912	Winnipeg, Man.	180 5	37 0	8 0	458	Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.
134257	L. W. S. Co., Ltd., No. 4.	Winnipeg	Barge—Chd.	1912	Winnipeg, Man.	179 5	33 5	9 0	491	Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.
122410	L. T. Demarais	Montreal	Sloop.	1907	St. François du Lac, Que.	110 0	23 2	7 0	135	Edmond Lizotte, Pierreville, Que.
130984	L'Acadie	Chatham, N.B.	Schr—Glt.	1912	Lamek, N.B.	37 0	14 0	6 4	17	Lange Aché, Lamek, N.B.
130337	L'Acadienne	Chatham, N.B.	Schr—Glt.	1911	Lamek, N.B.	37 0	13 3	5 8	18	John S. Noel, Shippigan Island, N.B.
103623	L'Ange	Quebec	Sloop.	1895	Isle Verte, Que.	30 6	11 9	4 6	10	L. Michaud, Isle Verte, Que.
130987	L'Assomption	Chatham, N.B.	Schr—Glt.	1912	Lower Caraquet, N.B.	41 8	14 5	6 0	18	Jacob J. L. Chiasson, Lower Caraquet, N.B.
92763	L'Audacieuse	Quebec	Schr—Glt.	1889	Chicoutimi, Que.	55 8	20 0	7 5	48	Louis Leclere, Kamouraska, Que.
80655	L'Auréat	Quebec	Schr—Glt.	1879	Cap Santé, Que.	57 6	5 2	6 4	39	Malcolm Hovington, Bon Désir, Que.
126160	L'Aurore Boreale	Kingston	Schr—Glt.	1908	St. Jean des Chaillons, Q.	107 0	23 1	6 9	127	James Swift & Co., Ltd., Kingston, Que.
138512	L'Eboulement	Quebec	Schr—Glt.	1917	Eboulement, Que.	74 0	24 0	7 5	82	Jules Tremblay, Les Eboulement, Que.
103138	L'Epervier	Quebec	Sloop.	1894	Baie St. Paul, Que.	37 2	13 8	5 2	15	Edmond Thivierge, St. Antoine, Isle aux-Grues, Que.
83347	L'Espérance en Marie	Quebec	Schr—Glt.	1881	Petite Rivière, Que.	56 4	19 5	7 2	44	Aimé Guérin, St. Siméon, Que.
107773	L'Etoile	Chatham, N.B.	Schr—Glt.	1900 1917	Caraquet, N.B.	40 0	14 0	6 3	22	Prudent Gallien, Caraquet, N.B.
103980	L'Etoile de la Mer.	Quebec	Schr—Glt.	1897	Baie St. Paul, Que	48 6	16 8	6 4	29	Emile Dumont, Tadoussac, Que.
107493	L'Etoile de la Mer.	Quebec	Sloop.	1897	St. Siméon, Que.	35 2	11 4	4 5	11	F. Savard, St. Siméon, Que.

[2]Formerly "Indiana."

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116705	L'Infatigable	Quebec	Schr—Glt	1904	Les Escoumains, Que	61 8	20 6	6 0	43	Elzear Bois, Malbaie, Que.
111490	La Bellay	Quebec	Schr—Glt	1900	St. Siméon, Que	69 2	23 0	8 0	80	Moise Chenal, Grand Machins, Que.
126154	La Berard	Montreal	Scow—Chd	1907	Sorel, Que	103 7	22 6	14 5	233	W. H. Dwyer Co., Ltd., Ottawa, Ont.
103625	La Bienvenue	Quebec	Schr—Glt	1896	Baie St. Paul, Que	53 4	18 2	7 2	38	Gonzague Simard, St. Siméons, Que.
103355	La Clerina	Quebec	Schr—Glt	1894	Green Island, Que.	42 2	13 6	5 8	20	N. Levesque, Green Island, Que.
138054	La Doucet	Chatham, N.B.	Schr—Glt	1916	Caraquet, N.B.	45 5	14 0	6 5	22	Daniel D. Landry, Caraquet, N.B.
112045	La Marie Reine	Quebec	Schr—Glt	1902	Rivière Claude, Que.	88 2	26 2	10 0	99	Wm. Bouchard, Sr., *et al.*, J.O. St. Simeon, Que.
100855	La Marinière	Quebec	Schr—Glt	1893	Rivière Claude, Que	67 2	21 6	8 0	76	Revillion Bros. Ltd., Montreal, Que.
74355	La Mode	Pictou, N.S.	Schr—Glt	1877	Merigomish, N.S.	18 7	15 1	6 2	26	John Forrestall, Auld's Cove, N.S.
75696	La Mouette	Quebec	Schr—Glt	1877	Quebec, Que	73 5	20 8	8 5	65	Ferdinand Jacques, M.O., Grand Mechin, Que.
107510	La Punaise	Quebec	Sloop	1898	St. Siméon, Que	31 4	12 0	4 0	10	F. X. Morin, St. Siméon, Que.
126381	La Trinité	Quebec	Schr—Glt	1891 1906	St. Joachim, Que. St. Joachim, Que.	72 7	23 0	6 6	47	Joseph Gagné, Baie St. Paul ,Que.
138383	Laberge	Lunenburg	Schr—Glt	1916	Dayspring, N.S.	102 4	24 2	10 2	97	Robert F. Hollett, Burin, Nfld.
92291	Lackawanna	Ottawa	Barge—Chd	1884	Champlain, Que.	106 0	22 7	7 0	154	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
77766	Laconic	St. Andrews	Schr—Glt	1880	McNutt's Island, N.S.	39 5	14 3	5 8	15	Charles Judge, St. Andrews, N.B.
107901	Lady Aberdeen	St. Andrews	Sloop	1895	Quaco, N.B.	32 6	14 7	6 0	18	Alva B. Small, Grand Manan, N.B.
121937	Lady Betty	Halifax	Sloop	1901	New Bedford, Mass. USA	28 8	7 7	4 5	5	Sidney C. Oland, Dartmouth, N.S.
103856	Lady Bird	Halifax	Sloop	1897	Dartmouth, N.S.	23 6	6 6	4 0	2	Lt.-Col. A. W. A. Duncan, Naughton, Eng.
72072	Lady Fougère	Arichat	Schr—Glt	1883	River Bourgeois, N.S.	40 7	13 7	5 4	15	Docité Fougère, River Bourgeois, N.S.
75889	Lady Franklin	Charlottetown	Schr—Glt	1881	Tatamagouche, N.S.	72 4	21 8	8 0	77	Robert Renson, North Sydney, N.S.
138136	Lady Heppell	Quebec	Schr—Glt	1913	Chicoutimi, Que.	65 8	21 5	6 6	58	Arthur and Wm. Tremblay, Malbaie, Que.
71924	Lady Hill	Pictou, N.S.	Schr—Glt	1875	Exploits Bay, Nfld.	67 8	19 9	8 5	64	Lubin Cormier and Charles D. Chiasson, Margaret Harbour, N.S.
134596	Lady Lambert	Paspebiac	Schr—Glt	1914	Grand River, Que.	37 0	12 1	3 8	10	Celestin Lambert, M.O., Grand River, Que.
111480	Lady Laurier	Arichat	Schr—Glt	1901	Petite de Grat, N.S.	32 6	11 0	5 3	12	Paul Le Blanc, Poulamon, N.S.
126951	Lady Mine	Victoria	Schr—Glt	1880	Port Ludlow,Wash.,U S.A	76 0	21 9	8 4	55	Andrew Beehtel, Victoria, B.C.
111581	Lady Smith	Peterborough	Barge—Chd	1900	Lakefield, Ont.	86 0	20 0	5 2	76	Wm. H. White, Lakefield, Ont.
111461	Ladysmith	Chatham, N.B.	Schr—Glt	1900	Shippigan, N.B.	37 6	13 6	6 1	17	R. A. Paulin, Lamek, N.B.
107809	Ladysmith	St. John, N.B.	Schr—Glt	1900	Cambridge, N.B.	51 7	20 2	5 3	30	Albert A. and Hazen E. Edgar, Kars, N.B.
96881	Lake St. Louis, No1	Ottawa	Floating Light			58 2	16 8	7 8	63	The Minister of Marine and Fisheries, Ottawa, Ont.
96882	Lake St. Louis, No.2	Ottawa	Floating Light			58 2	16 8	7 9	64	The Minister of Marine and Fisheries, Ottawa, Ont.
96883	Lake St. Louis, No.3	Ottawa	Floating Light			58 2	16 8	7 6	66	The Minister of Marine and Fisheries, Ottawa, Ont.
96884	Lake St. Peter, No.1	Ottawa	Floating Light			56 4	15 6	7 2	46	The Minister of Marine and Fisheries, Ottawa, Ont.
96885	Lake St. Peter No.2	Ottawa	Floating Light			56 4	15 6	7 2	46	The Minister of Marine and Fisheries, Ottawa, Ont.
96886	Lake St.Peter, No.3	Ottawa	Floating Light			56 4	15 6	7 2	46	The Minister of Marine and Fisheries, Ottawa, Ont.

121929	Lala	Quebec	Schr—Glt	1901	Ste. Anne des Monts, Que.	67 2	21 0	5 5	45	Joseph Jacques, Michins, Que.
74233	Laliberté	Quebec	Sloop	1875	St. Jean des Chaillons, Que.	110 0	24 0	8 0	135	N. Heroux and D. Lefebvre, Deschambault, Que.
130983	Lamecca	Chatham, N.B	Schr—Glt	1912	Lamek, N.B.	39 0	13 6	6 4	19	Camille Aché, Lamek, N.B.
126362	Lanark	Montreal	Dredge—Drague	1907	Cornwall, Ont.	79 4	22 8	5 3	132	Lyon Cohen, Montreal, Que.
126101	Lantana	Lunenburg	Schr—Glt	1908	Martin's Brook, N.S.	46 5	12 5	6 7	17	Robin, Jones & Whitman, Ltd., Halifax, N.S.
134504	Lantonia	Canso	Schr—Glt	1917	Gegoggin, N.S.	37 2	13 8	6 8	19	Henry F. Gaskill, M.O. Gegoggin, N.S.
130664	Lapewalen	Richibucto	Schr—Glt	1911	Rexton, N.B.	32 0	12 4	5 0	10	Joseph Doucett, Rexton, N.B.
96918	Lapwing	Montreal	Barge—Chd	1892	Garden Island, Ont.	175 7	31 2	12 1	516	Alphonse A. Laroque, Montreal, Que.
103003	Lark	Chatham, N.B	Schr—Glt	1892	Shippigan, N.B.	34 0	12 3	4 5	10	Thomas Ahier, Shippigan, N.B.
103316	Laura	Port Hawkesbury	Schr—Glt	1894	Cheticamp, N.S.	33 8	10 9	5 1	10	The C. Robin, Collas Co., Ltd., Halifax, N.S.
107501	Laura	Quebec	Sloop	1897	Tadoussac, Que.	37 2	13 8	4 9	16	B. Caron, Tadousac, Que.
107662	Laura	Quebec	Schr—Glt	1898	Rimouski, Que.	28 0	10 5	4 2	8	The Minister of Lands, Mines & Fisheries for Prov.Que,, Que.
96956	Laura	St. John, N.B	Schr—Glt	1890	Chipman, N.B.	59 0	23 0	5 0	40	Alex. Gale, Waterborough, N.B.
80980	Laura B	Sydney, N.S	Schr—Glt	1883	St. Ann's, N.S.	74 2	23 6	8 7	90	Hugh Campbell, South Whycocomagh, N.S.
117136	Laura B	Barrington Passage	Sloop	1905	Cape Island, N.S.	34 0	12 0	5 6	10	Clifford D. Atkinson, Cape Island, N.S.
111908	Laura B. G	Arichat	Schr—Glt	1898	Country Harbour, N.S.	31 0	11 6	4 6	10	John S. Wells, White Head, N.S.
103738	Laura C. Hall	Parrsboro'	Schr—Glt	1898	Parrsboro', N.S.	81 0	25 6	8 1	100	Anglo Columbiana Development Co., Ltd., London, England.
61615	Laura Cox	Guysboro'	Schr—Glt	1875	Country Harbour, N.S.	58 7	20 4	7 1	49	John Murphy, Louisburg, N.S.
88565	Laura D	Kingston	Sloop	1884	Kingston, Ont.	64 6	16 7	5 0	36	Robert Davis, Kingston, Ont.
117140	Laura E	Yarmouth	Sloop	1905	Cape Island, N.S.	31 0	11 0	6 0	10	William McMillan, Lockeport, N.S.
121925	Laure Hortense	Quebec	Schr—Glt	1906	St. Fidele, Que.	66 6	19 0	6 5	50	Arthur Michaud, Trois Pistoles, Que.
138804	Laura and Marion	Weymouth	Schr—Glt	1867	Bristol, Me., U.S.A.	62 0	20 0	6 9	53	Wm. Trahan, Belliveau's Cove, N.S.
116203	Laurel	Halifax	Schr—Glt	1903	Pubnico, N.S.	40 0	14 0	6 6	16	Camiel LeBlanc, Margaree, N.S.
126574	Laurent au Coin	Port Hawkesbury	Schr—Glt	1911	Grand Etang, N.S.	36 0	10 6	6 6	10	Laurent au Coin, Cheticamp, N.S.
100451	Laurentides	Quebec	Schr—Glt	1890	Quebec, Que.	65 0	21 6	6 0	55	Francois Bouchard, Quebec, Que.
134043	Lauretta Frances	Lunenburg	Schr—Glt	1913	Lunenburg, N.S.	106 8	26 3	10 4	95	Willet Spindler, M.O., Lunenburg, N.S.
116513	Laurie H	Lunenburg	Schr—Glt	1904	Tancook Island, N.S.	42 8	12 0	7 0	16	John Champion, Alberton, P.E.I.
116204	Laurie J	Yarmouth	Schr—Glt	1903	Meteghan, N.S.	69 0	21 5	8 0	65	Isaac A. Hopkins, Halifax, N.S.
126687	Laurin & Leitch, No. 1.	Montreal	Dredge—Drague	1909	Montreal, Que.	74 0	40 0	5 9	297	Laurin & Leitch Engineering & Construction Co., Ltd., Montreal, Que.
130528	Laurin & Leitch, No. 2.	Montreal	Scow—Chd	1910	Montreal, Que.	55 2	22 0	6 7	89	
130529	Laurin & Leitch No. 3.	Montreal	Scow—Chd	1910	Montreal, Que.	57 0	22 0	6 6	89	
130523	Laurin & Leitch. No. 4.	Montreal	Dredge—Drague	1911	Montreal, Que.	100 4	31 9	4 1	236	
134156	Laurin & Leitch, No. 5.	Montreal	Scow—Chd	1912	Montreal, Que.	76 1	22 0	6 8	91	
140954	Laurin & Leitch, No. 6.	Montreal	Scow—Chd	1912	St. John's, Que.	60 2	20 0	4 5	43	Laurin & Leitch Engineering & Construction Co., Ltd., Montreal, Que.
111838	Lavina D	Digby	Schr—Glt	1902	Mavilette, N.S.	41 0	12 7	6 0	21	Jas. Doucette, Mavilette, N.S.
103702	Lavinie	Yarmouth	Schr—Glt	1896	Pinkney's Point, N.S.	64 0	21 5	7 4	50	D. Surette, Yarmouth, N.S.
116326	Lavonia	Pictou, N.S	Schr—Glt	(1903) (1918)	Port Greville, N.S.	129 2	32 0	10 7	266	Harry P. Mathews, Halifax, N.S.
94780	Lawrence	Charlottetown	Schr—Glt	1888	Lunenburg, N.S.	76 4	23 5	9 2	79	Frank M. Murray, Campbellton, N.B.
103619	Le Canadien	Quebec	Sloop	1895	Tadoussac, Que.	54 0	16 8	5 8	31	Xavier Gagne, Tadousac, Que.
107509	Le Célina	Quebec	Sloop	1898	St. Siméon, Que.	33 9	11 8	4 5	10	Auguste Desbiens, St. Siméon, Que.
134188	[1]Leconfield	St. John, N.B	Dredge—Drague	1913	Holland	154 6	26 5	9 8	333	James Dredging Towing & Transport Co., Ltd., Southampton, England.
138132	Le Don de Dieu	Quebec	Schr—Glt	1908	St. Romuald, Que.	73 9	23 5	7 0	66	Louis LeClaire, Kamouraska, Que.
111659	Le Maria	Montreal	Sloop	1901	St. Thomas de Pierreville,	99 6	23 0	6 6	117	William Charland, Montreal, Que.
100456	Le Marquis de Lorne	Quebec	Sloop	1880	Tadoussac, Que.	38 0	14 6	4 9	17	A. Talbot, Cap St. Ignace, Que.
85452	Le Petrel	Quebec	Sloop	1882	Quebec, Que.	42 5	16 0	4 0	18	Simon Peters, Quebec, Que.
103360	Le Point du Jour	Quebec	Barge—Chd	1895	St. Thomas de Pierreville, Que.	102 6	22 6	6 6	123	The Ogilvie Flour Mills Co., Ltd., Montreal, Que.
126156	Le Voilier	Montreal	Sloop	1908	St. Jean des Chaillons, Que.	97 2	22 5	7 4	94	Windrush Shipping Co., Ltd., Ottawa, Ont.

[1] A recovered wreck.

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es	Registered tonnage. — Tonnage enregistré.	Owner or Manager Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
137918	Lea Légere	Chatham, N.B.	Schr—Glt.	1915	Caraquet, N.B.	45 5	14 3	6 0	19	Nazere Legere, Caraquet, N.B.
107535	Leader	St. John, N.B.	Schr—Glt.	1898	Canning, N.S.	63 8	23 4	6 2	55	Frederick A. Peters, St. John, N.B.
94947	Leader	Shelburne	Schr—Glt.	1889	Shelburne, N.S.	88 0	24 0	10 6	128	George A. Cox, Shelburne, N.S.
37551	Leading Star	Halifax	Schr—Glt.	1854	Lunenburg, N.S.	56 3	17 8	7 4	39	Isaac Harpell, Halifax, N.S.
100077	Leah D.	St. John, N.B.	Schr—Glt.	1891	Waterborough, N.B.	64 9	23 6	5 5	48	John E. Moore, St. John, N.B.
107374	Leah Hardy	Sydney, N.S.	Schr—Glt.	1901	Gabarouse, N.S.	45 1	14 5	6 0	20	Murdock McLean, Murray Bay, P.E.I.
137924	Leantine	Chatham, N.B.	Schr—Glt.	1915	Little Shippigan, N.B.	42 0	14 2	6 5	21	oseph J. Savoy, Lamek, N.B.
92769	Leda	Quebec	Barge—Chd.	1890	Yamaska, Que.	105 0	22 1	8 2	148	Thomas Gauthier, Montreal, Que.
126933	Legère	Quebec	Schr—Glt.	1910	Bic, Que.	86 8	25 0	7 5	82	N. Arthur St. Pierre, Bic, Que.
100296	Leigh J.	Chatham, N.B.	Barge—Chd.	1892	Chatham, N.B.	52 0	17 3	6 8	34	W. S. Loggie & Co., Ltd., Chatham, N.B.
126653	Leland	Midland	Dredge—Drague	1911	Welland, Ont.	100 0	45 0	9 0	470	Canadian Dredging Co., Ltd., Midland, Ont.
96763	Lelia Linwood	Arichat	Barge—Chd.	1870	Salisbury, Mass., U.S.A.	75 5	21 5	7 9	67	Wilson Trenholm, Port Elgin, N.B.
126446	Lemay	Kenora	Scow—Chd.	1909	Kenora, Ont.	51 0	14 3	2 8	17	Napoleon Lemay, Norman, Ont.
100320	Lena	Barrington Passage	Schr—Glt.	1892	Pubnico, N.S.	40 0	13 2	5 5	13	Lovitt Nickerson, Cape Island, N.S.
100343	Lena	Maitland	Schr—Glt.	1901	Noel, N.S.	62 2	20 5	7 2	51	Horace E. Grant, Spencers Island, N.S.
121887	Lena	Yarmouth	Sloop.	1906	Clyde, N.S.	30 0	11 0	6 0	11	Joseph Nickerson, Cape Island, N.S.
111905	Lena Jane	Arichat	Schr—Glt.	1901	Petit-de-grat, N.S.	31 0	10 6	5 6	11	Thos. Joyce, Pouhumond, N.S.
116732	Lena M.	Canso	Schr—Glt.	1904	Port Hilford, N.S.	48 6	16 8	7 4	28	Clarence S. Strople, Boylston, N.S.
100951	Leo	Chatham, N.B.	Schr—Glt.	1893	Caraquet, N.B.	37 5	12 4	5 2	13	W. S. Loggie & Co., Ltd., Chatham, N.B.
85342	Leo	Charlottetown	Schr—Glt.	1882	Mahone Bay, N.S.	97 2	24 6	10 8	120	John M. Chapman, Murray River, P.E.I.
134238	Leo B.	Montreal	Scow—Chd.	1911	Montreal, Que.	110 8	28 1	8 2	199	Quinlan & Robertson, Ltd., Montreal, Que.
126713	¹Leonard C.	St. John, N.B.	Schr—Glt.	1872	East Machias, Me., U.S.A.	103 7	26 5	8 6	144	Edmund Willigar, Parrsboro, N.S.
100177	Leopold	Montreal	Sloop.	1891	St. Francois, Que.	107 5	22 2	7 3	144	Samuel Charland, Montreal, Que.
96827	Leopold	Quebec	Schr—Glt.	1899	Lunenburg, N.S.	79 6	24 0	9 3	93	Henri Carré, M.O., Port au Persil, Que.
100459	Les Ecureuils	Quebec	Schr—Glt.	1892	Les Ecureuils, Que.	65 2	18 6	6 9	57	Joseph Lajoie, St. Fulgence, Que.
130959	Leta J. Schwartz	Lunenburg	Schr—Glt.	1912	Lunenburg, N.S.	106 8	26 3	10 4	95	W. C. Smith & Co., Ltd., Lunenburg, N.S.
83474	Letter B.	St. Andrews	Schr—Glt.	1875	Brier Island, N.B.	29 0	12 1	5 6	12	Mrs. Sophia Cook, St. George, N.B.
122059	Letty Jane	Chatham, N.B.	Schr—Glt.	1907	Miscou Island, N.B.	37 0	13 6	12 0	15	William Fruing & Co., Ltd., Shippigan Island, N.B.
138057	Levi Albert	Chatham, N.B.	Schr—Glt.	1916	Caraquet, N.B.	37 0	13 0	5 0	13	Luke Albert, Caraquet, N.B.
88670	Levinia	Chatham, N.B.	Schr—Glt.	1886	Tignish, P.E.I.	40 0	13 9	5 2	18	Wm. Deagle and A. M. Crosby, Miminegash, P.E.I.
100519	Levuka	Parrsboro'	Schr—Glt.	1893	Port Greville, N.S.	69 0	24 5	7 1	76	Wm. M. Tupper, Annapolis, N.S.
121990	Lewes	Victoria	Barge—Chd.	1907	White Horse, Y.T.	105 5	34 7	5 5	167	The British Yukon Navigation Co., Ltd., Victoria, B.C.
138347	Lewis Brothers	Halifax	Schr—Glt.	1917	Sheet Harbour, N.S.	178 5	37 4	14 0	675	Lewiston Shipping Co., Ltd., Lewiston, N.S.
130462	Lewis H. Smith	Lunenburg	Schr—Glt.	1911	Lunenburg, N.S.	108 0	26 1	10 5	98	William C. Smith, M.O., Lunenburg, N.S.
107324	Lewiston	Halifax	Schr—Glt.	1900	Sheet Harbour, N.S.	60 5	20 5	8 0	59	William F. Williams, Port Hawkesbury, N.S.
92396	Lia	Kingston	Sloop.	1888	Kingston, Ont.	53 0	16 4	4 3	21	James Eccles, Belleville, Ont.

91639	Libbie	Victoria	Schr—Glt	1889	Shelburne, N.S.	81 0	21 9	9 2	93	Victor Jacobson, Esquimalt, B.C.
130343	Libby P.	Charlottetown	Schr—Glt	1911	North Rustico, P.E.I.	35 7	11 7	5 1	11	Joseph N. Pino, North Rustico, P.E.I.
107548	Lidie & Julia	St. John, N.B.	Sloop	1897	St. John, N.B.	34 1	12 3	4 0	8	George H. Foster, Grand Manan, N.B.
107416	Lighthouse, No. 1	Vancouver	Scow—Chd	1897	Vancouver, B.C.	36 2	10 0	3 0	8	Federation Brand Salmon Canning Co., Ltd., Victoria B.C.
107447	Lighthouse No. 2	Vancouver	Scow—Chd	1896	Vancouver, B.C.	30 0	12 0	2 5	7	Federation Brand Salmon Canning Co., Ltd., Victoria, B.C.
107714	Lighthouse No. 3	Vancouver	Scow—Chd	1898	Vancouver, B.C.	36 0	14 0	3 7	14	Federation Brand Salmon Canning Co., Ltd., Victoria, B.C.
42684	Lightning	St. John, N.B.	Schr—Glt	1862	St. John, N.B.	69 3	18 4	7 4	38	Richard Scott, *et al.*, St. John, N.B.
122458	Lila A.	Barrington Passage	Sloop	1906	Cape Island, N.S.	32 0	10 6	6 0	10	Uriah and Howard S. Atkinson, Cape Island, N.S.
133963 [2]	Lila Boutilier	Lunenburg	Schr—Glt	1901	Gloucester, Mass., U.S.A.	104 0	24 3	15 0	96	Mrs. Annie E. Conrad, M.O., La Have, N.S.
112152	Lillian	Chatham, N.B.	Schr—Glt	1902	Caraquet, N.B.	39 0	13 0	5 6	15	Robin Jones & Whitman, Ltd., Halifax, N.S.
80951	Lillian	Picton, Ont.	Schr—Glt	1859	Henderson, N.Y., U.S.A.	55 0	11 6	4 8	20	Geo. Blowers, Port Credit, Ont.
130815	Lillian B. Corkum	Lunenburg	Schr—Glt	1912	Liverpool, N.S.	108 7	25 6	10 3	97	Zwicker & Co., Ltd., Lunenburg, N.S.
88273	Lillian E.	St. Andrews	Schr—Glt	1881	St. George, N.B.	31 2	11 8	5 9	13	Andrew Wallace, Black's Harbour, N.B.
111901	Lillian Louise	Arichat	Schr—Glt	1901	Guysboro', N.S.	33 0	10 9	5 6	12	Chas. P. Boudrot, Petit de Grat, N.S.
100338	Lillie	Maitland	Schr—Glt	1894	Maitland, N.S.	130 9	31 5	11 7	311	Albert M. Miller, Tignish, P.E.I.
103315	Lillie	Port Hawkesbury	Schr—Glt	1895	Cheticamp, N.S.	35 2	12 0	5 5	12	Fidele Chiasson, Eastern Harbour, N.S.
88626	Lillie	Windsor, Ont.	Schr—Glt	1884	Pike Creek, Ont.	70 8	19 3	4 6	46	Julia Neveaux, Windsor, Ont.
80077	Lillie Bell	St. John, N.B.	Schr—Glt	1881	Rexton, N.B.	79 0	26 6	7 4	89	Geo. W. Erb, St. John, N.B.
107794	Lillie E.	St. John, N.B.	Schr—Glt	1899	Waterborough, N.B.	62 4	23 4	5 7	53	W. W. Barton, Waterborough, N.B.
103217	Lilly	Ottawa	Scow—Chd	1890	Buckingham, Que.	49 0	10 2	2 5	7	George Bothwell, Buckingham, Que.
96790	Lilly C.	Halifax	Schr—Glt	1888	Sambro, N.S.	35 2	11 8	6 5	12	W. McC. Boak, Halifax, N.S.
112377	Lilly May	Arichat	Schr—Glt	1902	West Arichat, N.S.	41 9	14 0	5 9	18	A. Poirier, Descouse, N.S.
103280	Lily	Chatham, N.B.	Schr—Glt	1894	Caraquet, N.B.	35 0	12 0	6 0	11	Prudent Gallien, Caraquet, N.B.
134001	Lily Florence	Chatham, N.B.	Schr—Glt	1914	Caraquet, N.B.	44 0	13 8	6 0	20	Robin, Jones & Whitman, Ltd., Halifax, N.S.
	Lina	Montreal	Barge—Chd	1869	Sorel, Que.	98 0	22 5	6 9	108	Ant. Lavellée, Sorel, Que.
83472	Linden	St. Andrews	Schr—Glt	1881	St. George, N.B.	29 0	11 5	6 0	12	Benjamin Parker, West Isles, N.B.
88407	Linnet	Digby	Schr—Glt	1881	Liverpool, N.S.	38 5	13 3	5 7	15	Jos. H. Morehouse, Sandy Cove, N.S.
100745	Linnet	Windsor, N.S.	Schr—Glt	1896	Blomidon, N.S.	41 4	14 0	4 8	14	David J. Spear, Pennfield, N.B.
100540	Linnie & Edna	Barrington Passage	Schr—Glt	1894	Tiverton, N.S.	52 2	17 6	6 5	30	Maurice A. Nickerson, Clarke's Harbour, N.S.
103292	Lion	New Westminster	Scow—Chd	1894	New Westminster, B.C.	85 0	28 5	5 5	124	The Vancouver Dredging & Salvage Co., Ltd., Vancouver, B.C.
103546	Lis	Halifax	Sloop	1896	Dartmouth, N.S.	23 5	6 4	3 6	3	F. H. Bell, Halifax, N.S.
122571	Lita C.	Yarmouth	Sloop	1907	Mavilette, N.S.	33 0	13 0	6 0	13	Michael Comeau, Mavilette, N.S.
83464	Little Annie	Digby	Schr—Glt	1868	Essex, Mass., U.S.A.	44 3	15 3	5 0	19	Walter F. Leonard, St. John, N.B.
75605	Little Annie	Halifax	Schr—Glt	1878	Port Gilbert, N.S.	47 0	16 7	6 4	27	Edward Eisner, Marriott's Cove, N.S.
121693	Little Charley	Yarmouth	Sloop	1904	Cape Island, N.S.	33 0	11 3	6 0	10	H. Newell, M.O., Cape Island, N.S.
94822	Little Eddie	Yarmouth	Schr—Glt	1889	Church Point, N.S.	28 6	11 2	4 8	7	G. A. Mallett, Gilbert Cove, N.S.
126161	Little Giant	Montreal	Dredge-Drague	1908	Cornwall, Ont.	79 5	26 8	5 7	133	Lyon Cohen, Montreal, Que.
104000	Little Gracie	St. Andrews	Schr—Glt	1894	Spencer's Island, N.S.	29 0	11 0	5 0	11	Andrew Millar, St. John, N.B.
103318	Little Heir	Port Hawkesbury	Schr—Glt	1895	Cheticamp, N.S.	41 8	13 3	5 9	19	John Chiasson, Eastern Harbour, N.S.
122569	Little Lake	Peterboro	Scow—Chd	1908	Peterboro, Ont.	71 0	21 0	4 0	50	Wm. Irwin and David Conroy, Peterboro, Ont.
59321	Little Nell	St. Andrews	Schr—Glt	1853	Gloucester, Mass., U.S.A.	46 5	15 2	5 7	21	Albert Ingersoll, Grand Manan, N.B.
100563	Lizzie	Sydney, N.S.	Schr—Glt	1892	Mahone Bay, N.S.	120 7	25 8	12 9	245	Dominion Coal Co, Ltd., Glace Bay, N.S.
100900	Lizzie	Weymouth	Schr—Glt	1875	Bath, Me., U.S.A.	76 5	21 8	7 8	68	A. H. Comeau, Meteghan, River N.S.
69961	Lizzie A.	Port Hawkesbury	Schr—Glt	1877	Strait of Canso, N.S.	44 0	16 0	5 9	20	Augustin McInnes, Earnscliffe, P.E.I.
72282	Lizzie A.	St. John, N.B.	Schr—Glt	1876	Canning, N.B.	57 6	20 6	5 7	35	J. D. Hatfield, Kars, N.B.
122455	Lizzie A.	Yarmouth	Schr—Glt	1907	Pubnico, N.S.	60 0	15 6	8 0	33	Existe M. D'Entrement, M.O., Pubnico, N.S.
64552	Lizzie B.	St. John, N.B.	Schr—Glt	1870 1886	Westfield, N.B.	76 5	27 5	7 0	81	Miss Mary E. Shields, Alma, N.B.
122101	Lizzie B.	Yarmouth	Sloop	1906	Mavillette, N.S.	35 0	14 6	7 0	18	Leazine Boudreau, M.O., Mavillette, N.S.
79979	Lizzie C.	Charlottetown	Schr—Glt	1878	St. Martin's, N.B.	75 0	22 4	7 9	79	R. H. Cann, Louisburg, N.S.
103466	Lizzie Catherine	Charlottetown	Schr—Glt	1899	Red Island, N.S.	92 0	23 8	9 8	99	Daniel S. Miller, Alberton, P.E.I.
88664	Lizzie D.	Chatham, N.B.	Schr—Glt	1884	Tracadie, N.B.	40 7	14 4	5 6	17	Mrs. Helen Arseneau, Tracadie, N.B.
122144	Lizzie D.	Yarmouth	Sloop	1906	Salmon River, N.S.	35 0	11 3	5 6	12	Frank J. Harris, Yarmouth, N.S.
103709	Lizzie E.	Yarmouth	Schr—Glt	1897	Port Maitland, N.S.	42 0	12 8	5 4	19	James M. Walker, Yarmouth, N.S.
111910	Lizzie J. Greenleaf	Arichat	Schr—Glt	1899	Canso, N.S.	32 0	10 2	5 9	11	Thos. Ryan, Canso, N.S.
117097	Lizzie May	Arichat	Schr—Glt	1906	Larry's River, N.S.	37 0	11 8	5 6	12	Benjamin L. Pelrine, Larry's River, N.S.

[1] Foreign name "Alma." [2] Foreign name "Theodore Roosevelt".

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.— *Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
100097	Lizzie R	St. John, N.B	Schr—Glt	1892	Cambridge, N.B	74 0	25 0	4 9	80	James A. Gibbon, St. John, N.B.
59342	Lizzie S. McGee	St. Andrews	Schr—Glt	1868	St. George, N.B	35 0	13 0	5 9	14	Joseph McGee, St. George, N.B.
88266	Lizzie Young	St. John, N.B	Schr—Glt	1883	Musquash, N.B	37 1	13 9	5 2	13	Michael Quigg, Musquash, N.B.
85534	Lloyd	Yarmouth	Schr—Glt	1883	Maitland, N.S	45 4	16 3	6 0	31	Willet Ogilvie, Summerville, N.S.
126821	Lloyd George	Lunenburg	Schr—Glt	1910	Shelburne, N.S	108 0	26 0	10 5	99	Gabriel Himmelman, M.O., Riverport, N.S.
134102	Llwyn	Vancouver	Yawl—Yole	1913	Vancouver, B.C	32 0	11 3	4 4	14	Edward V. Fick, Vancouver, B.C.
130981	Lobelia	Chatham, N.B	Schr—Glt	1912	Caraquet, N.B	42 0	14 0	6 5	21	Robin, Jones & Whitman, Ltd., Halifax, N.S.
133760	Lobnitz, P. W. D. No. 3.	St. John, N.B	Rockbreaker	1912	Renfrew, G. B	100 0	36 2	8 8	389	The Minister of Public Works, Ottawa, Ont.
137960	Lobnitz Rockbreaker No. 2	Vancouver	Dredge—Drague	1914	Vancouver, B.C	100 4	38 0	8 8	512	The Minister of Public Works, Ottawa, Ont.
75495	Lochiel	Charlottetown	Schr—Glt	1877	Murray River, P.E.I	56 0	19 0	7 6	41	William A. Simpson, Sackville, N.B.
61833	Lockwood	St. John, N.B	Bk—Bq	1872	Port Gilbert, N.S	175 0	35 5	21 6	950	C. A. Palmer, St. John, N.B.
138265	Lois L. No. 44	Quebec	Scow—Chd	1916	Limoilou, Que	105 6	32 0	8 2	268	Quinlan & Robertson, Ltd., Montreal, Que.
126915	Lola B	Halifax	Schr—Glt	1910	Spry Bay, N.S	32 3	11 4	5 4	10	C. W. Boutilier, Spry Bay, N.S.
83465	Look Out	St. Andrews	Schr—Glt	1857	Essex, Mass., U.S.A	63 2	19 6	7 1	48	F. Wooster, Grand Manan, N.B.
85690	Lora T	Digby	Schr—Glt	1883	Beaver River, N.S	41 0	14 0	5 7	15	Judson T. Thurber, Freeport, N.S.
116729	Lorain	St. John, N.B	Schr—Glt	1905	Cumberland Bay, N.B	60 2	22 4	5 6	53	Arthur J. McEvoy, *et al.*, St. Mary's, N.B.
103560	Loranzo	Montreal	Sloop	1896	St. Francois du Lac, Que	106 7	23 2	8 0	118	E. Desmarais, St. Francois du Lac, Que.
112040	Loranzo	Quebec	Sloop	1902	Tadousac, Que	60 0	18 3	5 2	33	Emile Fournier, L'Islet, Que.
93156	Lord Templetown	Victoria	Bk—Bq	1886	Belfast, Ireland	282 9	40 1	24 0	2,048	The Ship Lord Templetown Co., Ltd., Victoria, B.C.
121816	Loren B. Snow	Yarmouth	Schr—Glt	1906	Lunenburg, N.S	89 8	24 6	10 0	85	Yarmouth Trading Co., Ltd., Yarmouth, N.S.
90640	Lorena	Charlottetown	Schr—Glt	1886	Bay Fortune, Nfld	32 8	12 4	4 5	15	John McLeod, *et al.*, Pugwash, N.S.
116349	Lorina	Arichat	Schr—Glt	1904	River Bourgeois, N.S	44 5	15 6	6 0	18	Wm. J. Levisconte, River Bourgeois, N.S.
121813	Loring B. Haskell	Digby	Schr—Glt	1884	Essex, Mass., U.S.A	82 0	22 8	8 8	70	Alexander J. McFadyen, Tignish, P.E.I.
75907	Lorne	Chatham, N.B	Schr—Glt	1879	Bathurst, N.B	43 0	14 4	5 6	19	W. S. Loggie Co., Ltd., Chatham, N.B.
80998	Lorne	Halifax	Schr—Glt	1886	Isaac's Harbour, N.S	63 6	20 6	7 3	51	Joshua Dauphinee, French Village, N.S.
83290	Lorraine	Kingston	Sloop	1882	Kingston, Ont	81 0	18 6	5 7	63	John S. Phillips, Wolfe Island, Ont.
83316	Lottie	Port Medway	Schr—Glt	1885	Vogler's Cove, N.S	76 6	23 5	9 0	76	S. E. Teel, Vogler's Cove, N.S.
122105	Lottie G	Yarmouth	Sloop	1905	Clyde, N.S	30 0	11 3	6 0	10	M. Cattenbury, Port Medway, N.S.
80884	Lottie M	St. Andrews	Schr—Glt	1881	St. Patrick, N.B	37 7	14 6	5 7	16	Thomas Carter, Pennfield, N.B.
117098	Lottie M. Beatrice	Arichat	Schr—Glt	1906	Half Island Cove, N.S	39 0	13 3	6 3	17	Alex. Chambers and K. H. Turner, Marie Joseph, N.S.
130688	Lottie M. Blanche	Lunenburg	Schr—Glt	1911	Tancook, N.S	40 8	10 1	5 4	12	Silas and Joseph Lant, Chester, N.S.
133672	Lottie R. Russell	Halifax	Barge—Chd	1895	Leesburg, N.J., U.S.A	122 8	32 6	10 4	282	Charles Brister, Halifax, N.S.
126132	Lottie V. M	Halifax	Schr—Glt	1908	West Dover, N.S	40 6	11 8	4 7	10	Isaac Morash, M.O., West Dover, N.S.
107819	Lotus	Peterborough	Barge—Chd	1889	Cobourg, Ont	45 6	20 0	3 0	56	R. B. Rogers, Peterborough, Ont.

94665	Louis Luby	Halifax	Schr—Glt	1889	Chezzetcook, N.S.	59 8	19 0	7 6	41	Isaac A. Hopkins, Halifax, N.S.
130625	Louis P.	Yarmouth	Schr—Glt	1912	Shelburne, N.S.	74 0	19 6	8 3	60	Louis P. d'Entremont, M.O., Pubnico, N.S.
138803	Louis Theriault	Weymouth	Schr—Glt	1918	Belliveau's Cove, N.S.	146 5	32 6	12 0	386	The Hankinson Shipping Co., Ltd., Belliveau's Cove, N.S.
83426	Louisa	St. John, N.B.	Schr—Glt	1883	Port Gilbert, N.S.	40 0	13 5	5 6	16	B. Hargrove, Chance Harbour, N.B.
116583	Louisa A.	Liverpool	Schr—Glt	1900 1903	Sable River, N.S. Port Mouton, N.S.	36 0	10 9	5 2	10	Reuben J. Cott, *et al.*, Port Mouton, N.S.
117100	Louisa Ellen	Arichat	Schr—Glt	1905	White Head, N.S.	35 0	10 5	6 0	11	Daniel Casey, Raspberry, N.S.
88351	Louisa J. Selig	Quebec	Schr—Glt	1884 1911	Lunenburg, N.S. St. Simeon, Que.	85 5	23 8	8 4	66	Adelard Belley, St. Simeon, Que.
83402	Louisa Maud	Halifax	Schr—Glt	1882	Indian Harbour, N.S.	43 8	15 3	6 3	21	Thomas O'Bryan, Ship Harbour, N.S.
96775	Louise	Port Hawkesbury	Schr—Glt	1894	Cheticamp, N.S.	38 0	11 5	5 3	11	P. Boudrot, Cheticamp, N.S.
92338	Louise	Quebec	Schr—Glt	1886	Ste. Luce, Que.	40 0	13 4	4 6	14	A. Letellier, Quebec, Que.
122098	Louise	Yarmouth	Sloop	1905	Pubnico, N.S.	30 0	11 4	6 0	10	Dason H. Langthoun, Wood's Harbor, N.S.
92349	Louisia	Quebec	Schr—Glt	1888	Les Eboulements, Que.	69 2	21 7	8 0	76	Francis Gagnon, Cap Chatte, Que.
112227	Louvima	St. John, N.B.	Sloop	1902	St. John, N.B.	40 3	13 1	6 4	15	F. J. Likely, *et al.*, St. John, N.B.
97189	Lovisa	Windsor, N.S.	Bktn—Bkglt	1891	Horton, N.S.	180 5	37 2	18 5	880	Frederick C. Lockhart, New York, N.Y., U.S.A.
96889	Lower Traverse	Ottawa	Lt. Ship			92 6	21 8	11 6	142	The Minister of Marine and Fisheries, Ottawa, Ont.
134055	Loyola	Lunenburg	Schr—Glt	1914	La Have, N.S.	83 4	23 4	9 7	91	Gordon E. Romkey, M.O., La Have, N.S.
126601	Loze	Chatham, N.B.	Schr—Glt	1909	Caraquet, N.B.	35 0	11 5	5 6	13	Eli Cormier, Upper Caraquet, N.B.
111735	Lucania	Arichat	Schr—Glt	1902	LaHave, N.S.	92 0	24 5	9 4	99	Charles R. Steer, St. John's Nfld.
121949	Lucien	Sorel	Sloop	1907	Sorel, Que.	110 0	23 2	7 4	136	Price Brothers & Co., Ltd., Quebec, Que.
130814	Lucille B. Creaser	Lunenburg	Schr—Glt	1912	Lunenburg, N.S.	106 8	26 3	10 4	99	Arthur Creaser, M.O., Riverport, N.S.
137890	Lucille M. Colp	Lunenburg	Schr—Glt	1916	Lunenburg, N.S.	107 2	25 8	10 5	95	Robin Jones & Whitman, Halifax, N.S.
137881	Lucille M. Smith	Lunenburg	Schr—Glt	1915	Lunenburg, N.S.	102 0	26 0	11 0	98	Abbot Beck, M.O., Lunenburg, N.S.
103330	Lucy	Port Hawkesbury	Schr—Glt	1901	Cheticamp, N.S.	36 9	11 6	5 6	11	Robin, Jones & Whitman, Ltd., Halifax, N.S.
116210	Lucy A.	Yarmouth	Schr—Glt	1903	Meteghan, N.S.	55 0	15 2	8 4	32	James M. Walker, Yarmouth, N.S.
103563	Lue	Montreal	Sloop	1896	St. Thomas de Pierreville, Que.	86 5	21 5	5 1	58	Joseph Lefebvre, Montreal, Que.
103435	Lumber	Ottawa	Barge—Chd	1894	Rockland, Ont.	71 1	18 1	4 4	47	Alex. McLaren, Buckingham, Que.
72945	Lumina	Quebec	Schr—Glt	1875 1908	Malbaie, Que.	52 1	17 3	7 3	33	Adelard Warren, Malbaie, Que.
130760	Lund No. 3	Vancouver	Barge—Chd	1911	Lund, B.C.	84 8	27 2	6 0	117	Frederick G. Thulin, Lund, B.C.
100256	Lutetia	Halifax	Sloop	1894	Dartmouth, N.S.	29 2	7 3	5 1	4	John J. Jenney, Halifax, N.S.
96789	Lydia A. Mason	Halifax	Schr—Glt	1890	Tangier, N.S.	54 3	17 7	7 5	39	Peter Mason, Tangier, N.S.
100217	Lydia E.	Halifax	Schr—Glt	1892	Jeddore, N.S.	35 8	13 1	4 5	10	W. McC. Boak, Halifax, N.S.
122042	Lyla H.	St. Andrews	Sloop	1894	Shelburne, N.S.	30 8	10 0	6 0	11	Owen Frankland, Grand Manan, N.B.
116486	Lyman Casey	Wallaceburg	Schr—Glt	1867	Toledo, Ohio, U.S.A.	126 1	26 0	13 3	277	David A. Gordon, Wallaceburg, Ont.
130436	Lyman M. Davis	Sarnia	Schr—Glt	1873	Muskegon, Mich., U.S.A.	123 0	27 2	9 0	198	John Graham, *et al.*, Kincardine, Ont.
111609	M. B. No. 2	New Westminster	Barge—Chd	1896	Vancouver, B.C.	65 0	20 0	5 0	60	McKenzie Bros., Ltd., Vancouver, B.C.
107571	M. B. & Co., No. One.	Lindsay	Barge—Chd	1892	Bobcaygeon, Ont.	86 6	20 0	5 0	87	Mossom M. Boyd, Bobcaygeon, Ont.
107572	M. B. & Co. No. Two.	Lindsay	Barge—Chd	1890	Bobcaygeon, Ont.	88 0	22 4	5 0	99	Mossom M. Boyd, Bobcaygeon, Ont.
107573	M. B. & Co. No. Three.	Lindsay	Barge—Chd	1892	Bobcaygeon, Ont.	80 7	24 6	5 0	100	Mossom M. Boyd, Bobcaygeon, Ont.
107574	M. B. & Co. No. Four.	Lindsay	Barge—Chd	1890	Bobcaygeon, Ont.	70 0	21 7	5 0	76	Mossom M. Boyd, Bobcaygeon, Ont.
116310	M. C. A.	Charlottetown	Schr—Glt	1906	Souris, P.E.I.	73 4	22 7	7 4	77	Cleophas Arseneau, House Harbour, Magdalen Islands, Que.
103971	M. C. No. 3	Quebec	Barge—Chd	1896	Quebec, Que.	86 0	29 2	7 6	130	M. Connolly, Quebec, Que.
103972	M. C. No. 4	Quebec	Barge—Chd	1896	Quebec, Que.	86 0	29 2	7 6	130	M. Connolly, Quebec, Que.
137979	M. D. D. No. 1	Montreal	Scow—Chd	1915	Montreal, Que.	48 7	18 8	4 5	31	Montreal Dry Docks & Ship Repairing Co., Ltd., Montreal, Que.
137980	M. D. D No. 2	Montreal	Scow—Chd	1915	Montreal, Que.	20 4	8 0	0 8	1	The Hall Engineering Works, Ltd., Montreal, Que.
138091	M. D. D. No. 3	Montreal	Scow—Chd	1915	Montreal, Que.	20 4	6 9	0 8	1	The Hall Engineering Works, Ltd., Montreal, Que.
130535	M. G. C. Co. No. 1	Montreal	Scow—Chd	1911	Welland, Ont.	101 0	30 0	8 0	401	Montreal General Contracting Co., Ltd., Montreal, Que.
138119	M. H. P. No. 1	New Westminster	Barge—Chd	1913	New Westminster, B.C.	100 0	33 0	8 6	261	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.

[1] Formerly "Lillie Soullard."

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Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
138120	M. H. P. No. 2	New Westminster	Barge—Chd.	1913	New Westminster, B.C.	100 0	33 0	8 6	261	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
130779	M. T. No. 1	Port Arthur	Scow—Chd.			104 0	27 5	7 0	193	The Russell Timber Co., Ltd., Port Arthur, Ont.
140911	M. W. W. No. 1	Vancouver	Scow—Chd.	1914	Vancouver, B.C.	86 2	32 1	8 1	193	McNeill, Welch & Wilson, Ltd., Vancouver, B.C.
103035	M. & F. No. 1	Ottawa	Dredge--Drague	1893	Ottawa, Ont.	148 5	30 2	12 2	382	The Minister of Marine and Fisheries, Ottawa, Ont.
131043	M. & F. No. 2	Sorel	Dredge--Drague	1896	Sorel, Que.	168 2	32 0	12 8	509	The Minister of Marine and Fisheries, Ottawa, Ont.
131044	M. & F. No. 3	Sorel	Dredge--Drague	1900	Sorel, Que.	149 7	32 3	11 8	480	The Minister of Marine and Fisheries, Ottawa, Ont.
131045	M. & F. No. 4	Sorel	Dredge--Drague	1900	Sorel, Que.	149 7	32 2	12 9	530	The Minister of Marine and Fisheries, Ottawa, Ont.
131046	M. & F. No. 5	Sorel	Dredge--Drsgue	1901	Sorel, Que.	160 4	35 2	12 8	520	The Minister of Marine and Fisheries, Ottawa, Ont.
131047	M. & F. No. 6	Sorel	Dredge--Drague	1902	Sorel, Que.	177 1	34 5	12 2	559	The Minister of Marine and Fisheries, Ottawa, Ont.
133910	M. & F. No. 7	Sorel	Dredge--Drague	1902	Toronto, Ont.	160 0	41 2	10 5	872	The Minister of Marine and Fisheries, Ottawa, Ont.
126859	M. & F. No. 10	Sorel	Dredge--Drague	1910	Sorel, Que.	132 5	42 1	9 5	702	The Minister of Marine and Fisheries, Ottawa, Ont.
133960	M. & F. Dredge No. 11.	Sorel	Dredge--Drague	1911	Sorel, Que.	129 0	42 1	11 9	734	The Minister of Marine and Fisheries, Ottawa, Ont.
134361	M. & F. Dredge No. 12.	Sorel	Dredge--Drague	1912	Sorel, Que.	180 0	40 1	12 0	682	The Minister of Marine and Fisheries, Ottawa, Ont.
134362	M. & F. Dredge No. 13.	Sorel	Dredge--Drague	1913	Sorel, Que.	180 0	40 1	12 0	682	The Minister of Marine and Fisheries, Ottawa, Ont.
134363	M. & F. Rock Breaker No. 1.	Sorel	Rock Breaker.	1911	Sorel, Que.	100 0	36 0	8 3	198	The Minister of Marine and Fisheries, Ottawa, Ont.
111947	M. & P.	Vancouver	Barge—Chd.	1902	New Westminster, B.C.	85 0	26 0	7 6	135	S. & S. Transportation Co., Ltd., Vancouver, B.C.
83408	M. A. Franklyn	Halifax	Schr—Glt.	1882	Clam Harbour, N.S.	36 7	14 3	5 8	22	D. Gerrior, Tor Bay, N.S.
111440	M. A. Josey	Halifax	Schr—Glt.	1903	Spry Bay, N.S.	47 2	14 0	6 0	17	Bertie Leslie, Halifax, N.S
88596	M. A. Louis	Charlottetown	Schr—Glt.	1885	Pubnico, N.S.	71 5	21 5	7 8	64	J. W. Fyfe, Stanley Bridge, P.E.I.
138493	M. B. Wallace	Montreal	Barge—Chd.	1917	Charlemagne, Que.	128 9	27 3	8 0	252	St. Maurice Paper Co. Ltd., Montreal, Que.
126576	M. C. G. Boudreau	Port Hawkesbury	Schr—Glt.	1911	Cheticamp, N.S.	51 9	13 7	7 0	22	Chas. G. Boudreau, Cheticamp, N.S.
126871	M. E. Hains	Digby	Schr—Glt.	1910	Meteghan River, N.S.	58 0	17 7	6 5	31	Milton Hains, M.O., Freeport, N.S.
116710	M. Elvina C.	Quebec	Schr—Glt.	1904	St. Fabien, Que.	52 8	19 3	7 3	47	Charles Bouchard and Elzear Bois, Malbaie, Que.
121903	M. F. Atwood	Barrington Passage	Sloop	1906	Clarke's Harbour, N.S.	34 0	13 0	6 3	15	James Kenney Co., Ltd., Clarke's Harbour, N.S.
130666	M. G. Morgan	Richibucto	Schr—Glt.	1912	Jardineville, N.B.	36 0	12 0	5 0	12	Mrs. Edward Morgan, West Summerville, Mass., U.S.A.
137915	M. J. Albert	Chatham, N.B.	Schr—Glt.	1915	Caraquet, N.B.	45 0	14 0	6 3	20	John S. Albert, Caraquet, N.B.
116302	M. J. Butler	Charlottetown	Dredge--Drague	1901	River John, N.S.	102 5	40 8	7 3	459	M. J. Haney, Toronto, Ont.
111676	M. J. Taylor	Quebec	Schr—Glt.	1901	Spencer's Island, N.S.	150 5	33 6	12 7	377	Joseph Murphy, Levis, Que.
122240	M. L. Nickerson	Barrington Passage	Sloop	1908	Central Woods Harbour, N.S.	29 8	12 0	5 0	10	James E. Nickerson, Central Woods Harbour, N.S.
130732	M. M. Gardner	Lunenburg	Schr—Glt.	1911	Lunenburg, N.S.	106 8	26 0	10 6	100	William Chas. Smith, M.O., Lunenburg, N.S.
130789	M. P. Delaney	Port Hawkesbury	Schr—Glt.	1915	Grand Etang, N.S.	38 6	11 8	5 3	12	Marceline P. Delaney, Grand Etang, N.S.

126343	M. S. Kenney	Barrington Passage	Schr—Glt	1909	Shelburne, N.S.	72	0	21	6	8	2	66	William H. Kenney, M.O., Clarke's Harbour, N.S.
97022	M. & L. Chase	Digby	Schr—Glt	1866	Kennebunk, Me., U.S.A.	69	9	19	7	6	6	46	Edwin Hooper, Hamilton, Bermuda, B.W.I.
122186	M. O'Toole	Arichat	Schr— Glt	1908	Louisburg, N.S.	51	6	15	5	6	9	32	John C. McDonald and H. C. Gunn, Gabarouse, N.S.
130536	M. Robidoux	Montreal	Sloop	1911	Yamaska, Que.	109	4	23	2	6	9	132	Robidoux Sand Co., Ltd., Montreal, Que.
130779	M. T. No. 1	Port Arthur	Scow—Chd			104	0	27	5	7	0	193	The Russel Lumber Co., Ltd., Port Arthur, Ont.
126104	M. Unity	Lunenburg	Schr—Glt	1908	Tancook, N.S.	50	4	13	7	8	0	26	Robin Jones & Whitman, Ltd., Halifax, N.S.
116977	Mabel	Chatham, N.B.	Schr—Glt	1905	Shippigan, N.B.	38	0	13	4	5	0	16	The W. S. Loggie Co., Ltd., Chatham, N.B.
85687	Mabel	Digby	Schr—Glt	1883	Digby, N.S.	59	4	17	7	6	7	38	Frank Leighton, Pennfield, N.B.
83293	Mabel	Kingston	Sloop	1883	Dog Lake, Ont.	87	8	19	0	5	3	59	Wm. Jones, Belleville, Ont.
103173	Mabel	Shelburne	Schr—Glt	1894	Lockeport, N.S.	53	3	15	4	7	2	21	Geo. Savoy, Chatham, N.B.
100564	Mabel	Sydney, N.S.	Schr—Glt	1892	Mahone Bay, N.S.	120	7	25	8	12	9	247	Dominion Coal Co., Ltd., Montreal, Que.
116658	Mabel A	Yarmouth	Sloop	1904	Pubnico, N.S.	40	0	12	6	6	6	15	Samuel Epstein, Yarmouth, N.S.
107914	Mabel B	St. Andrews	Sloop	1890	Grand Manan, N.B.	29	0	10	5	4	6	9	Webster Cosseboom, Grand Manan, N.B.
107704	Mabel G	Toronto	House-boat	1899	Penetanguishene, Ont.	50	0	20	0	3	0	82	W. M. Thompson, Penetanguishene, Ont.
122140	Mabel L	Yarmouth	Sloop	1906	Barrington, N.S.	30	0	10	6	6	0	10	Harry Banks, Shag Harbour, N.S.
85458	Mabel M	Quebec	Barge—Chd	1883	Iberville, Que.	103	0	23	5	7	6	129	Jos. Mochon, Iberville, Que.
107605	Mabel M	Weymouth	Schr—Glt	1900	Mavillette, N.S.	30	0	12	8	6	0	20	Joseph H. Ball, Charlottetown, P.E.I.
121799	Mabel V	Yarmouth	Sloop	1904	Cape Island, N.S.	31	0	10	6	6	0	10	D. V. Smith, Cape Island, N.S.
126357	Maberly	Montreal	Dredge--Drague	1907	Sorel, Que.	83	5	22	9	5	3	110	Lyon Cohen, Montreal, Que.
112154	Mac	Chatham, N.B.	Schr—Glt	1902	Miscou, N.B.	31	0	12	0	4	8	11	John M. Ward, Miscou Centre, N.B.
121718	McB. No. 1	Vancouver	Scow—Chd		Vancouver, B.C.	74	0	26	0	6	3	73	Thomas G. McBride, Vancouver, B.C.
133717	McB. No. III	Vancouver	Scow—Chd	1912	North Vancouver, B.C.	75	1	30	1	8	0	148	Thomas G. McBride, Vancouver, B.C.
107584	McD. & C., No. One.	Lindsay	Barge—Chd	1897	Lindsay, Ont.	66	5	18	3	5	0	61	John Carew, Lindsay, Ont.
107585	McD. & C., No. Two.	Lindsay	Barge—Chd	1897	Lindsay, Ont.	62	6	18	1	4	8	54	John Carew, Lindsay, Ont.
107937	McW. No. 1	New Westminster	Barge—Chd	1898	New Westminster, B.C.	40	0	12	0	4	0	19	Dan'l McWilliams, Westham Islands, B.C.
130848	McBride & Co., 2	Vancouver	Scow—Chd	1911	North Vancouver, B.C.	73	4	28	0	6	6	123	T. G. McBride, M.O., Vancouver, B.C.
131009	[2]McDougald	St. John, N.B.	Dredge--Drague		U.S.A.	114	6	40	3	12	3	806	Roger Miller & Co. (P.E.I.), Ltd., Montreal, Que.
117152	McDowell No. 3	New Westminster	Barge—Chd	1902	Vancouver, B.C.	68	0	23	0	6	6	102	John McDowell, Vancouver, B.C.
130780	McLean No. 1	Sault Ste. Marie	Scow—Chd	1907	Sault Ste. Marie, Ont.	90	0	24	0	8	0	179	Alexander B. McLean, Sault Ste. Marie, Ont.
134192	McLean No. 2	Sault Ste. Marie	Scow—Chd	1911	Sault Ste. Marie, Ont.	80	0	24	0	6	5	125	Alexander B. McLean, Sault Ste. Marie, Ont.
134380	McLean No. 3	Sault Ste. Marie	Scow—Chd	1913	Sault Ste. Marie, Ont.	78	0	30	0	7	0	164	Alexander B. McLean, Sault Ste. Marie, Ont.
131008	[3]McMartin	St. John, N.B.	Dredge--Drague		U.S.A.	229	7	37	0	19	9	1,348	Norton Griffiths Dredging Co., Ltd., Montreal, Que.
121691	Maccabee	Yarmouth	Sloop	1904	Port Maitland, N.S.	34	0	10	3	5	5	10	Edison Ellis, M.O., Port Maitland, N.S.
116919	Madeline	Liverpool	Sloop	1906	Brooklyn, N.S.	44	0	13	6	7	0	16	Herbert Rendell, M.D., St. John's, Nfld.
121676	Madeline	Vancouver	Sloop		Seattle, Wash., U.S.A.	25	0	9	0	4	0	7	John Green, Vancouver, B.C.
138823	Madeline E. Adams	Lunenburg	Schr—Glt	1918	Mahone Bay, N.S.	102	6	26	2	10	2	95	Wm. Duff, M.O., Lunenburg, N.S.
121896	Madeline Frances Louise.	Shelburne	Sloop	1906	Shelburne, N.S.	37	0	13	0	5	7	13	Chester L. Guptill, Grand Harbour, N.B.
134162	Madeline L	Yarmouth	Schr—Glt	1914	Eel Brook, N.S.	40	0	12	4	5	0	9	William Le Blanc, *et al.*, Abrams River, N.S.
96866	Madge	Prescott	Barge—Chd	1897	Toronto, Ont.	130	0	27	0	11	0	335	The Canada Sugar Refining Co., Ltd., Montreal, Que.
107410	Madona	Montreal	Sloop	1899	Sorel, Que.	120	2	25	4	10	7	258	Moise Robidoux, St. Michel, Que.
126569	Madona May	Sydney, N.S.	Schr—Glt	1910	Long Island, N.S.	38	8	11	9	5	5	16	James Bonnar, Glace Bay, N.S.
130586	[4]Madonna V	Halifax	Schr—Glt	1892	Essex, Mass., U.S.A.	91	2	23	8	9	2	77	James R. Laing, *et al.*, Liscomb, N.S.
116480	Maggie	Chatham, N.B.	Schr—Glt	1902	Caraquet, N.B.	34	0	12	0	4	6	10	John Paulin, Caraquet, N.B.
88570	Maggie	Kingston	Barge—Chd	1869	Garden Island, Ont.	166	4	26	4	11	8	415	Percy C. Bonham, Montreal, Que.
117094	Maggie Alice	Arichat	Schr—Glt	1905	Port Felix, N.S.	36	0	12	1	5	7	11	P. Cashin, M.O., Port Felix, N.S.
107064	Maggie Alice	St. John, N.B.	Schr—Glt	1897	The Range, N.B.	65	0	23	2	5	7	51	Jos. A. Sabean, St. John, N.B.
107316	Maggie B	Halifax	Schr—Glt	1899	West Chezzetcook, N.S.	46	5	16	2	5	9	25	Norman Chandler, Chester, N.S.
112018	Maggie Bell	Canso	Schr—Glt	1902	Half Isld. Cove, N.S.	45	5	14	5	8	0	26	Chas. S. Horton, Half Isld. Cove, N.S.
100580	Maggie E. C	Lunenburg	Schr—Glt	1893	Mahone Bay, N.S.	41	8	15	5	6	1	20	W. S. Loggie Co., Ltd., Chatham, N.B.
107377	Maggie Ella	Sydney, N.S.	Schr—Glt	1901	Cape North, N.S.	38	3	12	2	5	3	11	Timothy Donavan, Cape North, N.S.
116350	Maggie F	Arichat	Schr—Glt	1904	River Bourgeois, N.S.	37	7	13	9	6	0	15	Stephen Buckland, Glace Bay, N.S.
92514	Maggie Jane	St. Andrews	Schr—Glt	1879	Back Bay, N.B.	29	4	10	5	5	0	10	Alex. McNichol, St. George, N.B.
88277	Maggie Jane	St. John, N.B.	Schr—Glt	1883	Beaver Harbour, N.B.	37	4	13	2	5	2	18	Thos. Bright, Pennfield, N.B.
126564	Maggie Julia	Sydney, N.S.	Schr—Glt	1909	Cape North, N.S.	35	4	12	2	5	9	13	James Fitzgerald, Cape North, N.S.

[1] Formerly "Laval." [2] Foreign name "No. 6." [3] Foreign name "Denver." [4] Foreign name "Madonna."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
96902	Maggie L	Kingston	Schr—Glt	1889	Picton, Ont	67 0	17 4	5 2	42	James Richardson & Sons, Ltd., Kingston, Ont., and Lewis Orr, Simcoe Island, Ont.
116231	Maggie M	Digby	Sloop	1901	Margaretsville, N.S	32 5	12 0	5 2	11	R. A. McGrannahan, Margaretsville, N.S.
107995	Maggie M. F	Canso	Schr—Glt	1900	Queensport, N.S	41 0	12 4	6 9	15	James Fitzgerald, Queensport, N.S.
97100	Maggie M. W	Lunenburg	Schr—Glt	1891	Lunenburg, N.S	77 5	23 5	8 8	89	Geo. M. Barr, St. John's, Nfld.
96805	Maggie May	Halifax	Schr—Glt	1891	Chezzetcook, N.S	62 6	21 0	9 0	62	John E. Beaver, Pleasant Harbour, N.S.
116733	Maggie May	Halifax	Schr—Glt	1904	Mahone Bay, N.S	39 8	14 3	6 5	17	P. F. Horne, Eastern Passage, N.S.
116655	Maggie P	Yarmouth	Schr—Glt	1902	Meteghan, N.S	31 0	11 6	4 0	8	Stillman Crowell, Clarke's Harbour, N.S.
77754	Maggie Page	Shelburne	Bgtn—Bkglt	1879	Port Le Bert, N.S	86 0	24 0	9 4	110	John Peters, Halifax, N.S.
72253	Maggie S	St. John, N.B	Schr—Glt	1876	St. Martin's, N.B	79 0	26 0	7 5	83	Caleb Reed, Rockport, N.B.
130333	Maggie Swift	Chatham, N.B	Schr—Glt	1907	Point Sapin, N.B	32 0	10 0	5 0	11	Donald H. McDonald and Ernest S. McDonald, Point au Carr, N.B.
116915	Maggie and Esther	Pictou, N.S	Schr—Glt	1905	Port Mouton, N.S	42 0	12 4	5 0	11	McGregor Fraser, Pictou, N.S.
134326	Magloire	Chatham, N.B	Schr—Glt	1914	Caraquet, N.B	29 0	10 8	4 8	10	Jean Leger, Caraquet, N.B.
85401	Magno	Magdalen Islands	Schr—Glt	1902	Pointe Basse, Que	55 7	17 4	6 8	32	Ernest Poirier, Descousse, N.S.
116922	Magog	Victoria	Barge—Chd	1904	Victoria, B.C	95 0	30 3	6 8	132	The Pacific Towing & Lighterage Co., Ltd., Victoria, B.C.
138801	Maid of Brazil	Weymouth	Schr—Glt	1918	Grosses Coques, N.S	141 0	32 6	12 8	387	Frank K. Warren, Halifax, N.S.
97055	Maid of the Mist	Liverpool	Schr—Glt	1893	Liverpool, N.S	69 0	19 6	7 7	58	John Millard, Liverpool, N.S.
126608	Mainland	Chatham, N.B	Barge—Ghd	1909	Chatham, N.B	104 0	26 0	6 6	101	J. B. Snowball Co., Ltd., Chatham, N.B.
74339	Maitland	Parrsboro'	Schr—Glt	1877	Green Cove, N.S	62 0	19 0	7 2	45	John M. McDougall, St. George, N.B.
116518	Maize	Montreal	Schr—Glt	1856		136 8	25 4	11 1	294	The Atlas Sand Co., Ltd., Montreal, Que.
100955	Majestic	Chatham, N.B	Schr—Glt	1892	Caraquet, N.B	36 0	12 9	4 5	10	The W. S. Loggie Co., Ltd., Chatham, N.B.
111558	Majestic	St. Andrews	Sloop	1902	Grand Manan, N.B	28 6	12 4	5 0	12	Wm. Flewelling, Grand Manan, N.B.
94775	Malabar	Charlottetown	Schr—Glt	1888 1905	Lunenburg, N.S. St. John, N.B	77 8	23 5	8 9	93	Sampson Grady, Summerside, P.E.I.
134333	Malbaie	Chatham, N.B	Schr—Glt	1914	Miscou Centre, N.B	33 0	10 8	5 0	11	Pierre D. Lanteigne, Miscou Centre, N.B.
103714	[1]Malcolm Cann	Yarmouth	Schr—Glt	1898	Lockeport, N.S	112 0	20 1	10 8	137	Hugh Cann & Son, Ltd., Yarmouth, N.S.
130381	Malden	Amherstburg	Scow—Chd	1886	Chatham, Ont	77 6	20 0	5 0	65	John S. McQueen, Amherstburg, Ont.
134325	Mallet	Chatham, N.B	Schr—Glt	1903	Shippigan, N.B	32 8	11 0	4 5	10	Joseph Robichaud, Shippigan, N.B.
103558	Malvina	Montreal	Barge—Chd	1896	Yamaska, Que	109 2	23 4	22 5	107	Montreal Sand & Gravel Co., Ltd., Montreal, Que.
96867	Mamie	Montreal	Barge—Chd	1897	Montreal, Que	129 4	28 0	11 2	370	Montreal Transportation Co., Ltd., Montreal, Que.
96887	Manicougan	Ottawa	Barge—Chd			92 6	21 8	12 0	143	The Minister of Marine and Fisheries, Ottawa, Ont.
83286	Manitoba	Kingston	Barge—Chd	1882	Bedford Mills, Ont	103 0	17 2	5 6	75	Benjamin Tett, Bedford Mills, Ont.
137967	[2]Manley & Co., No. 1	Montreal	Dredge—Drague		Buffalo, N.Y., U.S.A	75 4	26 3	5 0	148	Michael McAuliff, *et al.*, J. O., Welland, Ont.
126144	Manseau	Sorel	Sloop	1908	Sorel, Que	82 2	21 1	5 7	67	Geo. Dansereau, Grenville, Que.
116829	Maple Leaf	Barrington Passage	Sloop	1902	Cape Island, N.S	30 5	11 9	6 2	11	C. E. Nickerson, Villagedale, N.S.

112158	Maple Leaf	Chatham, N.B	Schr—Glt	1903	Shippigan, N.B	38 0	13 0	5 5	13	Wm. Fruing & Co., Ltd., Jersey, C.I.
103511	Maple Leaf	Chatham, N.B	Schr—Glt	1903	Barachois, Que	37 3	12 4	5 2	13	Sylvain Plourde, Fair Isle, Neguac, N.B.
116237	Maple Leaf	Digby	Sloop	1905	Westport, N.S	33 6	11 3	5 6	10	LewisConnors, Black's Harbour, N.S.
107567	Maple Leaf	Parrsboro'	Schr—Glt	1900	Spencers' Island, N.S	91 8	25 1	7 8	98	Alfred Pertus, Descousse, N.S.
94800	Maple Leaf	Charlottetown	Schr—Glt	1902	Welford, N.B	48 0	15 0	5 0	21	Louis H. Herring, Murray River, P.E.I
92436	Maple Leaf	Toronto	Schr—Glt	1886	Bronte, Ont	70 0	18 5	5 4	59	Richard Goldring, M.O., Toronto, Ont.
92709	[1]Maple Leaf	Winnipeg	Barge—Chd	1890	Fort Frances, Ont	62 0	14 6	5 5	34	Walter Ross, Kenora, Ont.
134369	Marcedes L	Sorel	Dredge--Drague	1913	Sorel, Que	109 5	23 3	7 9	163	Nazaire Laroche, Sorel, Que.
117056	Margaret	Canso	Schr—Glt	1903	Queensport, N.S	41 6	13 6	7 6	16	Robert T. Matthews, M.O., Queensport, N.S.
116978	Margaret	Chatham, N.B	Schr—Glt	1905	Shippigan, N.B	40 0	13 1	5 4	16	The W. S. Loggie Co., Ltd., Chatham, N.B.
111811	Margaret	Dawson	Scow—Chd	1901	Vancouver, B.C	129 6	36 7	6 1	556	The Northern Light Power & Coal Co., Ltd., Dawson, Y.T
103117	Margaret	St. Andrews	Schr—Glt	1866	Gloucester, Mass., U.S.A	59 0	18 2	7 0	49	J. L. Clark, St. George, N.B.
121888	Margaret	Yarmouth	Sloop	1905	Cape Island, N.S	31 0	11 0	6 0	10	Bryant Newell, Cape Island, N.S.
112163	Margaret Ann	Chatham, N.B	Schr—Glt	1903	Lamek, N.B	37 0	13 3	5 3	13	John Jones, Little Lamek, N.B.
130259	Margaret F. Dick	Windsor, N.S	Schr—Glt	1918	Hantsport, N.S	199 0	39 1	18 5	1,032	British Colonies Transportation Co., Ltd., Toronto, Ont.
75640	Margaret Jane Lee-son	St. Catharines	Scow—Chd	1879	Merritton, Ont	113 8	24 9	7 1	148	Joseph Battle, Thorold, Ont.
126291	Margaret Katheleen	Canso	Schr—Glt	1907	White Haven, N.S	40 3	13 0	6 0	16	Patrick J. Conway, White Haven, N.S.
111909	Margaret May	Arichat	Schr—Glt	1899	Canso, N.S	36 4	10 1	5 1	12	J. Kavanagh, Canso, N.S.
107296	Margaret May Riley	St. John, N.B	Schr—Glt	1900	Granville, N.S	123 5	30 5	11 2	241	Frank Buckworth & Co., Ltd., Cork, Ireland.
138594	Margery Austin	St. John, N.B	Schr—Glt	1918	Harvey Bank, N.B	86 2	27 8	8 1	112	C. W. Robinson, M.O., Moncton, N.B.
138826	Margery Mahaffy	Lunenburg	Schr—Glt	1918	Mahone Bay, N.S	116 2	27 0	11 0	143	H. W. Adams and Alex. Knickle, Lunenburg, N.S.
111894	Marguerite	Charlottetown	Schr—Glt	1904	Grosses Coques, N.S	97 0	24 8	8 0	98	Henry J. Jones, Bridgetown, Barbadoes, B. W. I.
107479	Marguerite	Digby	Schr—Glt	1900	Digby, N.S	40 0	15 3	6 5	24	F. A. MacDonald, Scott's Bay, N.S., and Harry Peters, Westport, N.S.
103712	Marguerite	Yarmouth	Sloop	1897	Pubnico, N.S	35 0	11 9	5 4	10	F. Brannen, Wood's Harbour, N.S.
130672	Marguerite H	Lunenburg	Schr—Glt	1911	Mahone Bay, N.S	74 6	23 0	9 2	75	David Heisler, M.O., Lunenburg, N.S.
138641	Marguerite Zinck	La Have	Schr—Glt	1918	West La Have, N.S	108 6	26 2	10 5	99	John Zinck, M.O., La Have, N.S.
88463	Maria	Arichat	Schr—Glt	1892	Petite de Grat, N.S	37 9	14 0	5 7	14	H. McDonald, Glace Bay, N.S.
103622	Maria	Quebec	Sloop	1896	Isle aux Grues, Que	33 4	13 0	4 2	11	G. Normand, Isle aux Grues, Que.
103990	Maria	Quebec	Schr—Glt	1897	Isle aux Coudres, Que	56 0	17 6	6 5	40	J. Boudreault, Moisie River, Que.
112033	Maria	Quebec	Schr—Glt	1902	Manicouagan, Que	44 4	16 4	5 4	23	Louis Pagé, Manicouagan, Que.
116702	Maria	Quebec	Sloop	1903	St. Jean Deschaillons, Que	56 3	17 9	4 8	27	Joseph Gauvin, Deschaillons, Que.
103532	Maria A	Charlottetown	Schr—Glt	1895	Smith's Cove, N.S	42 2	13 3	5 9	22	Bradford W. Lepage, Rusticoville, P.E.I.
55863	Maria Adelmina	Quebec	Schr—Glt	1866	Bic, Que	37 6	14 0	5 0	13	Louis Bouchard, M.O., Isle aux Coudres, Que.
55893	Maria Annette	Port Hope	Schr—Glt	1867	Quebec, Que	125 0	25 3	9 5	196	R. Henning, Port Hope, Ont.
92339	Maria Decora	Quebec	Schr—Glt	1887	St. Jean de Chicoutimi, Que.	54 8	17 2	7 0	37	C. Savard, St. Fulgence, Que.
85742	Maria Stella	Quebec	Sloop	1883	St. Jean, Isle d'Orléans, Que.	40 2	15 2	5 4	19	J. Tremblay, Tadoussac, Que.
111615	Maria Stella	Quebec	Schr—Glt	1901	St. Fulgence, Que	68 8	21 5	7 0	61	Theodore Gagne, Ste. Anne de Monts, Que.
116854	Mariana	Shelburne	Schr—Glt	1905	Sable River, N.S	62 4	18 5	6 7	33	John H. Thorbourn, *et al.*, Sand Point, N.S.
107779	Marie	Chatham, N.B	Schr—Glt	1900	Shippigan, N.B	40 4	13 2	5 6	15	Gaspard Savoy, Shippigan, N.B.
72100	Marie	Chatham, N.B	Schr—Glt	1876	Shippigan, N.B	33 0	11 2	4 6	11	O. Chiasson, Shippigan, N.B.
92403	Marie	Chatham, N.B	Schr—Glt	1885	Grande Anse, N.B	50 1	16 2	5 4	25	Joseph U. Landry, Grande Anse, N.B.
96771	Marie	Port Hawkesbury	Schr—Glt	1892	Cheticamp, N.S	33 3	10 6	5 0	10	Robin, Jones & Whitman, Ltd., Halifax, N.S.
100853	Marie	Quebec	Sloop	1892	Tadoussac, Que	62 0	19 9	5 6	42	P. Guérin, Mille Vaches, Que.
111630	Marie	Quebec	Sloop	1901	Bay St. Paul, Que	51 6	19 8	4 8	25	Edward Lavoie, Bay St. Paul, Que..
75877	Marie Alice	Pictou, N.S	Schr—Glt	1879	Shediac, N.B	36 7	13 5	4 6	13	P. Poirrier, Shediac, N.B.
103983	Marie Alice	Quebec	Schr—Glt	1897	Ste. Croix, Que	70 0	21 4	5 9	53	Louis Delisle, Ste. Croix, Que.
116229	Marie Almanda	Quebec	Schr—Glt	1903	Ile aux Coudres, Que	64 2	18 0	6 9	44	Jean V. Gagné, M.O., Cap Chat, Que.
107236	Marie Alphonsine	Quebec	Schr—Glt	1897	St. Michel, Que	32 8	10 5	4 4	10	P. Vézina, St. Michel de Bellechasse, Que.
112034	Marie Ange	Quebec	Schr—Glt	1902	Ste. Croix, Que	76 2	23 0	7 2	75	Joseph Simard, St. André de Kamouraska, Que
111621	Marie Anna	Quebec	Schr—Glt	1901	Isle aux Coudres, Que	49 6	16 7	8 5	27	Chas. Bouchard, Malbaie, Que.
111624	Marie Anna	Quebec	Schr—Glt	1901	Natashquan, Que	51 0	16 4	6 4	31	Arthur Boucher, St. Luce, Que.
103135	Marie Anna	Quebec	Schr—Glt	1886	La Romaine, Que	33 6	11 6	4 8	11	H. Bilodeau, St. Thomas de Montmagny, Que.
69380	Marie Anne	Quebec	Schr—Glt	1875	Esquimaux Point, Que	54 2	17 0	6 8	36	A. Letellier, Quebec, Que.
107227	Marie Anne	Quebec	Schr—Glt	1897	Chateau Richer, Que	80 0	21 0	7 0	75	W. Patry, Chateau Richer, Que.

[1]Formerly a steamer. [2]Foreign name "Dredge No. 4."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

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Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
107239	Marie Anne	Quebec	Schr—Glt	1894	Caribou Islands, Que	32 4	11 7	4 8	12	I. T. Comeau, Caribou Islands, Que.
103627	Marie Anne	Quebec	Schr—Glt	1895	Les Ecureuils, Que	43 6	13 2	3 8	14	Isidore Godin, Les Ecureuils, Que.
80766	Marie Anne	Quebec	Schr—Glt	1881	St. Irenée, Que	38 5	14 0	5 1	17	Thos. Minville, St. Thomas de Montmagny, Que.
92340	Marie Anne	Quebec	Schr—Glt	1887	Cap Chat, Que	58 8	19 8	8 6	61	Ludger and Moise Vallée, J.O., Ste. Anne des Monts, Que.
97130	Marie Anne	Quebec	Schr—Glt	1891	Ste. Croix, Que	90 0	22 1	7 9	108	X. Boisvert, Ste. Croix, Que.
103365	Marie Anne	Quebec	Schr..Glt	1894	Murray Bay, Que	64 4	19 0	7 1	59	F. Tremblay, St. Siméon, Que.
121603	Marie Anne	Quebec	Schr—Glt	1905	St. Simeon, Que	68 4	19 7	7 5	59	Samuel Coté, Cap Chat, Que.
111616	Marie Antoinette	Quebec	Schr—Glt	1901	St. Fulgence, Que	61 2	20 8	6 4	46	Simeon Thibeault, Sandy Bay, Que.
66053	Marie Arthénuise	Quebec	Schr—Glt	1870	Rivière du Loup, Que	46 6	12 8	5 6	22	Onésime Bélanger, Kamouraska, Que.
134593	Marie Beatrice	Paspebiac	Schr—Glt	1916	Carleton, Que	32 6	13 2	5 0	11	Theodore Boudreau, Carleton Centre, Que.
92764	Marie Bertha	Quebec	Schr—Glt	1887	Cacouna, Que	44 0	14 8	6 0	22	Firmin Paradis, Cacouna, Que.
116218	Marie Blanche	Quebec	Schr—Glt	1903	Les Eboulements, Que	47 6	16 9	5 2	21	Albert Fournier, St. Roch des Aulnaies, Que.
88320	Marie Blanche	Quebec	Schr—Glt	1885	St. Siméon, Que	54 0	17 2	6 8	40	A. Roy dit Desjardins, St. Germain, Que.
103278	Marie Célia	Chatham, N.B	Schr—Glt	1891	Bathurst, N.B	37 0	12 5	5 2	13	The C. Robin Collas Co., Ltd., Halifax, N.S.
138056	Marie Chiasson	Chatham, N.B	Schr—Glt	1916	Caraquet, N.B	44 0	15 0	6 3	21	Augustin Chiasson, Caraquet, N.B.
103136	Marie Claude	Quebec	Schr—Glt	1894	Sandy Bay, Que	43 4	14 7	5 4	21	Melasse Simard, La Petite Rivière, St. Francois, Que.
103369	Marie Clodia	Quebec	Schr—Glt	1894	Les Escoumains, Que	64 2	20 2	6 5	52	C. Bélanger, Les Ecoumains, Que.
133919	Marie Delphine	Chatham, N.B	Schr—Glt	1913	Lamek, N.B	39 0	13 2	5 3	16	Joseph H. Savoie, Lamek, N.B.
103835	Marie Elise	Quebec	Schr—Glt	1896	Isle aux Coudres, Que	46 2	15 0	5 6	19	N. Harvey, Isle aux Coudres, Que.
100366	Marie Elizabeth	Quebec	Schr—Glt	1891	St. Fidèle, Que	46 8	16 2	5 6	23	Alfred Frenette, St. Luce, Que.
88315	Marie Emélie	Quebec	Schr—Glt	1884	Baie St. Paul, Que	60 0	21 7	8 0	56	B. Boudreault, Anse St. Jean, Que.
107223	Marie Emma	Quebec	Schr—Glt	1897	Bic, Que	64 0	20 2	7 0	56	P. Pineault, Rimouski, Que.
116716	Marie Emma	Quebec	Schr—Glt	1905	St. Alexis, Que	68 0	22 3	6 1	54	Hylas Boudreault, Anse St. Jean, P.Q.
117182	Marie Etoile	Chatham, N.B	Schr—Glt	1905	Caraquet, N.B	42 0	13 7	5 8	20	J. A. Doiron, Caraquet, N.B.
138287	Marie Georgina	Chatham, N.B	Schr—Glt	1917	Caraquet, N.B	45 0	14 0	6 0	22	Joseph E. Albert, Caraquet, N.B.
66079	Marie Jeanne	Quebec	Schr..Glt	1873 1895	Grondines, Que Quebec, Que	92 0	23 5	8 4	128	J. Tremblay, Murray Bay, Que.
103985	Marie Jeanne	Quebec	Schr—Glt	1897	Les Eboulements, Que	49 4	15 7	6 0	23	Gaudias Coulombe, St. Thomas de Montmagny, Que.
100292	Marie Joseph	Chatham, N.B	Schr—Glt	1891	Shippigan, N.B	36 4	12 3	4 6	12	Andre D. Chiasson, Lamek, N.B
96777	Marie Joseph	Port Hawkesbury	Schr—Glt	1894	Chéticamp, N.S	32 2	11 1	5 4	11	Robin, Jones & Whitman, Ltd., Halifax, N.S.
100452	Marie Joseph	Quebec	Schr—Glt	1892	St. Fulgence, Que	60 6	20 6	6 0	47	Symphorien Bernier, Montmagny, Que.
107495	Marie Joseph	Quebec	Schr—Glt	1898	Natashquan, Que	45 0	13 8	6 0	22	Evariste Tremblay, Isle aux Coudres, Que.
116718	Marie Joseph	Quebec	Sloop	1905	La Petite Rivière, St. Francois Xavier, Que.	63 0	19 6	5 6	41	Joseph Gauthier, St. Irénée, Que.
85757	Marie Josephine	Quebec	Schr—Glt	1876	St. Michel, Que	31 0	13 5	4 6	11	Narcisse Lévesque, Isle Verte, Que.

133994	Marie Justine	Chatham, N.B.	Schr—Glt	1913	Caraquet, N.B.	44	0	14	7	6	5	24	Joseph A. Dorion, Caraquet, N.B.
107505	Marie L'Espérance	Quebec	Schr—Glt	1898	Isle aux Coudres, Que.	38	4	12	9	4	8	15	Louis Harvey, Isle aux Coudres, Que.
83346	Marie Laure	Quebec	Schr—Glt	1881	Les Eboulements, Que.	49	7	16	8	6	8	33	Amarable Létourneau, St. Thomas, Que.
134000	Marie LeBouthillier	Chatham, N.B.	Schr—Glt	1914	Caraquet, N.B.	43	0	15	0	6	2	19	Edward O. Le Bouthillier, Caraquet, N.B.
100295	Marie Louisa	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	38	0	13	3	6	4	18	Joseph A. Paulin, Caraquet, N.B.
116471	Marie Louise	Chatham, N.B.	Schr—Glt	1903	Caraquet, N.B.	33	0	11	7	5	0	10	Gustave Chiasson, Caraquet, N.B.
75449	Marie Louise	Gaspé	Schr—Glt	1886	Anticosti, Que.	40	0	11	1	4	3	11	Chas. G. Le Bas, Percé, Que.
69584	Marie Louise	Quebec	Schr—Glt	1873	Natashquan, Que.	45	6	15	5	6	3	23	Mrs. Z. Castonguay, Macnider, Que.
100365	Marie Louise	Quebec	Schr—Glt	1889	Isle aux Grues, Que.	35	0	12	8	4	8	13	F. Germain, sr., Quebec, Que.
100457	Marie Louise	Quebec	Schr—Glt	1892	Grandes Bergeronnes, Que.	52	4	18	6	6	4	38	Alfred Tremblay, Grandes Bergeronnes, Que.
103611	Marie Louise	Quebec	Schr—Glt	1895	Isle aux Coudres, Que.	44	0	14	8	5	7	21	T. Tremblay, Isle aux Coudres, Que.
107222	Marie Louise	Quebec	Schr—Glt	1897	Bic, Que.	50	6	18	6	6	4	39	Charles Couillard, Sandy Bay, Que.
116720	Marie Louise	Quebec	Schr—Glt	1905	St. Fidele, Que.	49	6	15	9	6	2	29	L. A. Cote, St. Luce, Que.
107224	Marie Louise Elida	Quebec	Schr—Glt	1897	Isle aux Coudres, Que.	53	2	17	0	6	1	31	Horace Chouinard, M.O., Grand Métis, Que.
103139	Marie Louisiana	Quebec	Schr—Glt	1894	Murray Bay, Que.	64	4	19	2	8	1	61	Elphege Bessette, Sweetsburg, Que.
80734	Marie Louisina	Quebec	Schr—Glt	1880	Isle aux Coudres, Que.	49	9	15	5	6	2	29	Désiré Morin, L'Islet, Que.
141002	Marie Lydia	Quebec	Schr—Glt	1918	Grandes Bergeronnes, Que.	87	0	26	2	8	3	157	Joseph Dumont, fils, Levis, Que.
103628	Marine Nelida	Quebec	Schr—Glt	1896	Tadousac, Que.	39	0	12	6	5	6	19	I. Bouliane, Petites Bergeronnes, Que.
100464	Marie Oliva	Quebec	Schr—Glt	1893	Isle aux Coudres, Que.	32	4	12	4	4	8	12	Alex. Blais, Berthier, Que.
111497	Marie Posa	Quebec	Sloop	1900	La Petite Rivière, St.-Francois Xavier, Que.	58	6	18	2	5	4	35	Thomas Tremblay, Les Eboulements, Que.
137921	Marie Raquette	Chatham, N.B.	Schr—Glt	1915	Mizonette, N.B.	37	0	12	5	4	5	12	Xavier Mainvielle, Caraquet, N.B.
111626	Marie Roseanna	Quebec	Schr—Glt	1901	Baie St. Paul, Que.	48	0	15	1	6	0	26	Léon Elie, Baie St. Paul, Que
125999	Marie St. Laurent	Quebec	Schr—Glt	1908	Isle aux Coudres, Que.	52	3	15	8	5	9	31	Joseph and Marcial Harvey, Isle aux Coudres, Que.
117150	Marie Stella	Halifax	Schr—Glt	1906	Grand Desert, N.S.	59	4	16	5	6	5	36	George Ball, Codray, Nfld.
97139	Marie Vigilante	Quebec	Schr—Glt	1888	Goose Island, Que.	71	2	19	2	5	0	39	J. B. Bernier, Bird Island, Que.
103986	Marie Vigilante	Quebec	Schr—Glt	1897	Baie St. Paul, Que.	56	0	18	5	7	0	41	Jean B. Desrosiers, M.O., Riviere Blanche, Que.
100354	Marie Zoé	Quebec	Schr—Glt	1886	Isle aux Coudres, Que.	32	0	11	8	4	4	10	P. Perron, St. Thomas, Montmagny, Que.
121862	Marina	Paspebiac	Schr—Glt	1906	Lunenburg, N.S.	77	6	22	5	8	8	78	Robin, Jones & Whitman Ltd., Halifax, N.S.
130816	Marion Adams	Lunenburg	Schr—Glt	1912	Lunenburg, N.S.	106	8	26	3	10	4	99	Henry Adams, M.O., Lunenburg, N.S.
138839	Marion Elizabeth	Lunenburg	Schr—Glt	1918	Lunenburg, N.S.	112	9	26	3	10	4	100	John Westhaver, M.O., Lunenburg, N.S.
100696	Marion Emerson	Magdalen Islands	Schr—Glt	1895	Murray Harbour, P.E.I.	51	5	16	0	6	5	30	William C. Leslie, Grindstone Island, M.I., Que.
138586	Marion G.	St. John, N.B.	Sloop	1891	Deer Island, N.B.	43	3	13	5	6	5	14	George Glaspy, St. John, N.B.
133899	Marion G. Douglas	La Have	Schr—Glt	1917	Fox River, N.S.	166	4	36	0	12	3	449	W. Norman Reinhardt, *et al.*, La Have, N.S.
	Marion L. Breck	Kingston	Schr—Glt	1863	Garden Island, Ont.	127	1	23	5	11	9	298	John McGibbon, Sarnia, Ont.
138560	Marion L. Mason	Lunenburg	Schr—Glt	1918	Chester Basin, N.S.	110	4	26	2	10	4	99	Wm. Duff, M.O., Lunenburg, N.S.
126820	Marion Mosher	Lunenburg	Schr—Glt	1910	Lunenburg, N.S.	105	0	25	8	10	5	93	Maynard Colp, *et al.*, Lunenburg, N.S.
126916	Marion R.	Halifax	Schr—Glt	1910	Popes Harbour, N.S.	51	5	13	6	6	2	22	Edward and Andrew Parker, J.O., Owl's Head, N.S
134396	Marjorie E. Bachman	Lunenburg	Schr—Glt	1914	Shelburne N. S.	109	0	26	4	10	8	99	Joshua E. Backman, M. O., River Port, N.S.
133667	Marjory N.	Halifax	Schr—Glt	1913	Pennant, N.S.	43	0	10	6	5	4	11	Harry W. Nickerson, Pennant, N.S.
138260	Mark H. Gray	Lunenburg	Schr—Glt	1916	Mahone Bay, N.S.	106	4	25	5	10	0	98	Ephraim Inkpen, Burin, Nfld.
130595	Marona	Halifax	Schr—Glt	1912	Tancook, N.S.	49	2	13	0	6	9	25	Edward Parker, *et al.*, Owl's Head, N.S.
100455	Marteau	Quebec	Schr—Glt	1888 1905	Les Escoumains, Que. St. Fidele, Que.	73	2	23	7	6	6	61	Armand and Paul Dufour, J.O., St. Fidele, Que.
92313	Martha	Liverpool	Schr—Glt	1886	Brooklyn, N.Y., U.S.A.	33	2	12	7	5	0	11	John Arseneau, Margaree, N.S.
107769	Martha B.	Charlottetown	Schr—Glt	1902	Montague, P.E.I.	37	3	14	6	6	6	19	James Fraser, New Harris, N.S.
141072	Martha Parsons	Windsor, N.S.	Schr—Glt	1918	Cheverie, N.S.	158	9	38	5	13	0	455	George M. Parsons *et al.*, Cheverie, N.S.
38522	Mary	Arichat	Schr—Glt	1874	French Village, N.S.	49	5	16	3	6	4	23	James Mullins, Glace Bay, N.S.
85692	Mary	Chatham, N.B.	Schr—Glt	1880	Caraquet, N.B.	34	0	12	8	4	7	11	J. Gionet, Caraquet, N.B.
111847	Mary	Chatham, N.B.	Schr—Glt	1902	Caraquet, N.B.	38	7	13	2	5	4	14	D. Albert, Caraquet, N.B.
103314	Mary	Port Hawkesbury	Schr—Glt	1893	Chetiamp, N.S.	34	0	10	6	5	0	10	John Boudrot, Eastern Harbour, N.S.
66066	Mary	Quebec	Schr—Glt	1873	Murray Bay, Que.	59	5	18	0	8	0	54	Emile Potvin, St. Alexis, Que.
112371	Mary A.	Arichat	Schr—Glt	1900	Canso, N.S.	34	0	10	0	5	9	11	Joseph Peitzsch, White Head, N.S.
74142	Mary A.	Sydney, N.S.	Schr—Glt	1876	Broad Cove, N.S.	60	0	19	0	7	6	45	Hubert Theriault, North Sydney, N.S.
112387	Mary A. Dunphy	Sydney, N.S.	Schr—Glt	1903	Ingonish, N.S.	45	5	14	1	5	5	18	Henry Gibbs, M. O., Halifax, N.S.
94671	Mary A. W.	Halifax	Schr—Glt	1889	St. Margaret's Bay, N.S.	36	5	11	9	6	0	1	Mary Ann Blakney, St. Margaret's Bay, N.S.

[1] Formerly "Beona."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

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103459	Mary Alice	Arichat	Schr—Glt	1898	West Arichat, N.S.	60 8	17 9	7 6	47	Abraham Terrio, West Arichat, N.S
116345	Mary Alice	Arichat	Schr—Glt	1903	L'Ardoise, N.S.	36 4	10 0	4 9	10	Patrick E. Sampson, L'Ardoise, N.S.
85388	Mary Alice	Halifax	Schr—Glt	1883	La Have, N.S.	41 0	16 4	6 5	21	Wm. Malcolm, Port Malcolm, N.S.
.....	Mary Ann	Dunville	Barge—Chd	1867	Stromness, Ont.	78 0	15 0	8 0	57	Pigeon River Lumber Co., Port Arthur, Ont.
71162	Mary Ann Lydon	Kingston	Schr—Glt	1874	Port Burwell, Ont.	112 0	23 0	10 5	180	John F. Sowards, Kingston, Ont.
111479	Mary Atalanta	Arichat	Schr—Glt	1901	River Bourgeois, N.S.	37 6	13 4	5 6	15	John N. Burke, River Bourgeois, N.S.
116476	Mary Beatrice	Chatham, N.B.	Schr—Glt	1903	Tracadie, N.B.	34 0	12 0	4 3	10	Thomas Savoy, Buctouche, N.B.
92385	Mary Bedford	Kingston	Barge—Chd	1888	Bedford Mills, Ont.	101 0	17 5	4 6	61	Benjamin Tett, Bedford Mills, Ont.
122181	Mary Bell	Charlottetown	Schr—Glt	1906	Martinique, N.S.	49 0	16 8	7 0	38	Augustus Aylwood, Charlottetown, P.E.I.
100238	Mary Bell	Halifax	Schr—Glt	1893	Harrigan Cove, N.S.	32 8	11 9	5 7	10	J. A. McDonald, Harrigan Cove, N.S.
140955	Mary Bonka	Montreal	Barge—Chd	1918	Yamaska, Que.	108 4	23 2	7 7	142	Moise Robidoux, Yamaska, Que.
138000	Mary C. L.	Arichat	Schr—Glt	1918	River Bourgeois, N.S.	30 6	9 0	5 4	11	Abram Burke, River Bourgeois, N.S.
88114	Mary Culmer	Halifax	Schr—Glt	1884	Harbour Island, Bahamas' B.W.I.	110 4	27 6	10 4	207	G. C. Hart, Halifax, N.S.
100380	Mary D	Sydney, N.S.	Schr—Glt	1893	Little Bras d'Or, N.S.	46 8	16 7	6 2	27	Simeon Deveaux, Bras d'Or, N.S.
88464	Mary E.	Arichat	Schr—Glt	1882	Sandy Cove, N.S.	33 1	11 2	5 2	10	C. W. Rankin, Grindstone, Magdalen Islands, Que.
85664	Mary E.	Halifax	Schr—Glt	1881	Mahone Bay, N.S.	41 6	12 6	5 6	14	Ira S. Baker, West Dover, N.S.
107355	Mary E.	Sydney, N.S.	Schr—Glt	1894	Ingonish, N.S.	33 2	12 4	5 2	10	Allan McIntyre, Ingonish, N.S.
130365	Mary E. Burton	Sydney, N.S.	Schr—Glt	1910	Aspy Bay, N.S.	56 7	18 0	6 4	47	Angus Burton, Aspy Bay, N. S.
117144	Mary E. Faulkner	Halifax	Schr—Glt	1905	Jeddore, N.S.	42 3	12 0	6 0	14	Angus Nicholson, North Sydney, N.S.
138001	Mary E. McLachlan	Port Arthur	Schr—Glt	1893	West Bay City, Mich., U.S.A.	261 0	41 0	21 6	1,739	Thomas Falls, Port Arthur, Ont.
130655	Mary E. Rive	Chatham, N.B.	Schr—Glt	1911	Caraquet, N.B.	41 5	14 2	6 4	21	Theodore Lanteigue, Caraquet, N.B.
126068	Mary E. Spears	Charlottetown	Schr—Glt	1905 1910	Whitehead, N.S. French River, P.E.I.	35 7	12 1	5 4	10	David Spears and Watson Jost, French River, P.E.I.
126300	Mary Edna	Canso	Schr—Glt	1914	Charlos Cove, N.S.	35 0	11 7	6 0	15	Dennis Richard, *et al.*, Charlos Cove, N.S.
122182	Mary Elizabeth	Arichat	Schr—Glt	1907	River Bourgeois, N.S.	34 4	12 0	4 8	11	Thomas L. Burke, River Bourgeois, N.S.
107056	Mary Ellen	Barrington Passage	Schr—Glt	1855	U.S.A.	65 5	19 5	7 4	56	M. W. Cook, Isaac's Harbour, N.S.
85693	Mary Ellen	Chatham, N.B.	Schr—Glt	1882	Belledune, N.B.	36 1	13 0	4 5	12	Geo. Gordon, Dalhousie, N.B
77970	Mary Emeline	St. Andrews	Schr—Glt	1880	Beaver Harbour, N.B.	36 0	13 2	5 6	18	Jas. Murphy, Grand Manan, N.B.
103084	Mary Emma	Chatham, N.B.	Schr—G t	1894	Caraquet, N.B.	36 0	12 7	4 8	11	Wm. Fruing & Co., Ltd., Jersey, C. I.
117099	Mary J.	Arichat	Schr—Glt	1906	River Bourgeois, N.S.	54 8	17 1	6 7	33	Daniel Ferguson and Allan McAskill, J.O., Fourchu, N.S.
121803	Mary J.	Yarmouth	Sloop	1904	Cape Island, N.S.	31 0	10 6	6 0	10	M. Atwood, Cape Island, N.S.
130995	Mary J. Margaret	Chatham, N.B.	Schr—Glt	1913	Caraquet, N.B.	44 0	14 7	6 5	25	Robin, Jones & Whitman, Ltd., Halifax, N.S.

92413	Mary Jane	Chatham, N.B.	Schr—Glt	1888	Tracadie, N.B.	37 5	13 0	5 4	14	P. C. Dorion, Caraquet, N.B.
80917	Mary Jane	Halifax	Schr—Glt	1880	Cape Wolfe, P.E.I.	69 0	19 0	7 3	55	Thos. Dunlap, Amherst, N.S.
80819	Mary Jane	Windsor, N.S.	Schr—Glt	1881	Cornwallis, N.S.	32 0	11 0	5 3	9	Wm. C. Bill, Cornwallis, N.S.
74352	Mary Joseph	Pictou, N.S.	Schr—Glt	1877	Merigomish, N.S.	56 1	18 1	7 4	43	Uriah Matthew, Souris, P.E.I.
96769	Mary Lambert	Port Hawkesbury	Schr—Glt	1893 1899	Cheticamp, N.S.	38 0	12 4	5 4	11	C. Chiasson, Cheticamp, N.S.
92420	Mary Louise	Chatham, N.B.	Schr—Glt	1889	Pokemouche, N.B.	35 4	13 2	5 2	13	James D. Irving, Buctouche, N.B.
100781	Mary Louise	Chatham, N.B.	Schr—Glt	1889	Caraquet, N.B.	36 7	12 3	4 5	11	W. S. Loggie Co., Ltd., Chatham, N.B.
134157	Mary Lyon	Montreal	Barge—Chd	1874	Port Huron, Mich., U.S.A.	142 0	26 3	11 9	310	Alexandre Desrosiers, Lanoraie, Que.
116881	Mary M	Arichat	Schr—Glt	1901	L'Ardoise, N.S.	44 5	15 0	6 0	21	David Martell, M. O., L'Ardoise, N.S.
117053	Mary M. Bell	Canso	Schr—Glt	1906	Port Felix, N.S.	30 0	12 0	5 6	10	John Belfountaine, Port Felix, N.S.
130994	Mary M. Florence	Chatham, N.B.	Schr—Glt	1913	Caraquet, N.B.	51 0	14 7	7 0	32	Harry Rive, Caraquet, N.B.
111437	Mary M. Romkey	Quebec	Schr—Glt	1902	Smith's Cove, N.S.	70 5	21 0	9 0	77	Matthew H. Foley, Quebec, Que.
111475	Mary Matilda	Arichat	Schr—Glt	1901	St. Peter's, N.S.	37 5	13 9	6 6	15	Wm. J. Murphy, Larry's River, N.S.
83434	Mary May	Shelburne	Schr—Glt	1886	Gilberts Cove, N.S.	44 0	15 6	5 8	20	A. J. Firth, Shelburne, N.S.
116478	Mary O	Chatham, N.B.	Schr—Glt	1904	Pt. Misonette, N.B.	34 0	11 4	4 6	11	Frederick L. Robichaud, Shippigan, N.B.
100957	Mary R	Chatham, N.B.	Schr—Glt	1893	Caraquet, N.B.	38 1	13 1	5 0	12	W. S. Loggie Co., Ltd., Chatham, N.B.
116475	Mary Rose	Chatham, N.B.	Schr—Glt	1904	Caraquet, N.B.	42 1	13 0	5 3	17	Robin, Jones & Whitman, Ltd., Halifax, N.S.
138649	Mary Ruth	La Have	Schr—Glt	1918	Shelburne, N.S.	101 2	26 3	11 0	104	Stanley S. Rafuse, M.O., Bridgewater, N.S.
112379	Mary S.	Arichat	Schr—Glt	1903	L'Ardoise, N.S.	41 3	13 1	5 8	18	Clyde Munroe, White Head, N.S.
77780	Mary S. Gordon	Goderich	Schr—Glt	1882	Kincardine, Ont.	56 0	17 0	4 9	28	John D. Corstan, Owen Sound, Ont.
112161	Mary Star	Chatham, N.B.	Schr—Glt	1903	Caraquet, N.B.	39 0	13 9	5 6	15	Hyacinthe Le Boutellier, Caraquet, N.B.
112150	Mary Star of the Sea	Chatham, N.B.	Schr—Glt	1902	Caraquet, N.B.	38 8	13 9	5 6	15	L. Friolet, Caraquet, N.B.
111844	Mary Star of the Sea	Chatham, N.B.	Schr—Glt	1900	Caraquet, N.B.	59 6	12 9	5 4	14	Robin, Jones & Whitman, Ltd., Halifax, N.S.
116477	Mary Star of the Sea	Chatham, N.B.	Schr—Glt	1904 1915	Caraquet, N. B.	41 0	15 5	5 9	20	Martin Savoy, Shippigan, N.B.
83457	Mary Taylor	Victoria	Schr—Glt	1875	Utsalady, U.S.A.	67 0	20 3	8 0	43	Batson Fisheries Ltd., Vancouver, B.C.
126295	Mary W. Catherine	Canso	Schr—Glt	1910	Port Felix, N.S.	36 6	11 0	5 9	13	William Pelrine, M.O., Port Felix, N.S.
88447	Mary W. J.	Halifax	Schr—Glt	1884	Mosher's River, N.S.	65 8	21 2	7 9	69	David McLeod, Charlottetown, P.E.I.
121859	Mary W. S.	Lunenburg	Schr—Glt	1906	LaHave, N.S.	74 3	22 5	8 8	71	Samuel Harris, Grand Bank, Nfld.
107912	Mary & Hilda	St. Andrews	Sloop	1896	Quaco, N.B.	30 0	14 6	5 0	17	Mrs. Nancy J. Guptill, Grand Manan, N.B.
126183	Mathalia	Shelburne	Sloop	1900	Clarke's Harbour, N.S.	31 0	11 6	6 4	11	Walter Watts and Elijah Holmes, Sand Point, N.S.
121879	Matilda	Yarmouth	Sloop	1905	Shelburne, N.S.	32 0	11 0	6 0	10	Eugene Nickerson, Bear Point, N.S.
121854	Mattawa	Lunenburg	Schr—Glt	1906	Lunenburg, N.S.	92 0	24 6	9 8	96	Wm. Morris and Wm. H. Bennett, Georges Bay, Nfld.
117043	Mattie and Charlie	Barrington Passage	Sloop	1903	Clarke's Harbour, N.S.	30 0	11 5	5 4	10	F. Nickerson, M.O., Clarke's Harbour, N.S.
103462	Maud	Arichat	Schr—Glt			43 0	17 0	5 6	20	John Doiron, Port Royal, N.S.
71036	Maud	St. John, N.B.	Schr—Glt	1876	Yarmouth, N.S.	52 0	16 5	6 2	34	Chas. S. Smith, St. Martin's, N.B
90269	Maud Carter	Halifax	Schr—Glt	1885	Humber Sound, Nfld.	74 9	21 9	9 0	92	John G. Murray, and Frederick Murray, Port Richmond, N.S.
94679	Maud Gillam	Halifax	Schr—Glt	1889	Shelburne, N.S.	76 0	22 0	8 6	79	Michael Gillam, Channel, Nfld.
134521	Maud Mosher	Sydney, N.S.	Ship	1912	North Sydney, N.S.	34 0	12 7	6 4	11	R. J. McNeil, Glace Bay, N.S.
107999	Maud S.	Canso	Schr—Glt	1901	Canso, N.S.	36 6	11 0	6 9	12	John W. Sproule, Canso, N.S.
77982	Maud S.	Port Rowan	Schr—Glt	1880	Georgian Bay, Ont.	52 0	15 0	6 5	21	R. Crooker, Port Rowan, Ont.
94749	Maud S.	St. John, N.B.	Schr—Glt	1888	Maquapit Lake, N.B.	65 5	20 5	5 4	63	Isaac H. Carle, Canning, N.B.
100376	Maud S.	Sydney, N.S.	Schr—Glt	1892	Cow Bay, N.S.	36 6	12 4	6 3	13	G. P. Leslie, Spry Bay, N.S.
85518	Maud S.	Toronto	Schr—Glt	1884	Port Credit, Ont.	52 3	16 4	3 6	25	Robert Osborne, Bronté, Ont.
74368	Maud Weston	Richibucto	Schr—Glt	1877	Sable River, N.S.	57 0	19 8	7 3	49	William Weston, *et al.*, Richibucto, N.B.
92604	Maudie	Digby	Schr—Glt	1889	Louisburg, N.S.	46 3	15 5	6 4	26	Chas. A. Copp and Edward F. Brewster, Harvey, N.B.
107477	Maudie Ellen	Digby	Sloop	1900	Parker's Cove, N.S.	29 5	12 8	5 5	14	Clarence Eisnor, Digby, N.S.
111502	Mavis	St. John, N.B.	Sloop	1900	St. John, N.B.	53 4	14 6	8 1	29	Wm. H. Street, Campobello, N.B.
103088	Max	Chatham, N.B.	Schr—Glt	1893	Caraquet, N.B.	34 4	13 4	4 8	10	M. Cormier, Caraquet, N.B.
122309	Max C.	Lunenburg	Schr—Glt	1907	Petite Riviere, N.S.	61 8	18 8	7 2	46	Harris Croft, M.O., West Dublin, N.S.
100227	May	Halifax	Schr—Glt	1893	Sambro', N.S.	37 8	11 4	5 0	10	James Howard, Terence Bay, N.S.
92581	May B.	Gaspé	Schr—Glt	1888	P. E. Island	39 8	12 3	4 9	14	Robert J. Vincent, Montrose, P.E.I.
94793	May English	Richibucto	Schr—Glt	1890	Rexton, N.B.	38 0	13 0	5 4	10	Daniel English, Rexton, N.B.
96810	May Flower	Charlottetown	Schr—Glt	1890	Summerside, P.E.I.	61 5	21 6	8 0	60	Jno. Smith, South Gut, N.S.

[1]Formerly "Maggie Roach."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Manager Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
107777	May Flower	Chatham, N.B.	Schr—Glt	1900	Shippigan, N.B	39 0	12 8	4 8	11	Octave Benoit, Shippigan, N.B..
69125	May Flower	Halifax	Schr—Glt	1875	Harbour au Bouche, N.S.	41 0	14 0	6 8	20	Hyacinthe Chiasson, Cheticamp, N.S.
100614	May Flower	Shelburne	Schr—Glt	1891	Jordan River, N.S.	32 0	12 4	5 4	11	J. E. Lloyd, Brighton, N.S.
75702	May Queen	Liverpool	Schr—Glt	1877	Liverpool, N.S.	41 2	14 3	5 5	17	Wm Peterson, Liverpool, N.S.
111896	May Queen	Weymouth	Sloop	1905	Church Point, N.S.	36 4	13 0	5 4	15	Samuel Gidney, *et al.*, Mink Cove, N.S.
126786	Mayers No. 1	New Westminster	Barge—Chd	1910	New Westminster, B.C.	86 2	28 0	7 2	133	Joseph Mayers, New Westminster, B.C.
107757	Mayflower	Charlottetown	Schr—Glt	1901	Cascumpec, P.E.I.	45 1	13 4	6 2	18	Jas. R. Lumsden, Canso, N.S.
116307	Mayflower	Charlottetown	Schr—Glt	1901	West Point, P.E.I.	39 4	12 8	4 5	13	John McLeod, Tidnish, N.S.
111462	Mayflower	Chatham, N.B.	Schr—Glt	1900	Miscou Harbour, N.B.	33 0	11 6	5 0	10	B. J. Williston, Bay du Vin, N.B.
103768	Mayflower	Chatham, N.B.	Schr—Glt	1896	Caraquet, N.B.	36 3	12 6	5 0	13	Leandre Poulin, Caraquet, N.B.
88431	Mayflower	Halifax	Schr—Glt	1884	Chezzetcook, N.S.	39 6	14 8	7 0	21	John Donovan, Ingonish, N.S.
92576	Mayflower	Halifax	Schr—Glt	1884	Sambro, N.S.	37 5	12 6	5 0	13	James Young, Sambro, N.S.
116553	Mayflower	Maitland	Schr—Glt	1906	Lower Selmah, N.S.	93 5	27 8	9 0	132	Daniel Desmond, Parrsboro, N.S.
103177	Mayflower	Shelburne	Schr—Glt	1891	Little Harbour, N.S.	32 3	11 6	5 6	12	A. B. Hamilton, Carleton Village, N.S.
103057	Mayflower	Yarmouth	Schr—Glt	1894	Shelburne, N.S.	34 0	12 4	6 1	12	L. O. Blades, Pubnico, N.S.
103545	Mayfly	Halifax	Sloop	1896	Dartmouth, N.S.	23 5	6 4	3 6	3	Dr. A. W. Cogswell, Halifax, N.S.
83315	Mazurka	Port Medway	Schr—Glt	1885	Vogler's Cove, N.S.	76 4	23 5	9 2	83	Edward B. Richardson, Halifax, N.S.
103189	Meda	Montreal	Schr—Glt	1896	Shelburne, N.S.	58 0	16 7	7 1	27	Charles W. Trenholme, Montreal, Que.
92777	Meda	New Westminster	Sloop	1888	Burrard Inlet, B.C.	31 5	11 4	4 9	10	O. Thomas, M.O., Victoria, B.C.
130997	Medaille d'Or	Chatham, N.B.	Schr—Glt	1913	Caraquet, N.B.	44 0	14 0	6 5	24	Edward Lanteigne, Caraquet, N.B.
37428	Medway Belle	Halifax	Schr—Glt	1854	Broad Cove, N.S.	64 0	19 8	7 7	50	Wm. Henderson, Murray Harbour, P.E.I.
107627	Mein	New Westminster	Barge—Chd	1898	Vancouver, B.C.	50 0	14 6	4 0	23	Anglo-British Columbia Packing Co., Ltd., Vancouver, B.C.
74550	Melanope	Vancouver	Barge—Chd	1876	Liverpool, G.B.	258 2	40 2	23 8	1,561	Canadian Pacific Ry. Co., Montreal, Que.
100574	Melrose	Barrington Passage	Schr—Glt	1893	LaHave, N.S.	63 2	21 9	9 0	71	John Stacey, Glace Bay, N.S.
103556	Melrose	Montreal	Schr—Glt	1895	Kingston, Ont.	183 6	35 8	14 0	740	Montreal Transportation Co., Ltd., Montreal, Que.
122614	Menesetung	Goderich	Dredge—Drague	1913	Goderich, Ont.	73 0	27 0	7 0	205	William Marlton and William L. Horton, J.O., Goderich, Ont.
138238	Menominee	Montreal	Sloop	1883	Milwaukee, Wis, U.S.A.	167 3	33 0	14 4	576	The Barge Menominee Co., Ltd., Montreal, Que.
				1917	Sorel, Que.					
100897	Mercedese	Weymouth	Schr—Glt	1896	Belliveau's Cove, N.S.	95 5	27 2	9 7	149	Arthur S. Tucker, *et al.*, Parrsboro, N.S.
138479	Meredith A. White	Parrsboro	Schr—Glt	1918	Alma, N.B.	163 4	35 5	12 8	453	Adam B. Mackay, M.O., Hamilton, Ont.
100779	Mermaid	Chatham, N.B.	Schr—Glt	1891	Caraquet, N.B.	34 7	13 1	4 5	11	W. S. Loggie Co., Ltd., Chatham, N.B.
111463	Mermaid	Chatham, N.B.	Schr—Glt	1900	Petit Rocher, N.B.	35 8	12 3	4 5	12	Sydney DesBrisay, PetitRocher, N.B.
111797	Mermaid	Port Hawkesbury	Schr—Glt	1907	Cheticamp, N.S.	35 6	11 4	6 4	13	Thomas Harris, Cheticamp, N.S.
97012	Mermaid	St. Catharines	Scow—Chd	1885	Chippewa, Ont.	36 0	7 5	5 0	9	Robt. Suton, Cayuga, Ont.
112104	Merry Christmas	Chatham, N.B.	Schr—Glt	1903	Little Lamek, N.B.	38 0	13 5	5 0	13	Celestin Jean, Little Lamek, N.B.
85796	Merry May	Charlottetown	Schr—Glt	1884	Mount Stewart, P.E.I.	67 7	21 8	7 2	64	Donald McRae, Charlottetown, P.E.I.

103671	[5]Merrythought	Toronto	Sloop	1895	Oakville, Ont.	56	0	12	2	9	0	39	E. G. Staunton, Toronto, Ont.
92347	Mersey	Quebec	Barge—Chd	1888	Point Lévis, Que.	100	0	23	4	5	8	96	John Burstall, Quebec, Que.
38417	Messenger	Arichat	Schr—Glt	1861	Cheticamp, N.S.	56	8	15	8	6	3	30	Cyprien Burke, River Bourgeois, N.S.
111553	Messenger	St. Andrews	Sloop	1899	Grand Manan, N.B.	29	8	12	8	5	1	12	Turner Ingersoll, Grand Manan, N.B.
64949	Meteor	Quebec	Barge—Chd	1871	Ste. Emélie, Que.	97	2	22	0	7	2	105	Z. Gosselin, St. Antoine de Tilly, Que.
107802	Meteor	St. John, N.B.	Sloop	1897	Deer Island, N.B.	40	8	12	8	6	0	13	Sylvester R. Watt, North Head, Grand Manan, N.B.
130938	Michael J. Haney	Montreal	Scow—Chd	1912	Montreal, Que.	110	1	28	2	8	7	213	Quinlan & Robertson, Ltd., Montreal, Que.
64948	Michigan	Quebec	Barge—Chd	1871	Quebec, Que.	122	3	24	5	9	2	206	Dickson Anderson, Montreal, Que.
100300	Mikado	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	35	4	12	5	5	0	13	Robin, Jones & Whitman, Ltd., Halifax, N.S.
138544	Mildred Adams	Lunenburg	Schr—Glt	1917	Mahone Bay, N.S.	114	2	27	0	11	0	132	Henry W. Adams, M.O., Lunenburg, N.S.
133818	Mildred Baker	Lunenburg	Schr—Glt	1907	Tancook, N.S.	40	2	10	0	5	2	10	Howard Baker, Lunenburg, N.S.
130659	Mildred Elaine	Chatham, N.B.	Schr—Glt	1912	Lamek, N.B.	41	0	13	8	6	3	20	Robin Jones & Whitman, Ltd., Halifax, N.S.
121996	Mildred G. Myers	La Have	Schr—Glt	1906	Lunenburg, N.S.	66	3	20	0	7	6	55	George W. Zwicker, *et al.*, La Have, N.S.
111831	Mildred K.	Digby	Schr—Glt	1901	Granville, N.S.	45	5	16	8	6	5	35	Frederick Ogilvie, Parrsboro, N.S.
72976	[1]Mildred M.	Digby	Schr—Glt	....	U.S.A.	63	8	19	5	7	0	52	Maurice D. Peters, *et al.*, Westport, N.S.
111523	Mildred P.	Yarmouth	Schr—Glt	1895	Port Maitland, N.S.	32	3	11	5	6	0	11	Hugh McManus, Yarmouth, N.S.
121865	Millie Louise	Halifax	Schr—Glt	1906	Mahone Bay, N.S.	85	6	24	0	9	0	80	Samuel F. and John B. Cox, Harrington Harbour, Que.
138762	Milnorine	Halifax	Schr—Glt	1918	Port Greville, N.S.	146	3	33	5	12	0	366	John T. Moulton, Burgeo, Nfld.
100153	Milo	Halifax	Schr—Glt	1891	Lunenburg, N.S.	81	1	24	4	9	3	99	Stephen Fiander, North Sydney, N.S.
116736	Milo	Halifax	Schr—Glt	1904	Beckerton, N.S.	46	4	15	0	8	0	23	W. A. Henry, Halifax, N.S.
130421	Minnie Davis	St. Andrews	Schr—Glt	1876	Bristol, Me., U.S.A.	28	2	16	4	6	2	28	Simon Brown, Campobello, N.B.
126883	[2]Mina May	Vancouver	Sloop	....	U.S.A.	27	4	11	0	4	5	7	Daniel Ross, Vancouver, B.C.
126355	Minion No. 1	Montreal	Scow—Chd	1899	Lachine, Que.	100	8	26	7	7	5	177	Wm. Fraser, Montreal, Que.
100224	Minnie	Charlottetown	Schr—Glt	1892	Sheet Harbour, N.S.	85	6	24	2	10	6	96	William Trenholm, St. Peters, N.S.
77628	Minnie	Kingston	Sloop	1878	Howe Island, Ont.	40	0	11	9	4	9	17	R. J. Wilson, Gananoque, Ont.
....	Minnie	Ottawa	Barge—Chd	1873	Brewer's Mills, Ont.	95	5	20	3	5	8	109	John Eligh and Peter Eligh, J.O., Beckett's Landing, Ont.
72067	[3]Minnie	Port Hawkesbury	Schr—Glt	1881	River Bourgeois, N.S.	49	5	17	0	6	3	26	J. Pelham, Janvrin's Harbour, N.S.
83141	Minnie	St. Catharines	Schr—Glt	1880	Port Dalhousie, Ont.	38	0	9	8	4	9	8	Joseph Adamson, Toronto, Ont.
111907	Minnie A.	Arichat	Schr—Glt	1902	River Bourgeois, N.S.	66	0	18	4	7	4	46	Edward J. Dicks, North Sydney, N.S.
75576	Minnie A.	Pictou, N.S.	Schr—Glt	1877 1904	LaHave, N.S. Wallace, N.S.	61	8	20	0	7	7	46	Wm. Langille, Bruce Shore, N.S.
107375	Minnie B.	Sydney, N.S.	Schr—Glt	1900	Ingonish, N.S.	38	7	11	6	5	1	10	James H. Brewer, Ingonish, N.S.
96935	Minnie Bell	Charlottetown	Schr—Glt	1890	Wood Island, P.E.I.	49	5	17	1	6	0	36	David M. Jackson, Tidnish, N.S.
90722	Minnie Bell	Halifax	Schr—Glt	1886	Musquodoboit Harbour, N.S.	34	5	12	6	4	8	11	John Kent, Musquodoboit Harbour, N.S.
75450	Minnie Bride	Quebec	Schr—Glt	1888	Barachois, Gaspé, Que.	74	5	22	0	9	7	93	Jermain Leclerc, Ste. Anne des Monts, Que.
85533	Minnie C.	Digby	Schr—Glt	1883	Maitland, N.S.	39	0	12	4	5	0	12	Stephen Haynes, Digby, N.S.
90682	Minnie D.	Halifax	Schr—Glt	1886	Shelburne, N.S.	73	0	21	7	8	8	76	Theodore Keeping, Channel, Nfld.
103606	Minnie D.	Sydney, N.S.	Schr—Glt	1896	Ingonish, N.S.	33	7	12	1	5	1	9	J. Daphne, Ingonish, N.S.
94792	Minnie E. Moody	Richibucto	Schr—Glt	1888	Richibucto, N.B.	83	3	24	7	8	9	99	Aime A. Terrio, *et al.*, Arichat, N.S.
107438	Minnie F.	St. Andrews	Sloop	1895	GrandManan, N.B.	29	0	11	5	5	0	11	Chester Frankland, Grand Manan, N.B.
88577	Minnie Francis	Kingston	Barge—Chd	1885	Kingston, Ont.	101	0	22	8	5	0	89	G. B. Magee, Merrickville, Ont.
107434	Minnie G.	St. Andrews	Sloop	1886	West Isles, N.B.	30	6	12	2	5	6	13	Owen Green, Grand Manan, N.B.
130254	Minnie G. Parsons	Windsor, N.S.	Schr—Glt	1916	Cheverie, N.S.	138	0	33	5	11	3	320	Geo. M. Parsons, *et al.*, Cheverie, N.S.
88466	Minnie J.	Arichat	Schr—Glt	1893	Sonora, N.S.	30	3	11	2	4	7	10	P. Munro, White Head, N.S.
112022	Minnie J.	Canso	Schr—Glt	1903	Tancook, N.S.	40	0	12	4	6	9	14	James W. Feltmate, Whitehaven, N.S.
85737	[4]Minnie J. Dicks	Sydney, N.S.	Schr—Glt	1883 1905	Mahone, N.S. Liscombe, N.S.	82	0	23	8	9	5	78	Mrs. Margaret Dicks, North Sydney, N.S.
111904	Minnie L.	Arichat	Schr—Glt	1901	Cape George, N.S.	39	2	11	3	5	9	15	Elias Bois, Petite de Grat, N.S.
107751	Minnie Laura	Charlottetown	Schr—Glt	1900	Murray Harbour, P.E.I.	50	0	15	9	6	6	31	Reuben W. Penney, Murray Harbour South, P.E.I.
83104	Minnie Long	Richibucto	Schr—Glt	1887	Richibucto, N.B.	43	1	14	3	5	8	29	T. J. Pendergast, Sydney, N.S.
100249	Minnie M.	Halifax	Schr—Glt	1894	Ship Harbour, N.S.	34	8	12	0	5	2	10	J. P. Martin, Ship Harbour, N.S.
85400	Minnie M.	Magdalen Islands	Schr—Glt	1901	Old Harry, Que.	39	5	11	5	6	3	13	John J. Bushey, Grand Entry, M.I., Que.
122112	Minnie M.	Sydney, N.S.	Schr—Glt	1906	Little Bras d'Or, N.S.	32	8	10	9	4	1	7	Arthur Buchanan, St. Anns, N.S.
107952	Minnie M. Cook	Lunenburg	Schr—Glt	1899	La Have, N.S.	87	0	24	0	9	3	84	Geo. Young, North Sydney, N.S.
116739	Minnie M. Dora	Halifax	Schr—Glt	1901	Spry Bay, N.S.	36	4	11	8	6	4	14	John Beaver, Spry Bay, N.S.
126107	Minnie M. Mosher	Lunenburg	Schr—Glt	1908	Mahone Bay, N.S.	90	8	23	4	9	8	73	T. Geddes Grant, Ltd., Port of Spain, Trinidad, B.W.I.
83302	Minnie Mac	Charlottetown	Schr—Glt	1882	Port Medway, N.S.	71	0	22	1	8	6	76	Horace Hyde, Murray Harbour, P.E.I.

[1]Formerly "Mary A. Taylor." [2]Foreign name "Foam". [3]Formerly "Philomene D." [4]Formerly "Scylla." [5]Formerly "Winnetta."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
90206	Minnie Mack	Charlottetown	Schr—Glt	1884	Bay St. George, Nfld	38 2	12 5	5 7	15	John McKlogan, Bay View, Pictou, N.S.
97052	Minnie Maud	Gaspé	Schr—Glt	1891	Liverpool, N.S.	81 0	23 7	8 6	85	Ernest Simmons, Harbor Grace, Nfld.
85399	Minnie May	Magdalen Islands	Schr—Glt	1897	Spry Bay, N.S.	35 2	12 5	5 6	10	Charles Cormier, Amherst, Magdalen Islands, Que.
100446	Minnie May	Canso	Schr—Glt	1896	Sonora, N.S.	33 7	12 4	5 2	12	Wm. L. Dart, Sandy Cove, N.S.
116536	Minnie May	Gaspe	Schr—Glt	1905	Lunenburg, N.S.	49 3	16 1	7 2	29	C. L. Kennedy, Douglastown, Que.
61578	[1]Minnie T.	Sackville	Schr—Glt.	1875 / 1905	Lewis Head, N.S. / Port Elgin, N.B.	90 8	24 3	8 8	89	C. Trenholm, Port Elgin, N.B.
107702	Minniehaha	Toronto	House-boat	1898	Penetanguishene, Ont.	42 0	23 0	3 0	133	David Davidson, Penetanguishene, Ont.
122231	Minola	Barrington Passage.	Sloop	1905	Clarke's Harbour, N.S.	32 0	11 4	5 8	13	Job E. Nickerson and Thomas Penney, Clarke's Harbour N.S.
111574	Minota	Toronto	Sloop	1899	Oakville, Ont.	40 0	9 0	5 3	13	G. H. Aitkin, Chicago, Ill., U.S.A.
100450	Minto	Canso	Schr—Glt	1899	Canso, N.S.	42 2	13 7	6 9	18	E. C. Whitman, Canso, N.S.
107791	Minto	St. John, N.B.	Schr—Glt	1899	Westville, N.B.	63 0	20 0	5 0	49	F. A. Peters, *et al.*, St. John, N.B.
121905	Mira L. Smith	Barrington Passage.	Sloop	1906	Clarke's Harbour, N.S.	33 0	12 1	6 2	14	Angus Atwood, Barrington, N.S.
126352	Miramichi No. 2	Montreal	Scow—Chd	1902	Baie Verte, N.B.	80 0	26 0	7 5	156	Montreal General Contracting Co., Ltd., Montreal, Que.
126354	Miramichi No. 4	Montreal	Scow—Chd	1902	Baie Verte, N.B.	84 2	26 8	7 5	130	Dominion Barging Co., Ltd., Lachine, Que.
100873	Miranda B.	St. John, N.B.	Schr—Glt	1893	Long Reach, N.B.	73 5	27 0	6 3	79	J. E. Moore, St. John, N.B.
111700	Miriam F.	Liverpool	Schr—Glt	1902	Port Mouton, N.S.	36 4	11 6	5 7	11	Smith C. Craig, *et al.*, Sable River, N.S.
69376	[2]Miriam G.	Sydney, N.S.	Bgtn—Bkglt	1874	Parish St. Peter, Que.	102 2	22 5	11 9	139	Mrs. Miriam S. Cruickshank, Sydney, N.S.
138806	Miriam H.	Weymouth	Schr—Glt	1918	Saulnierville, N.S.	146 0	33 3	12 4	359	Acadia Shipping Co., Ltd., Meteghan River, N.S.
134006	Miscou	Chatham, N.B.	Schr—Glt	1912	Miscou, N.B.	35 0	10 2	4 8	10	Joseph N. Le Bouthillier, Caraquet, N.B.
134340	Miscou Belle	Chatham, N.B.	Schr—Glt	1915	Miscou, N.B.	48 0	14 5	6 5	21	Robin, Jones & Whitman, Halifax, N.S.
126439	Miss Swift	Vancouver	Scow—Chd	1909	Vancouver, B.C.	34 0	19 9	2 5	68	Benjamin G. Duggan, Vancouver, B.C.
134004	Mizonette	Chatham, N.B.	Schr—Glt	1914	Caraquet, N.B.	36 5	13 2	5 0	13	Prospere Boudreau, Caraquet, N.B.
88402	Mizpah	Digby	Schr—Glt	1884	Freeport, N.S.	57 9	19 8	7 4	53	Jos. E. Gaskill, Grand Manan. N.B
103326	Mizpah	Port Hawkesbury	Schr—Glt	1899	Cheticamp, N.S.	35 8	11 7	5 0	10	George Le Brun, Cheticamp, N.S.
130669	Model A	Richibucto	Schr—Glt	1916	St. Louis, N.B.	32 0	11 0	5 0	11	Alexander Frigot, St. Louis, N.B.
126162	Mogul	Montreal	Dredge—Drag.	1906	Cornwall, Ont	82 6	32 5	6 5	168	Lyon Cohen, Montreal, Que.
85470	Moise	Quebec	Barge—Chd	1883	Yamaska, Que.	103 4	22 6	7 3	124	Moise Robidoux, Yamaska, Que.
116856	Mollie	Shelburne	Schr—Glt	1905	Shelburne, N.S.	82 0	21 8	8 3	85	Jno. J. Whiteley, Bonne Esperance, Que.
130427	Mollie G. Gaskill	St. Andrews	Schr—Glt	1911	Campobello, N.B.	52 4	16 1	6 6	23	Joseph E. Gaskill, Grand Manan, N.B.
103599	Mollie Myrer	Charlottetown	Schr—Glt	1897	Souris, P.E.I.	34 0	12 0	5 4	9	Socime Fouchère, Etang du Nord, Magdalen Islands, Que.
116674	Mona	St. Andrews	Schr—Glt	1893	West Isles, N.B.	36 0	13 4	6 4	18	Edwin H. Richardson, West Isles, N.B.
116851	Mona	Charlottetown	Schr—Glt	1904	Shelburne, N.S.	79 0	22 0	8 2	87	Peter McNutt, M.O., Malpeque, P.E.I.
134002	Mona Lisa	Chatham, N.B.	Schr—Glt.	1914	Caraquet, N.B.	39 5	13 8	5 6	17	Joseph E. Le Bouthillier, Caraquet, N.B.

116668	Monarch	Midland	Dredge--Drague	1906	Welland, Ont.	100	0	36	0	9	3	372	The Canadian Dredge & Construction Co., Ltd., Midland, Ont.
134051	Monarchy	Lunenburg	Schr—Glt	1914	La Have, N.S.	90	2	23	6	9	5	80	Josiah Lohnes, M.O., La Have, N.S.
107998	Money Bush	Canso	Schr—Glt	1901	Port Felix, N.S.	40	0	13	4	6	9	15	Thomas Richard, Port Felix, N.S.
121687	Monitor	Yarmouth	Sloop	1904	Tusket Wedge, N.S.	32	0	11	0	6	0	10	Charles Nickerson and George Thomas, Port Clyde, N.S.
107688	[3]Mons Meg	Kingston	Drill boat	1876	Ogdensburg, N.Y., U.S.A.	105	0	31	0	9	4	291	Robert Weddell, Trenton, Ont.
100361	Montagnais	Quebec	Sloop	1891	Isle aux Coudres, Que.	37	4	14	2	5	4	17	Jacob Mailloux, Isle aux Coudres, Que.
121665	Montagnaise	Quebec	Sloop	1904	Isle aux Coudres, Que.	32	8	14	9	4	6	13	Emilien P. Bernier, Isle aux Grues, Que.
138747	Montclair	Yarmouth	Schr—Glt	1918	Yarmouth, N.S.	142	4	33	6	13	0	419	Yarmouth Shipbuilding Co., Ltd., Yarmouth, N.S.
103979	Montmorency	Quebec	Schr—Glt	1897	Quebec, Que.	68	0	21	4	6	0	51	Edgard Tremblay, Ance St. Jean, Que.
.....	Montreal	Montreal	Barge—Chd	1873	Montreal, Que.	143	0	33	3	9	7	337	Montreal Transportation Co., Ltd., Montreal, Que.
103630	Moohauk	Quebec	Sloop	1896	Les Ecureuils, Que.	37	6	13	6	5	0	16	Leon Langlois, Les Eureuils, Que.
126443	Moose	Kenora	Dredge--Drague	1909	Keewatin, Ont.	80	0	30	0	6	0	233	Rainy River Dredging Co., Ltd., Fort William, Ont.
83283	Moravia	Kingston	Sloop	1882	Kingston, Ont.	81	5	18	7	5	0	53	S. H. Pippin, Belleville, Ont.
107656	Moravia	Gaspé	Schr—Glt	1899	La Have, N.S.	100	4	25	6	10	0	99	Arnold Rattenbury, Charlottetown, P.E.I.
90639	Morell	Charlottetown	Schr—Glt	1883	Georgetown, P.E.I.	39	0	13	2	5	1	16	Edward D. Delory, Georgetown, P.E.I.
103547	Morning Glory	Halifax	Schr—Glt	1896	Ship Harbour, N.S.	36	6	12	3	5	0	11	W. E. Murphy, Ship Harbour, N.S..
88230	Morning Light	Charlottetown	Schr—Glt	1884	Chezzetcook, N.S.	44	5	16	5	6	8	28	W. G. Richards, Grand River, P.E.I.
74065	Morning Light	Windsor, Ont.	Sloop	1876	Anderson, Ont.	45	6	13	0	2	4	14	H. I. Stricker, Shrewsbury, Ont.
88669	Morning Star	Chatham, N.B.	Schr—Glt	1881	Pokemouche, N.B.	32	2	11	4	4	5	12	Gustave Gionet, Pokemouche, N.B.
117188	Morning Star	Chatham, N.B.	Schr—Glt	1906	Shippigan Island, N.B.	38	6	13	3	5	6	14	Romain Noel (son of Jacques), Shippigan Island, N.B.
83100	Morning Star	Port Hawkesbury	Schr—Glt	1884	Port Royal, N.S.	34	8	12	2	5	2	13	Matthew Maddox, Grandigue, N.S.
103839	Move	Quebec	Schr—Glt	1896	Chateau Richer, Que.	31	0	11	8	4	6	11	H. Caron, Chateau Richer, Que.
138822	Mowcen	Lunenburg	Schr—Glt	1918	West La Have, N.S.	108	6	26	2	10	5	99	Haliburton Himmelman, M.O., La Have, N.S.
107538	Mowgli	St. John, N.B.	Sloop	1895	Yarmouth, N.S.	24	4	9	1	3	8	4	E. A. Whelpley, Fairville, N.B.
100719	Mudine	Montreal	Sloop	1889	Brooklyn, N.Y., U.S.A.	26	0	9	8	2	8	5	George R. Marler, Montreal, Que.
100631	Mudlark	Victoria	Barge—Chd	1890	Victoria, B.C.	90	0	30	0	6	0	139	The Minister of Public Works, Ottawa, Ont.
116868	Mudpout Scow	Ottawa	Barge—Chd	1904	Hull, Que.	40	0	16	0	4	4	23	The E. B. Eddy Company, Ltd., Hull, Que.
90542	Muriel	Ottawa	Barge—Chd	1886	Montreal, Que.	121	9	24	6	7	5	192	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
85760	Muriel	Quebec	Yawl—Yole	1883	St. Laurent, Que.	40	8	15	5	5	0	19	John D. Gilmour, Quebec, Que.
107985	Muriel	Shelburne	Schr—Glt	1900	Sable River, N.S.	49	1	15	4	6	5	25	James P. White, Murray Harbour, P.E.I.
126113	Muriel B. Walters	Lunenburg	Schr—Glt	1908	Lunenburg, N.S.	97	6	25	8	10	2	98	Samuel Shaw, Halifax, N.S.
130733	Muriel E. Winters	Lunenburg	Schr—Glt	1911	Lunenburg, N.S.	106	8	26	3	10	4	100	Freeman Anderson, M.O., Lunenburg, N.S.
117051	Muriel G.	Canso	Schr—Glt	1904	White Haven, N.S.	41	6	15	0	6	6	21	Alden Munroe, White Haven, N.S.
122007	Muriel M. Young	Lunenburg	Schr—Glt	1906	Lunenburg, N.S.	103	8	26	1	10	2	100	Wm. Spencer, Fortune, Nfld.
107298	Murray B.	Annapolis Royal	Schr—Glt	1901	Margaretsville, N.S.	59	0	19	7	7	1	43	Sidney Blenkhorn, Canning, N.S.
126296	Murray R. Munroe	Canso	Schr—Glt	1910	White Haven, N.S.	45	0	14	8	8	9	21	Thurlo Munroe, White Haven, N.S.
.....	Muskoka	Montreal	Schr—Glt	1872	Chatham, Ont.	149	0	26	0	11	6	482	Alphonse A. Laroque, Montreal, Que.
83310	Myosotis	Arichat	Schr—Glt	1884	Port Medway, N.S.	80	0	23	5	8	8	93	Wm. T. Eastman, *et al.*, North Sydney, N.S.
100606	Myra Louise	Lunenburg	Schr—Glt	1893	Lockeport, N.S.	46	0	14	0	6	0	17	James A. Richardson, *et al.*, Port Shoreham, N.S.
85477	Myrtle	Barrington Passage	Schr—Glt	1883	Shelburne, N.S.	80	5	22	7	8	8	91	G. Cunningham, Halifax, N.S.
111668	Myrtle	Montreal	Barge—Chd	1902	Charlemagne, Que.	96	4	26	4	5	3	92	The Charlemagne & Lac Ouareau Lumber Co., Ltd., Montreal, Que.
107801	Myrtle	St. John, N.B.	Sloop	1898	St. John, N.B.	26	5	8	4	3	0	5	Edward N. Herrington, St. John, N.B.
126873	Myrtle L.	Digby	Schr—Glt	1910	Hillsburn, N.S.	63	2	18	0	8	8	47	J. B. Butler and Wm. Forsey, Grand Bank, Nfld.
116687	[4]Myrtle Mack	Charlottetown	Schr—Glt	1865 1912	Bath, Me., U.S.A. Port Elgin, N.B.	47	8	14	7	5	5	22	Benjamin Compton, Belle River, P.E.I.
88425	Myrtle Purdy	St. John, N.B.	Schr—Glt	1884	Chipman, N.B.	77	3	26	5	7	0	85	Willard Wilbur, New Horton, N.B.
116897	Myrtle S.	Yarmouth	Sloop	1904	Sanford, N.S.	35	0	12	0	6	0	12	Alexander Shaw, Sanford, N.S.
85442	Mystery	St. John, N.B.	Schr—Glt	1883	Cornwallis, N.B.	40	0	13	2	6	0	14	C. W. Thompson, St. John, N.B.
131168	N. A. F.	Lunenburg	Schr—Glt	1912	Tancook, N.S.	48	0	13	5	7	0	24	John Kennedy, Canso, N.S.
138123	N. C P. No. 1	New Westminster	Barge—Chd	1915	Steveston, B.C.	44	0	20	0	3	0	22	The Nanaimo Canners & Packers, Limited, Nanaimo, B.C.
138124	N. C. P. No. 2	New Westminster	Barge—Chd	1915	Steveston, B.C.	40	0	14	0	3	0	13	The Nanaimo Canners & Packers, Limited, Nanaimo, B.C.
134651	N. C. & P. No. 3	Victoria	Barge—Chd	1917	Nanaimo, B.C.	60	0	16	0	4	2	33	The Nanaimo Canners & Packers, Ltd., Nanaimo, B.C.
134652	N. C. & P. No. 4	Victoria	Barge—Chd	1917	Nanaimo, B.C.	60	0	16	0	4	2	33	The Nanaimo Canners & Packers, Ltd., Nanaimo, B.C.
140943	N. C. & P. No.5	Victoria	Barge—Chd	1913	Nanaimo, B.C.	61	7	22	1	5	7	67	Alfred Bradford, Nanaimo, B.C.
126164	N. G.	Montreal	Sloop	1908	St. Michel, Que.	110	3	23	1	7	9	143	Regis Joly, St. Anne de Sorel, Que.

[1]Formerly "L. P. Churchill." [2]Formerly "Dawn" and Foreign name "Francis Réne." [3] Formerly "William Armstrong" and a steamer. [4] Foreign name "Pierbastah."

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134182	[1]N. G. & C., No. 3....	St. John, N.B.....	Dredge--Drague	1894	Perth Amboy, N.J., U.S.A.	120 6	55 3	8 6	1,088	Norton Griffiths & Co., Ltd., Montreal, Que.
75627	N. W. White.....	Quebec.....	Schr—Glt.....	1878 1908	Jordan River, N.S..... Riv. St. Francois, Que...	79 8	22 5	8 5	90	Eastern Canada Fisheries, Ltd., Montreal, Que.
126761	N. Lafleur.....	Montreal.....	Sloop.....	1901	St. Antoine, Que.....	63 3	21 7	5 2	38	Napoleon Lafleur, St. Antoine de Tilly, Que.
133942	Naden.....	Ottawa.....	Schr—Glt.....	1913	Vancouver, B.C.....	80 0	20 1	8 6	88	The Minister of the Naval Service, Ottawa, Ont.
107681	Nadine.....	Montreal.....	Barge—Chd....	1899	Toronto, Ont.....	166 0	29 8	12 6	484	Montreal Transportation Co., Ltd., Montreal, Que.
134341	Nap. L.....	Montreal.....	Scow—Chd.....	1911	Montreal, Que.....	110 3	28 2	7 2	174	Quinlan & Robertson, Ltd., Montreal, Que.
138797	Nap. Trudel.....	Quebec.....	Dredge—Drag..	1911	St. Irenee, Que.....	52 2	25 2	3 8	40	Nap. Trudel, St. Irenee, Que.
.....	Napoléon.....	Montreal.....	Barge—Chd....	1866	Gentilly, Que.....	90 8	23 1	5 9	83	Octave Lafleur, St. Jean, Que.
103629	Napoléon.....	Quebec.....	Sloop.....	1895	Les Ecureuils, Que.....	64 8	21 4	5 7	47	A. Lemieux, Les Ecureuils, Que.
62598	[2]Natashquan.....	Quebec.....	Barge—Chd ...	1870	Sunderland, G. B.	198 7	27 3	15 5	620	William Q. Stobo, Quebec, Que.
126187	Nathalie.....	Yarmouth.....	Schr—Glt.....	1909	Allendale, N.S.....	53 2	16 4	6 5	28	Edgar B. Ehrgott, Yarmouth, N.S.
134617	Neebish No. 1.....	Sault Ste. Marie....	Scow—Chd.....	1915	East Neebish, Ont.....	30 0	16 0	2 5	10	Geo. W. Goodwin, Sault Ste. Marie, Ont.
126699	Nehoe.....	Montreal.....	Dredge--Drague	1908	Sorel, Que.....	79 3	25 8	5 7	146	Lyon Cohen, Montreal, Que.
107607	Nellie.....	Weymouth.....	Schr—Glt.....	1901	Meteghan River, N.S.....	68 0	21 0	8 2	59	John F. Salter, Parrsboro, N.S.
112288	Nellie D.....	Digby.....	Schr—Glt.....	1903	Mavillette, N.S.....	53 8	19 0	7 7	32	John Romkey, Necum Teuch, N.S.
85665	Nellie D.....	Halifax.....	Schr—Glt.....	1881	Lunenburg, N.S.....	36 2	12 7	5 7	12	Andrew Mason, Pope's Harbour, N.S.
133789	Nellie Dixon.....	St. Andrews.....	Schr—Glt.....	1889	Boston, Mass., U.S.A.....	101 9	23 4	9 1	72	The Beaver Harbour Trading Co., Beaver Harbour, N.B.
71174	Nellie Hunter.....	Kingston.....	Schr—Glt.....	1874	Dog Lake, Ont.....	101 0	25 0	9 7	172	Jos. Darian, Lanoraie, Que.
126663	Nellie J. Banks.....	Shelburne.....	Schr—Glt.....	1910	Allendale, N.S.....	57 3	17 8	7 0	35	Frederick W. Sutherland, *et al.*, Lockeport, N.S.
103800	Nellie J. King.....	Shelburne.....	Schr—Glt.....	1900	Shelburne, N.S.....	90 0	23 3	9 2	99	Wm. L. Murray, M.O., Richmond, N.S.
107920	Nellie L.....	St. Andrews.....	Sloop.....	1900	West Isles, N B.....	36 4	14 0	6 6	17	Austin Levy, Grand Manan, N.B.
92685	Nellie Reid.....	Pictou, N.S.....	Schr—Glt.....	1891	Brulé, N.S.....	80 3	21 6	8 9	79	Charles Reid, Brulé, N.S.
92368	Nellie Watters.....	St. John, N.B.....	Schr—Glt.....	1887	Canning, N.B.....	79 5	26 5	7 0	96	B. B. Bishop, Hopewell Cape, N.B.
103559	Nelson.....	Montreal.....	Sloop.	1896 1908	St. Thomas de Pierreville, Que. Notre Dame de Pierreville, Que.	108 9	23 0	7 3	126	Emile Charland, Montreal, Que.
117132	Nema D.....	Barrington Passage.	Sloop.....	1904	Port La Tour, N.S.....	33 0	11 0	6 0	10	J. C. Brannen, M.O., Port La Tour, N.S.
85396	Neptune.....	Magdalen Islands...	Schr—Glt.....	1889	Amherst, M.I., Que.....	54 6	16 9	7 4	34	Alexander G. McLeod, Point Ste. Anne, N.S.
126690	Nerée Harvey No. 1	Montreal.....	Schr..Glt.....	1909	Isle aux Coudres, Que.....	61 6	20 0	7 4	50	Honore Chouinard, Grand Metis, Que.
80843	Nettie B. H.....	Halifax.....	Schr—Glt.....	1880	Clam Harbour, N.S.....	42 5	15 5	6 3	23	Albert E. Edwards, M.O., Dartmouth, N.S.
116232	Nettie M.....	Digby.....	Sloop.....	1903	Clarke's Harbour, N.S....	32 5	12 0	6 0	12	Wm. McDormand, *et al.*, Westport, N.S.
69145	Neva.....	Halifax.....	Schr—Glt.....	1875	Pomquet, N.S.....	97 5	27 9	10 4	167	W. W. Clarke, M.O., Bear River, N.S.
103539	Neva.....	Halifax.....	Schr—Glt.....	1882	Pennant, N.S.....	33 5	11 0	5 5	11	Michael Slaughenwhite, Terence Bay, N.S.
131003	New Brunswick No. 1	St. John, N.B...	Dredge--Drague	1912	Upper Gagetown, N.B...	75 3	30 1	6 8	244	The New Brunswick Construction Co., Ltd., Welsford, N.B.

130639	New Brunswick No.2	St. John, N.B.	Dredge--Drague	1889	St. John, N.B.	61	2	19	3	5	1	56	The New Brunswick Construction Co., Ltd., Welsford, N.B.
85703	New Dominion	Prescott	Schr—Glt	1868	Port Rowan, Ont.	117	5	25	3	9	2	197	Miss Katie McGrory, Prescott, Ont.
112006	New Ontario	Port Arthur	Pile-driver	1898	Duluth, Minn., U.S.A.	50	0	20	0	2	8	17	James Whalen, Port Arthur, Ont.
134544	New Welland	Ottawa	Dredge--Drague	1913	Kinderdijk, Holland	151	0	26	7	7	3	207	La Compagnie Générale d'Entreprises Publiques, Lévis, Que.
94833	News Boy	Port Medway	Schr—Glt	1877	Vinal Haven, U.S.A.	36	5	12	8	5	5	16	R. B. H. Robertson, Bridgewater, N.S.
90861	Nicanor	Lunenburg	Barge—Chd	1886	Mahone Bay, N.S.	140	3	31	0	17	0	393	Dominion Coal Co., Ltd., Sydney, N.S.
130613	Nidge No. 1	Victoria	Barge—Chd	1912	Victoria, B.C.	60	0	20	0	4	7	46	Vancouver Island Power Co., Ltd., Victoria, B.C.
130899	Nidge No. 2	Vancouver	Barge—Chd	1912	Victoria, B.C.	60	0	20	0	4	7	46	The Canadian Fishing Co., Ltd., Vancouver, B.C.
103854	Nifti	Halifax	Sloop	1897	Dartmouth, N.S.	23	6	6	6	4	0	2	John M. Geldert, Halifax, N.S.
89882	Nile	Dorchester	Bgtn—Bkglt	1857	Maryland, U.S.A.	96	6	24	6	8	2	164	Judson Edgett, Brooklyn, N.Y., U.S.A.
107322	Nim	Halifax	Sloop	1897	Mahone Bay, N.S.	28	8	7	5	4	2	3	Edward C. Bethune, Halifax, N.S...
80841	Nina	Halifax	Sloop	1880	Owl's Head, N.S.	34	8	13	2	5	4	13	Jos. E. Parker, Owl's Head, N.S.
94830	Nina Blanche	St. John, N.B.	Schr—Glt	1893	Belliveau's Cove, N.S.	50	0	17	2	7	0	31	Abner Neves, Apple River, N.S.
121726	IX	Vancouver	Scow—Chd	1906	Vancouver, B.C.	90	2	30	3	7	7	104	The Imperial Munitions Board, Ottawa, Ont.
103387	Ninety-six	Winnipeg	Barge—Chd	1896	Keewatin, Ont.	52	0	13	5	6	3	26	Dominion Fish Co., Ltd., Winnipeg, Man.
107628	Nith	New Westminster	Barge—Chd	1898	Vancouver, B.C.	50	0	14	6	4	0	23	The Anglo-British Columbia Packing Co., Ltd., Vancouver, B.C
112090	Noble H.	Lunenburg	Schr—Glt	1902	Mahone Bay, N.S.	87	8	24	7	9	4	95	Samuel R. Giffin, Goldboro, N.S.
134321	Noella	Chatham, N.B.	Schr—Glt	1914	Lamek, N.B.	39	0	13	5	6	0	18	Andre D. Chaisson, Lamek, N.B.
107588	Nogey	Lindsay	Barge—Chd	1898	Bobcaygeon, Ont.	69	7	19	4	5	0	68	Robert Kennedy, Lindsay, Ont.
103861	Nomad	Halifax	Cutter	1898	Dartmouth, N.S.	30	2	7	8	4	5	5	C. L. Newman, Halifax, N.S.
126744	Nonobiki	Vancouver	Schr—Glt	1910	Steveston, B.C.	51	0	13	0	4	9	25	Masagus Minakata, Vancouver, B.C.
116660	Nora	Yarmouth	Sloop	1904	Cape St. Mary's, N.S.	37	0	11	3	4	6	11	Stephen A. Doucette, M.O., Cape St. Mary's, N.S.
126475	Nora Sybil	Halifax	Schr—Glt	1910	Owls Head, N.S.	31	0	9	6	5	0	6	Menno Stevens, Owls Head, N.S.
71097	Norah	Belleville	Sloop	1880	Trenton, Ont.	52	0	15	0	5	0	30	R. C. Smith, Port Hope, Ont.
134342	Norah L.	Montreal	Scow—Chd	1898	Montreal, Que.	79	0	22	7	5	3	188	Quinlan & Robertson, Ltd., Montreal, Que.
100387	Norina	Sydney, N.S.	Schr—Glt	1894	St. Ann's, N.S.	47	0	17	2	7	1	31	J. McLeod, St. Ann's, N.S.
138256	Norma L. Conrad	Lunenburg	Schr—Glt	1916	Mahone Bay, N.S.	102	6	26	2	10	5	99	Joshua E. Backman, M.O., La Have, N.S.
134044	Norma P. Coolen	Lunenburg	Schr—Glt	1913	Mahone Bay, N.S.	104	2	25	5	10	6	95	John McLean & Sons, Ltd., Mahone Bay, N.S.
112081	Norman	Kenora	Barge—Chd	1902	Norman, Ont.	63	0	16	0	5	8	47	The Armstrong Trading Co., Ltd., Portage-la-Prairie. Man.
133943	Norman F. Wilson	Ottawa	Barge—Chd	1914	Hull, Que.	113	0	24	2	7	8	179	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
103284	Normandy	Chatham, N.B.	Schr—Glt	1893	Shippigan, N.B.	35	0	12	0	4	8	11	P. Rive, Caraquet, N.B.
126621	North Bend	Vancouver	Schr—Glt	1877	Coos Bay, Ore., U.S.A.	152	6	32	0	11	0	392	Whalen Pulp & Paper Mills, Ltd., Vancouver, B.C.
83378	North West	Toronto	Schr—Glt	1882	Bronté, Ont.	75	5	20	0	6	0	57	Edmund Goldring and Francis Goldring, Whitby, Ont.
72583	Norway	Quebec	Schr—Glt	(1873) (1881)	Garden Island, Ont.	135	5	26	0	11	9	332	The Kaine & Bird Transportation Co., Ltd., Quebec, Que.
103879	Notre Dame de Pierreville	Montreal	Sloop	1897	Notre Dame de Pierreville, Que.	106	2	23	1	7	4	139	Atchez Descheneaux, Notre Dame de Pierreville, Que.
74365	Nova Stella	Arichat	Schr—Glt	1877	Lockeport, N.S.	63	0	21	2	7	5	58	L. N. Poirier, Descouse, N.S.
88342	Nova Zembla	Guysborough	Schr—Glt	1883	Lunenburg, N.S.	74	8	23	2	8	7	79	Charles O. Maguire, Guysborough, N.S.
126929	Nuage Gris	Quebec	Schr—Glt	1901	Limoilou, Que.	66	8	20	3	5	6	38	Elzear Hovington, M.O., Bon Desir, Que.
107389	No. C	Ottawa	Barge—Chd	1898	Cornwall, Ont.	79	5	20	0	5	2	55	John L. Wood, Montreal, Que.
107388	No. D	Ottawa	Barge—Chd	1897	Belleville, Ont.	50	0	20	0	3	5	24	John L. Wood, Montreal, Que.
122125	No. 1	Halifax	Dredge--Drague	1906	Mahone, Bay N.S.	60	5	25	8	5	7	153	The Halifax Dredging Co., Ltd., Halifax, N.S.
107390	No. 1	Ottawa	Barge—Chd	1895	Ottawa, Ont.	64	5	20	5	5	0	57	L. E. Dufresne, *et al.*, J.O., Three Rivers, Que.
107615	No. 1	Ottawa	Barge—Chd	1893	Ostoboning Lake, Que.	37	0	16	0	3	2	14	H. F. McLachlin and Claude McLachlin, Arnprior, Ont.
103036	No. 1	Ottawa	Scow—Chd	1889	Mattawa, Ont.	63	0	14	6	3	6	35	Canadian Pacific Railway Co., Montreal, Que.
103637	No. 1	Ottawa	Barge—Chd	1894	Kippewa, Que.	50	0	13	0	3	0	31	Peter Whelen, Ottawa, Ont.
103845	No. 1	Ottawa	Barge—Chd	1895	Rockland, Ont.	91	8	20	2	5	3	74	W. C. Edwards & Co., Ltd., Rockland, Ont.
100520	No. 1	Parrsboro'	Schr—Glt	1893	St. John, N.B.	147	4	35	3	10	0	439	Cumberland Railway & Coal Co., Montreal, Que.
121931	No. 2	Halifax	Barge—Chd	1905	Dartmouth, N.S.	70	5	26	3	5	7	164	The Halifax Dredging Co., Ltd., Halifax, N.S.
103037	No. 2	Ottawa	Barge—Chd	1889	Mattawa, Ont.	63	0	14	6	3	6	35	Canadian Pacific Railway Co., Montreal, Que.
103638	No. 2	Ottawa	Barge—Chd	1895	Ostoboning, Que.	40	5	14	0	3	0	24	Peter Whelen, Ottawa, Ont.
121788	No. 2	Ottawa	Scow—Chd	1906	Hull, Que.	55	4	18	5	4	8	40	L. E. Dufresne, *et al.*, J.O., Three Rivers, Que.
103846	No. 2	Ottawa	Barge—Chd	1895	Rockland, Ont.	91	8	20	2	5	3	74	W. C. Edwards & Co., Ltd., Rockland, Ont.
100521	No. 2	Parrsboro'	Schr—Glt	1893	Black River, N.B.	146	2	35	3	10	0	435	Cumberland Railway & Coal Co., Montreal, Que.
103038	No. 3	Ottawa	Scow—Chd	1888	Mattawa, Ont.	55	0	16	0	3	4	25	Canadian Pacific Railway Co., Montreal, Que.

[1] Foreign name "No. 3." [2]Formerly "Polino" and a steamer.

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints: **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
100523	No. 3	Parrsboro'	Schr—Glt	1893	Gardner's Creek, N.B.	146 7	35 2	10 0	431	Cumberland Railway & Coal Co., Montreal, Que.
103039	No. 4	Ottawa	Scow—Chd	1888	Mattawa, Ont.	70 0	18 0	4 0	37	Canadian Pacific Railway Co., Montreal, Que.
100526	No. 4	Parrsboro'	Schr—Glt	1893	St. Martin's, N.B.	146 8	35 3	10 0	439	Cumberland Railway & Coal Co., Montreal, Que.
122227	No. 5	Montreal	Dredge—Drague	1904	Toronto, Ont.	90 2	30 0	7 2	271	The Randolph Macdonald Co., Ltd., Toronto, Ont.
107387	No. 5	Ottawa	Barge—Chd	1898	Hull, Que.	34 0	16 0	2 6	7	Hugh F. Cumming, Cornwall, Ont.
100529	No. 5	Parrsboro'	Schr—Glt	1893	Black River, N.B.	146 6	35 1	10 5	443	Cumberland Railway & Coal Co., Montreal, Que.
122228	No. 6	Montreal	Dredge—Drague	1902	Coteau du Lac, Que.	71 1	30 1	4 9	171	Gaspard Deserres, Montreal, Que.
112327	No. 6	Parrsboro'	Schr—Glt	1903	Parrsboro', N.S.	170 0	35 4	12 5	536	Cumberland Railway & Coal Co., Montreal, Que.
116324	No. 7	Parrsboro'	Schr—Glt	1903	Parrsboro', N.S.	170 0	35 4	12 5	536	Cumberland Railway & Coal Co., Montreal, Que.
107383	No. 31	Ottawa	Scow—Chd	1898	Hull, Que.	40 9	16 0	3 6	17	E. G. Laverdure, Ottawa, Ont.
107384	No. 33	Ottawa	Scow—Chd	1898	Hull, Que.	40 9	16 0	3 6	17	E. G. Laverdure, Ottawa, Ont.
117171	No. 41	Windsor, Ont.	Scow—Chd	1891	Saginaw, Mich., U.S.A.	112 5	25 5	8 6	247	A. F. Bowman, *et al.*, J.O., Southhampton, Ont.
117172	No. 42	Windsor, Ont.	Scow—Chd	1891	Saginaw, Mich., U.S.A.	112 5	25 3	8 6	245	A. F. Bowman, *et al.*, J.O., Southhampton, Ont.
126673	Number Forty Five	Port Arthur	Scow—Chd	1911	Port Arthur, Ont.	172 0	37 2	13 0	726	Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
126674	Number Forty Six	Port Arthur	Scow—Chd	1911	Port Arthur, Ont.	172 0	37 2	13 0	726	Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
107263	No. 1 Calumet	Ottawa	Barge—Chd	1898	Aylmer, Que.	51 5	12 2	3 0	32	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
107264	No. 2 Calumet	Ottawa	Barge—Chd	1898	Aylmer, Que.	51 5	12 2	3 0	32	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
107617	No. 5 Deep River	Ottawa	Barge—Chd	1899	Pembroke, Ont.	52 3	13 2	3 0	28	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
107618	No. 6 Deep River	Ottawa	Barge—Chd	1899	Pembroke, Ont.	52 3	13 2	3 0	28	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
107261	No. 1 Quyon	Ottawa	Barge—Chd	1898	Quyon, Que.	51 5	12 2	3 0	32	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
107262	No. 2 Quyon	Ottawa	Barge—Chd	1898	Quyon, Que.	51 5	12 2	3 0	32	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
115392	Nyanza	Charlottetown	Schr—Glt	1902	Belleoram, Nfld.	48 0	14 4	5 0	26	Alex. McKenzie, Murray Harbour, P.E.I.
122136	Nyctia	Yarmouth	Sloop	1905	Shag Harbour, N.S.	30 0	11 0	6 0	10	Edgar Adams, Shag Harbour, N.S.
59367	Nymp	St. Andrews	Schr—Glt	1875	Grand Manan, N.B.	34 0	12 5	4 8	11	Robert Spear, Eastport, Me., U.S.A.
126924	O. C.	Quebec	Schr—Glt	1907	Chateau Richer, Que.	70 4	22 4	6 8	54	Gedeon Lajoie, Chicoutimi, Que.
141016	O. F. No. 1	Vancouver	Scow—Chd	1911	Ocean Falls, B.C.	90 3	28 8	7 6	157	Pacific Mills Limited, Vancouver, B.C.
141017	O. F. No. 2	Vancouver	Scow—Chd	1911	Ocean Falls, B.C.	89 3	30 1	7 6	178	Pacific Mills Limited, Vancouver, B.C.
96770	O. L. B.	Charlottetown	Schr—Glt	1893	Cheticamp, N.S.	37 1	11 7	5 0	12	James McNeill, Malpeque, P.E.I.
54139	Ocean Belle	Halifax	Schr—Glt	1866	Chezzetcook, N.S.	41 8	14 7	6 1	20	E. McCallum, Bryon Island, M.I., Que.
121689	Ocean Belle	Shelburne	Sloop	1904	Cape Island, N.S.	33 0	11 0	6 0	10	Frank F. Hunter, Shelburne, N.S.
85632	Ocean Belle	Victoria	Schr—Glt	1883	Lunenburg, N.S.	74 4	22 5	9 2	87	Albert Berquist, Victoria, B.C.
83398	Ocean Child	Halifax	Schr—Glt	1879	Chezzetcook, N.S.	41 8	15 0	5 5	19	Geo. J. and W. H. R. Horne, Eastern Passage, N.S.
103485	Ocean Rover	Victoria	Schr—Glt	1896	Cordova Bay, B.C.	67 7	19 9	9 2	55	Sidney Inlet Fish Co., Limited, Victoria, B.C.
122104	Ocean Spray	Yarmouth	Sloop	1906	Cape Island, N.S.	30 0	11 5	6 0	11	Charles E. Atkinson, Cape Island, N.S.

103568	Octavie	Montreal	Barge—Chd	1896	Notre Dame de Pierreville, Que.	108 0	22 8	8 8	108	Ubald Lafreniere, Pierreville, Que.
133776	Oil Transport No. 1.	Victoria	Barge—Chd	1913	Victoria, B.C.	90 0	32 0	8 4	201	Victoria Machinery Depot Co., Ltd., Victoria, B.C.
130383	Old Glory	Amherstburg	Dredge—Drague	1894	Buffalo, N.Y., U.S.A.	84 0	31 6	7 5	199	John G. Mullen, Amherstburg, Ont.
94837	Olga	St. Andrews	Schr—Glt	1889	West Isles, N.B.	31 2	11 5	5 5	11	Lincoln Richardson, West Isles, N.B.
122451	Olga A	Yarmouth	Sloop	1906	Shelburne, N.S.	30 0	10 6	6 0	10	John E. White, Yarmouth, N.S.
138341	Olga B. Kenney	Halifax	Schr—Glt	1916	Sheet Harbour, N.S.	63 5	19 1	8 9	50	Robin, Jones & Whitman, Ltd., Halifax, N.S.
122055	Olive	Chatham, N.B.	Schr—Glt	1907	Shippigan Island, N.B.	37 4	13 0	5 6	14	Thomas H. Lanteigne, Caraquet, N.B.
107358	Olive A	Sydney, N.S.	Schr—Glt	1899	Scattarie, N.S.	42 0	14 2	7 0	19	Robert Spencer, Port Morien, N.S.
122044	Olive C	St. Andrews	Sloop	1906	Seeleys Cove, N.B.	41 3	16 0	7 0	26	Thomas Carter, Seeleys Cove, N.B.
61630	Olive J	Halifax	Schr—Glt	1881	Coddle's Harbour, N.S.	62 3	20 3	8 4	57	James Malcolm, Port Malcolm, N.S.
138312	Olive Long	Richibucto	Schr—Glt	1916	Point Sapin, N.B.	32 0	11 0	4 6	12	Wm. R. Long, Richibucto, N.B.
134181	[1]Olive Murray	St. John, N.B.	Sloop	1904	Eastport, Me., U.S.A.	37 6	14 4	6 5	22	Patrick and John Murray, Dipper Harbour, N.B.
112378	Olive S	Charlottetown	Schr—Glt	1902 1905	New Harbour, N.S. New Harbour, N.S.	44 0	14 6	6 0	26	Wm. D. Cooper, Tangier, N.S.
133966	Oliver F. Kilham	Digby	Schr—Glt	1908	Beverly, Mass., U.S.A.	81 0	21 0	9 6	51	Nathan LeMoine, Burgeo, Nfl'd.
92384	Oliver Mowat	Bowmanville	Schr—Glt	1873	Mill Haven, Ont.	116 0	23 8	9 8	170	William H. Peacock, Port Hope, Ont., and Wm. Savage, Picton, Ont.
85428	Olivia Abbey	St. Catharines	Scow—Chd	1884	Port Robinson, Ont.	100 0	23 0	5 0	88	John Bradley, Merritton, Ont.
134503	Olla G.	Canso	Schr—Glt	1917	New Harbour, N.S.	37 3	11 5	6 1	13	Everett Gillie M. O., New Harbour, N.S.
74398	Olympia	Toronto	Schr—Glt	1879	Bronté, Ont.	57 0	15 5	3 6	23	Joseph Blower, *et al.*, J.O., Port Credit, Ont.
107196	Omega	Winnipeg	Barge—Chd	1897	Kenora, Ont.	40 0	10 2	3 9	10	C. E. Neads, Kenora, Ont.
61916	Only Son	Liverpool	Schr—Glt	1871	East Port Medway, N.S.	39 0	14 5	6 0	16	Wilbert Young, *et al.*, Mill Cove, N.S.
94732	Only Son	Windsor, N.S.	Schr—Glt	1889	Isle Haute, N.S.	33 6	12 4	5 0	13	J. Gordon, Margaretsville, N.S.
77775	Ontario	Goderich	Schr—Glt	1867	Goderich, Ont.	105 0	23 0	9 5	150	Francis Granville, Southampton, Ont.
72190	Ontario	Windsor, N.S.	Barge—Chd	1876	Hantsport, N.S.	160 7	35 3	20 1	825	Gypsum Packet Co., Ltd., Windsor, N.S.
122052	Opal	Chatham, N.B.	Schr—Glt	1904	Shippigan Island, N.B.	35 0	12 4	4 4	10	Pierre Chiasson, Lamek, N.B.
134595	Operose	Paspebiac	Schr—Glt	1916	Grand River, Que.	42 3	13 2	3 9	14	Peter Beaudin, Grand River, Que.
121658	Ora Nickerson	Yarmouth	Sloop	1904	Tusket Wedge, N.S.	35 0	11 2	6 0	12	Wm. H. Nickerson, Tusket Wedge, N.S.
100245	Oracle	Halifax	Schr—Glt	1894	Sambro, N.S.	41 2	13 8	5 9	18	Stannage Publicover, West Dublin, N.S.
116500	Oreda	Lunenburg	Schr—Glt	1904	Lunenburg, N.S.	44 4	13 6	7 0	16	Henry Selig, M.O., Vogler's Cove, N.S.
103194	Oressa	Liverpool	Schr—Glt	1894	Port Mouton, N.S.	32 0	12 1	5 3	10	J. P. Smith, *et al.*, East Port Medway, N.S.
112120	Oressa Belle	Lunenburg	Schr—Glt	1903	Mahone Bay, N.S.	89 6	25 0	9 5	95	Walter J. Tuck, M.O., Fortune, Nfld.
103176	Orient	Shelburne	Schr—Glt	1890	Vogler's Cove, N.S.	30 8	11 1	5 2	10	Jas. A. Ringer, Little Harbour, N.S.
83422	Orinoco	Digby	Schr—Glt	1882	Gilbert Cove, N.S.	75 6	23 0	9 4	99	Alfred Morrell, Digby, N.S.
103004	Oriole	Chatham, N.B.	Schr—Glt	1890	Shippigan, N.B.	34 0	12 2	4 4	11	T. Ahier, Shippigan, N.B.
80970	Orion	Halifax	Schr—Glt	1881	Gabarouse, N.S.	43 6	15 2	5 8	24	Joseph Pelrine, sr., Larry's River, N.S.
112311	Oronhyatekha	St. Andrews	Schr—Glt	1902	Back Bay, N.B.	38 2	15 0	6 2	21	Miss Blanche McGee, Back Bay, N.B.
90439	Oscar F	Barrington Passage	Schr—Glt	1892	Bear Point, N.S.	43 5	13 5	5 7	18	David E. Loomer, Tiverton, N.S.
130940	Osiris	Montreal	Yawl—Yole	1912	Dorval, Que.	29 6	10 3	4 8	7	James B. Patterson, Montreal, Que.
88249	Osirus	Deseronto	Barge—Chd	1892	Deseronto, Ont.	109 5	26 5	6 1	106	P. Larkin, St. Catharines, Ont., and A. Sangster, Iroquois, Ont.
112285	Ospray	Digby	Schr—Glt	1902	Port Maitland, N.S.	32 6	10 6	6 0	16	W. H. Adams, Port Maitland, N.S.
103005	Osprey	Chatham, N.B.	Schr—Glt	1889	Shippigan, N.B.	33 0	12 6	4 4	10	T. Ahier, Shippigan, N.B.
130583	Oswald	Halifax	Schr—Glt	1911	Tancook, N.S.	45 0	13 6	6 8	20	James O. Christian, *et al.*, Prospect, N.S.
103395	Oswego	Deseronto	Barge—Chd	1903	Oswego, N.Y., U.S.A.	118 2	25 1	5 0	130	The Rathbun Co., Deseronto, Ont.
103268	Otis Miller	Dorchester	Schr—Glt	1896	Waterborough, N.B.	79 9	27 1	7 6	98	Wm. H. Ogilvie, Summerville, N.S.
111882	Otonabee	Peterboro'	Barge—Chd	1904	Peterboro', Ont.	76 0	17 6	5 0	55	Wm. Buller, Peterboro', Ont.
107736	Ottawa	Montreal	Dredge—Drague	1889	Cornwall, Ont.	76 5	26 2	6 6	130	Montreal General Contracting Co., Ltd., Montreal, Que.
103375	Otter	Winnipeg	Schr—Glt	1891	Fort Alexander, Man.	36 4	11 5	3 3	10	Robert Henderson, Fort Alexander, Man.
94954	Otto	Victoria	Schr—Glt	1889	Mahone Bay, N.S.	71 3	23 5	9 2	86	Victoria Sealing Co., Ltd., Victoria, B.C.
116679	Ouida	St. Andrews	Sloop	1896	West Isles, N.B.	37 7	13 0	5 0	17	Connors Bros., Ltd., Black's Harbour, N.B.
116296	Outlook	Charlottetown	Schr—Glt	1903	Souris, P.E.I.	44 0	13 0	6 2	21	F. G. Jordan, Murray Harbour, P.E.I.
133917	Overseer	Chatham, N.B.	Schr—Glt	1913	Lamek, N.B.	41 0	13 8	5 6	20	O. O. Chiasson and Leon Chiasson, Lamek, N.B.
134502	Owen A. Munroe	Canso	Schr—Glt	1915	Whitehaven, N.S.	42 0	11 1	6 3	12	Norman A. Munroe, Whitehaven, N.S.
138111	P. No. 2	New Westminster	Barge—Chd	1911	New Westminster, B.C.	90 0	30 0	7 0	166	Belyea and Co., Ltd., New Westminster, B.C.
111815	P. No. 3	Vancouver	Scow—Chd	1899	Vancouver, B.C.	40 8	18 0	4 0	29	Robert D. Paterson, Vancouver, B.C.

[1]Foreign name "Sadie."

Alphabetical List of Sailing Vessels on Registry Books in Canada December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F. —*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
130656	P. A. L.	Chatham, N.B.	Schr—Glt	1911	Caraquet, N.B.	38 0	14 0	6 0	17	Xavier A. Lanteigne, Caraquet, N.B.
126429	P. A. No. 1	Vancouver	Scow—Chd.	1909	New Westminster, B.C.	51 0	22 0	6 0	40	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
130306	P. A. No. 3	Vancouver	Scow—Chd.	1910	New Westminster, B.C.	62 6	26 1	5 5	82	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
130307	P. A. No. 4	Vancouver	Scow—Chd.	1910	North Vancouver, B.C.	73 4	28 2	6 7	125	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
141040	P. B. A. No. 1	Vancouver	Scow—Chd.	1914	Vancouver, B.C.	50 0	18 0	5 6	40	Peter B. Anderson, Vancouver, B.C.
126382	P. B. & Co., No. 1	Quebec	Barge—Chd.	1908	St. Thomas, Que.	130 0	30 0	7 3	245	Price Brothers & Co., Ltd., Quebec, Que.
126383	P. B. & Co., No. 2	Quebec	Barge—Chd.	1908	St. Thomas, Que.	130 0	30 0	7 3	245	Price Brothers & Co., Ltd., Quebec, Que.
130191	P. D. C. 2	New Westminster	Dredge–Drague	1909	New Westminster, B.C.	67 0	23 5	5 3	157	J. W. Pike, New Westminster, B.C.
130863	P. D. C. 3	New Westminster	Dredge–Drague	1908	New Westminster, B.C.	66 0	17 5	5 3	119	Joseph Wm. Pike, New Westminster, B.C.
130864	P. D. C. 4	New Westminster	Dredge–Drague	1909	New Westminster, B.C.	85 0	32 5	6 5	338	Grant & Macdonald, Ltd., Vancouver, B.C.
130492	P. D. C. 5	New Westminster	Dredge–Drague	1911	New Westminster, B.C.	71 3	19 7	6 0	149	Joseph Wm. Pike, New Westminster, B.C.
134103	P. D. Co. No. 1	Vancouver	Scow—Chd.		Portland, Me., U.S.A.	73 5	28 0	5 2	208	Pacific Construction Co., Ltd., Vancouver, B.C.
138170	P. D. Co. No. 4	Vancouver	Dredge—Drague	1904	Seattle, Wash., U.S.A.	115 5	36 6	11 4	515	Stuart Cameron, Vancouver, B.C.
140989	P. G. E. No. 1	New Westminster	Barge—Chd.			172 0	39 0	10 0	652	Pacific Great Eastern Railway Co., Ltd., Vancouver, B.C.
126497	P. L. S. No. 1	Montreal	Scow—Chd.	1905	Montreal, Que.	98 5	30 6	6 6	174	C. W. Sharp & Co., Ltd., Toronto, Ont.
126498	P. L. S. No. 2	Montreal	Scow—Chd.	1905	Montreal, Que.	88 5	26 5	6 6	134	The Randolph Macdonald Co., Ltd., Toronto, Ont.
126921	P. M.	Quebec	Sloop	1909	L'Islet, Que.	43 7	15 9	1 8	17	Joseph Lapierre, Montmagny, Que.
138787	P. R. & G. No. V	Victoria	Barge—Chd.	1912	Victoria, B.C.	100 0	32 2	8 0	210	Producers Rock & Gravel Co., Ltd., Victoria, B.C.
138778	P. R. & G. No. VI	Victoria	Barge—Chd.	1910	Vancouver, B.C.	90 0	30 0	6 9	147	Producers Rock & Gravel Co., Ltd., Victoria, B.C.
138782	P. R. & G. No. VII	Victoria	Barge—Chd.	1912	Vancouver, B.C.	90 0	29 8	7 4	160	Producers Rock & Gravel Co., Ltd., Victoria, B.C.
138783	P. R. & G. No. VIII	Victoria	Barge—Chd.	1912	Vancouver, B.C.	90 0	29 8	7 4	160	Producers Rock & Gravel Cor, Ltd., Victoria, B.C.
130602	P. R. & G. Co. 17	Victoria	Barge—Chd.	1911	Victoria, B.C.	88 8	30 1	8 0	174	Producers' Rock & Gravel Co., Ltd., Victoria, B.C.
134419	P. S. B. 3	Vancouver	Scow—Chd.	1910	Vancouver ,B.C.	76 4	30 0	7 3	147	The Progressive Steamboat Co., Ltd., Vancouver, B.C.
131157	P. S. B. 6	Vancouver	Scow—Chd.	1909	Vancouver, B.C.	89 0	32 0	7 4	202	Mrs. Wm. D. Grant, Vancouver, B.C.
126637	P. S. B. Co., No. 1	Vancouver	Scow—Chd.	1909	Vancouver, B.C.	74 0	30 2	7 2	154	The Progressive Steamboat Co., Ltd , Vancouver, B.C.
133705	P. S. B. Co., No. 2	Vancouver	Scow—Chd.	1910	North Vancouver, B.C.	81 5	29 8	7 7	180	The Progressive Steamboat Co., Ltd., Vancouver, B.C.
133706	P. S. B. Co., No. 5	Vancouver	Scow—Chd.	1910	Vancouver, B.C.	82 8	30 1	7 7	177	The Progressive Steamboat Co., Ltd., Vancouver, B.C.
131038	P.S.B.&D.Co., Dredge No. 1.	Vancouver	Dredge–Drague		Seattle, Wash., U.S.A.	119 0	31 2	8 7	484	Pacific Construction Co., Ltd., Vancouver, B.C.
133862	P. S. B. & D. Co., No.15.	Vancouver	Scow—Chd.	1913	Seattle, Wash., U.S.A.	46 0	19 5	5 0	35	West Coast Bridge & Dredging Co., Ltd., Vancouver, B.C.
112257	P. S. Co. I	Vancouver	Scow—Chd.	1903	Vancouver, B.C.	45 0	15 6	3 8	22	Packers' Steamship Co., Ltd., Vancouver, B.C.
112258	P. S. Co. II	Vancouver	Scow—Chd.	1903	Vancouver, B.C.	46 3	15 6	3 8	22	Packers' Steamship Co., Ltd., Vancouver, B.C.
112259	P. S. Co. III	Vancouver	Scow—Chd.	1903	Vancouver, B.C.	52 5	17 2	4 1	43	Packers' Steamship Co., Ltd., Vancouver, B.C.
116421	P. S. Co. IV	Vancouver	Scow—Chd.	1903	Vancouver, B.C.	49 7	16 2	4 2	27	Packers' Steamship Co., Ltd., Vancouver, B.C.
116422	P. S. Co. V	Vancouver	Scow—Chd.	1903	Vancouver, B.C.	51 0	18 2	4 2	33	Packers' Steamship Co., Ltd., Vancouver, B.C.

116423	P. S. Co. VI.	Vancouver	Scow—Chd.	1903	Vancouver, B.C.	42	0	16	1	4	2	22	Packers' Steamship Co., Ltd., Vancouver, B.C.
116426	P. S. Co. VII.	Vancouver	Scow—Chd.	1903	Vancouver, B.C.	48	0	16	1	4	1	25	Packers' Steamship Co., Ltd., Vancouver, B.C.
116427	P. S. Co. VIII.	Vancouver	Scow—Chd.	1903	Vancouver, B.C.	42	1	16	1	4	1	20	Packers' Steamship Co., Ltd., Vancouver, B.C.
116428	P. S. Co. IX.	Vancouver	Scow—Chd.	1903	Vancouver, B.C.	55	0	18	1	4	1	52	Packers' Steamship Co., Ltd., Vancouver, B.C.
116429	P. S. Co. X.	Vancouver	Scow—Chd.	1903	New Westminster, B.C.	50	0	16	0	4	0	29	Packers' Steamship Co., Ltd., Vancouver, B.C.
116430	P. S. Co. XI.	Vancouver	Scow—Chd.	1903	New Westminster, B.C.	50	0	16	0	4	0	29	Packers' Steamship Co., Ltd., Vancouver, B.C.
116431	P. S. Co. XII.	Vancouver	Scow—Chd.	1903	New Westminster, B.C.	50	0	16	0	4	0	29	Packers' Steamship Co., Ltd., Vancouver, B.C.
116432	P. S. Co. XIII.	Vancouver	Scow—Chd.	1903	New Westminster, B.C.	50	0	16	0	4	0	29	Packers' Steamship Co., Ltd., Vancouver, B.C.
116433	P. S. Co. XIV.	Vancouver	Scow—Chd.	1903	New Westminster, B.C.	50	0	16	0	4	0	29	Packers' Steamship Co., Ltd., Vancouver, B.C.
116434	P. S. Co. XV.	Vancouver	Scow—Chd.	1903	New Westminster, B.C.	56	0	17	0	4	1	35	Packers' Steamship Co., Ltd., Vancouver, B.C.
116435	P. S. Co. XVI.	Vancouver	Scow—Chd.	1903	New Westminster, B.C.	56	0	17	0	4	1	35	Packers' Steamship Co., Ltd., Vancouver, B.C.
116436	P. S. Co. XVII.	Vancouver	Scow—Chd.	1903	New Westminster, B.C.	60	0	18	0	4	2	42	Thomas R. McLay, Nanaimo, B.C.
116437	P. S. Co. XVIII.	Vancouver	Scow—Chd.	1903	New Westminster, B.C.	60	0	18	0	4	2	42	Packers' Steamship Co., Ltd., Vancouver, B.C.
116461	P. S. Co. XIX.	Vancouver	Scow—Chd.	1902	Vancouver, B.C.	75	2	28	0	6	0	101	Packers' Steamship Co., Ltd., Vancouver, B.C.
130919	P. S. Co. XX.	Vancouver	Scow—Chd.	1912	North Vancouver, B.C.	64	0	23	6	3	0	79	Packers' Steamship Co., Ltd., Vancouver, B.C.
133870	P. S. Co. XXI.	Vancouver	Scow—Chd.	1913	New Westminster, B.C.	53	5	18	2	4	0	35	Packers' Steamship Co., Ltd., Vancouver, B.C.
133871	P. S. Co. XXII.	Vancouver	Scow—Chd.	1913	New Westminster, B.C.	53	5	18	2	4	0	35	Packers' Steamship Co., Ltd., Vancouver, B.C.
134431	P. S. Co. XXIV.	Vancouver	Scow—Chd.	1915	North Vancouver, B.C.	67	0	24	0	5	5	186	Packers' Steamship Co., Ltd., Vancouver, B.C.
100904	P.T.S.	Chatham, N.B.	Schr—Glt.	1892	Caraquet, N.B.	34	0	12	3	4	6	11	Jos. N. LeBouthillier, Caraquet, N.B.
134187	P. W. D. No. 5	St. John, N.B.	Dredge—Drague	1906	Toronto, Ont.	131	4	44	2	8	4	797	The Minister of Public Works, Ottawa, Ont.
130346	P. W. D. No. 9	Charlottetown	Dredge—Drague	1906	Toronto, Ont.	90	0	36	0	8	0	368	The Minister of Public Works, Ottawa, Ont.
130347	P. W. D. No. 10	Charlottetown	Dredge—Drague	1871	Summerside, P.E.I.	81	0	24	0	7	2	244	The Minister of Public Works, Ottawa, Ont.
130348	P. W. D. No. 11	Charlottetown	Dredge—Drague	1911	Pugwash, N.S.	64	7	24	9	6	2	192	The Minister of Public Works, Ottawa, Ont.
133759	P. W. D. No. 12	St. John, N.B.	Dredge—Drague	1913	St. John, N.B.	110	0	32	0	8	1	435	The Minister of Public Works, Ottawa, Ont.
133950	P. W. D. No. 13	Ottawa	Dredge—Drague	1914	Ottawa, Ont.	90	0	35	0	7	8	404	The Minister of Public Works, Ottawa, Ont.
134531	P. W. D. No. 51	Ottawa	Scow—Chd.	1914	St. Joseph de Lévis, Que.	106	0	30	0	9	0	260	The Minister of Public Works, Ottawa, Ont.
134532	P. W. D. No. 52	Ottawa	Scow—Chd.	1914	St. Joseph de Lévis, Que.	106	0	30	0	9	0	260	The Minister of Public Works, Ottawa, Ont.
134533	P. W. D. No. 53	Ottawa	Scow—Chd.	1914	St. Joseph de Lévis, Que.	106	0	30	0	9	0	260	The Minister of Public Works, Ottawa, Ont.
134534	P. W. D. No. 54	Ottawa	Scow—Chd.	1914	St. Joseph de Lévis, Que.	106	0	30	0	9	0	260	The Minister of Public Works, Ottawa, Ont.
134535	P. W. D. No. 55	Ottawa	Scow—Chd.	1914	St. Joseph de Lévis, Que.	106	0	30	0	9	0	260	The Minister of Public Works, Ottawa, Ont.
134536	P. W. D. No. 56	Ottawa	Scow—Chd.	1914	St. Joseph de Lévis, Que.	106	0	30	0	9	0	260	The Minister of Public Works, Ottawa, Ont.
134537	P. W. D. No. 102	Ottawa	Dredge—Drague	1906	Buckingham, Que.	60	6	22	1	3	6	104	The Minister of Public Works, Ottawa, Ont.
134538	P. W. D. No. 103	Ottawa	Dredge- Drague	1909	Ottawa, Ont.	60	6	22	1	3	6	104	The Minister of Public Works, Ottawa, Ont.
138078	P. W. D. No. 106	Ottawa	Dredge--Drague			51	8	24	1	4	9	110	The Minister of Public Works, Ottawa, Ont.
131123	[2]P. W. D. No. 109	Ottawa	Dredge-Drague	1905	Duluth, Minn., U.S.A.	133	6	43	4	8	7	766	The Minister of Public Works, Ottawa, Ont.
131128	P. W. D. No. 110	Ottawa	Dredge-Drague	1896	Kingston, Ont.	103	4	40	6	8	4	458	The Minister of Public Works, Ottawa, Ont.
138066	P. W. D. No. 112	Ottawa	Dredge—Drague	1905	Sturgeon Falls, Ont.	66	6	21	9	7	2	161	The Minister of Public Works, Ottawa, Ont.
133941	[3]P. W. D. No. 114	Ottawa	Dredge Drague	1877 1911	Lockport, N.Y., U.S.A. Wallaceburg, Ont.	72	7	25	0	6	5	103	The Minister of Public Works, Ottawa, Ont.
134542	P. W. D. No. 115	Ottawa	Dredge--Drague	1907	Ottawa, Ont.	95	3	35	6	9	7	414	The Minister of Public Works, Ottawa, Ont.
131129	P. W. D. No. 116	Ottawa	Dredge--Drague	1904	Sorel, Que.	91	0	34	3	8	2	376	The Minister of Public Works, Ottawa, Ont.
112186	[4]P. W. D. No. 117	Toronto	Dredge Drague	1902 1909	Toronto, Ont. Toronto, Ont.	107	7	36	8	9	3	570	The Minister of Public Works, Ottawa, Ont.
138067	P. W. D. No. 118	Ottawa	Dredge—Drague	1902	Mattawa, Ont.	60	0	25	6	5	6	138	The Minister of Public Works, Ottawa, Ont.
138077	P. W. D. No. 119	Ottawa	Dredge—Drag.	1903	St. Johns, Que.	70	1	22	2	4	3	161	The Minister of Public Works, Ottawa, Ont.
133938	P. W. D. No. 120	Ottawa	Dredge--Drague	1899	Ottawa, Ont.	79	0	28	0	6	8	217	The Minister of Public Works, Ottawa, Ont.
134541	P. W. D. No. 121	Ottawa	Dredge--Drague	1906	Ottawa, Ont.	60	6	22	1	3	6	104	The Minister of Public Works, Ottawa, Ont.
133934	P. W. D. No. 123	Ottawa	Dredge--Drague	1913	Ottawa, Ont.	90	0	35	0	7	8	404	The Minister of Public Works, Ottawa, Ont.
134608	P. W. D. No. 202	Winnipeg	Dredge—Drague	1911	Selkirk, Man.	78	0	31	0	5	0	233	The Minister of Public Works, Ottawa, Ont.
134609	P. W. D. No. 204	Winnipeg	Dredge—Drague	1911	Selkirk, Man.	78	0	31	0	5	0	233	The Minister of Public Works, Ottawa, Ont.
134610	P. W. D. No. 208	Winnipeg	Dredge—Drague	1914	Selkirk, Man.	64	5	24	3	3	0	123	The Minister of Public Works, Ottawa, Ont.
138411	P. W. D. No. 210	Winnipeg	Dredge—Drague	1914	Winnipegosis, Man.	59	0	20	0	5	0	109	The Minister of Public Works, Ottawa, Ont.
134075	P. W. D. No. 313	Vancouver	Dredge--Drague	1913	North Vancouver, B.C.	76	0	35	0	6	0	208	The Minister of Public Works, Ottawa, Ont.
134539	P. W. D. Scow No. 117	Ottawa	Scow—Chd.	1913	Kingston, Ont.	141	0	32	9	8	7	398	The Minister of Public Works, Ottawa, Ont.
134540	P.W.D Scow No. 118	Ottawa	Scow—Chd.	1913	Kingston, Ont.	144	0	32	9	8	7	398	The Minister of Public Works, Ottawa, Ont.
107633	P. Co. No. 1	New Westminster	Barge—Chd.	1898	New Westminster, B.C.	60	0	14	0	3	0	23	Jas. D. Burn M.O., New Westminster, B.C.

[1]Foreign name "Tacoma." [2]Foreign name "Industry." [3]Formerly "Ontario". [4]Formerly "Sir Wilfred."

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107634	P. Co. No. 2	New Westminster	Barge—Chd	1898	New Westminster, B.C.	69 0	14 0	3 0	23	Jas. D. Burn, M.O., New Westminster, B.C.
88298	P. Cormier	Quebec	Barge—Chd	1884	St. Michel d'Yamaska, Que.	105 3	22 3	8 0	142	Mrs. Jeanne C. Cormier, Sorel, Que.
131135	P. Waters	Ottawa	Barge—Chd	1913	Hull, Que.	113 0	24 2	7 8	179	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
111866	P. Whelan	Ottawa	Barge—Chd	1902	Hull, Que.	108 5	23 6	8 0	146	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
111639	Pacific	Lunenburg	Schr—Glt	1901	Shelburne, N.S.	86 0	24 0	9 2	99	Robert Murray, M.O., Port Richmond, N.S.
134069	Pacific Coast Cable Co., No. 1.	Vancouver	Barge—Chd	1909	New Westminster, B.C.	72 4	28 0	7 4	137	British Columbia Telephone Co., Ltd., Vancouver, B.C.
100515	Packet	Parrsboro'	Schr—Glt	1892	Spencer's Island, N.S.	66 1	21 1	7 3	49	John E. Haynes, Harvey Bank, N.B.
80889	Paixham	St. Andrews	Schr—Glt	....	Isle Haute, Me., U.S.A.	31 0	10 0	4 8	9	T. H. Smith, West Isles, N.B.
100207	Palma	Chatham, N.B.	Schr—Glt	1892	Shippigan, N.B.	36 9	13 3	4 6	14	Thos. Ahier, Shippigan, N.B.
111725	Palmetto	Yarmouth	Schr—Glt	1901	La Have, N.S.	89 0	24 6	9 5	74	T. Geddes Grant, Ltd., Port of Spain, Trinidad, B.W.I.
92724	Paloma	Toronto	Barge—Chd	1885	Bobcaygeon, Ont.	99 0	22 7	5 6	122	Trent Valley Navigation Co., Ltd., Bobcaygeon, Ont.
126025	Pan Jam	Sydney, N.S.	Scow—Chd	1907	North Sydney, N.S.	101 4	28 2	6 8	41	The Dominion Coal Co., Ltd., Sydney, N.S.
100246	Panchita	Halifax	Schr—Glt	1866	San Felin, Spain	97 5	25 6	13 9	252	The Dominion Coal Co., Ltd., Sydney, N.S.
100078	Pandora	St. John, N.B.	Schr—Glt	1891	Greenwich, N.B.	83 6	27 0	7 3	98	Millage Kinnie, *et al.*, Waterside, N.B.
100241	Pansy	Halifax	Schr—Glt	1894	Mahone Bay, N.S.	47 6	16 8	6 8	32	Wm. Kennedy, M.O., Bay of Islands, Nfld.
126760	Paradis	Montreal	Sloop	1907	Lotbiniere, Que.	75 0	17 9	4 3	42	Alphonse Hamel, St. Jean Deschaillons, Que.
112352	Paradise Lost	Toronto	Scow—Chd	1907	Brockville, Ont.	70 0	20 3	4 0	44	Roger Miller & Sons, Ltd., Toronto, Ont.
100996	Parisian	Chatham, N.B.	Schr—Glt	1889	Shippigan, N.B.	34 0	12 6	4 4	10	Jos. W. Boudreau, M. O., Elm Tree, N.B.
90615	Parlee	Moncton	Schr—Glt	1855	Bucksport, Me., U.S.A.	96 9	25 2	8 5	124	John Cullinan, M.O., St. John, N.B.
107533	Pastime	St. John, N.B.	Sloop	1897	St. John, N.B.	24 3	8 6	2 7	3	E. D. N. Sears, St. John, N.B.
134598	Patch	Paspebiac	Schr—Glt	1915	Grand River, Que.	38 2	12 2	3 6	11	Celestien Trepanier, Grand River, Que.
100776	Patrick	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	36 0	12 2	5 0	11	P. Rive, Caraquet, N.B.
94857	Patriot	Port Hawkesbury	Schr—Glt	1890	Advocate, N.S.	84 5	26 1	7 8	97	Elias Sampson, River Bourgeois, N.S.
126580	Paul V	Port Hawkesbury	Schr—Glt	1911	Pleasant Bay, N.S.	43 8	12 2	6 7	14	Paul V. Boudreau, Cheticamp, N.S.
130671	Pauline L	Lunenburg	Schr—Glt	1906	Little Tancook, N.S.	43 6	10 8	6 6	15	Harold Ernst, Lunenburg, N.S.
137974	Pavillon I	Montreal	Scow..Chd	1915	Sherbrooke, Que.	57 5	23 8	1 2	14	Joseph O. Gagné, Sherbrooke, Que.
107317	Pearl	Halifax	Schr—Glt	1899	Wine Harbour, N.S.	48 8	15 5	6 7	30	Lewis Murphy, Pleasant Harbour, N.S.
112125	Pearl	Lunenburg	Schr—Glt	1903	La Have, N.S.	38 4	13 5	5 8	14	Michael Kinch and Parminus Lewis, Alberton, P.E.I.
76755	Pearl	St. John, N.B.	Schr—Glt	1889	Rexton, N.B.	62 6	22 6	6 1	55	Henry G. McDougall, St. George, N.B.
88215	Peep O'Day	Halifax	Schr—Glt	1878	Dover, N.S.	39 8	12 5	6 0	12	A. Publicover, Dover, N.S.
111712	Peerless	Lunenburg	Schr—Glt	1901	Lunenburg, N.S.	90 6	24 8	9 5	69	M. P. Camacho, sr., Georgetown, British Guiana.
103778	Pelican	Chatham, N.B.	Schr—Glt	1897	Shippigan, N.B.	36 7	12 3	5 2	13	Wm. Fruing & Co., Ltd., Jersey, C.I.
103994	Pelican	St. Andrews	Sloop	1896	Meteghan, N.S.	40 6	11 5	7 0	21	Lt.-Col., Martin A. Shee, Sunning Hill, Berks, England.
116930	Pelly	Victoria	Barge—Chd	1905	White Horse, Y.T.	106 0	31 3	5	169	British Yukon Navigation Co., Ltd., Vancouver, B.C.

126192	Peltier	Windsor, Ont	Dredge-Drague	1906	Sandwich, Ont	93 0	28 0	8 5	257	The Windsor Dredging Co., Ltd., Windsor, Ont.
133923	Pembina	Chatham, N.B.	Schr—Glt	1913	Lamek, N.B.	39 0	13 4	5 0	17	Jean Ache (son of Sinai), Lamek, N.B.
130246	Pepperell	Liverpool	Dredge--Drague	1911	Liverpool, N.S.	60 4	30 0	5 8	152	Atlantic Dredging Co., Ltd., Louisburg, N.S.
126589	Percival S. Parks	Gaspé	Schr—Glt	1910	LaHave, N.S.	96 8	25 6	10 6	109	Wilfred L. McDougald, Westmount, Que.
126037	Percy C	Liverpool	Schr—Glt	1909	Liverpool, N.S.	91 0	23 7	9 9	99	The "Percy C" Navigation Co., Ltd., Nalifax, N.S.
92518	Peril	St. Andrews	Schr—Glt	1888	Pennfield, N.B.	37 0	12 9	5 3	18	Charles A. Wadlin, *et al.*, J. O., Beaver Harbour, N.B.
130790	Perouche	Port Hawkesbury	Schr—Glt	1915	Grand Etang, N.S.	38 3	11 0	5 0	12	Simon P. Cormier, Grand Etang, N.S.
85451	Perseverance	Quebec	Schr—Glt	1877	Ste. Croix, Que.	65 8	20 6	5 8	48	Hermenegilde Caron, Tadousac, Que.
103122	Perseverance	St. Andrews	Schr—Glt	1895	St. Patrick, N.B.	48 6	16 9	4 8	21	Samuel A. Akerly, Pennfield, N.B.
97013	[1]Persia	Montreal	Barge—Chd	1873 1910	St. Catharines, Ont. Sorel, Que.	141 0	25 4	10 7	284	The Atlas Sand Co. Ltd., Montreal, Que.
107799	Pert	St. John, N.B.	Sloop	1897	St. John, N.B.	25 2	8 0	3 1	4	G .D. Coyle, St. John, N.B.
92386	Peruvian	Kingston	Sloop	1888	Seely's Bay, Ont.	97 0	18 0	4 5	54	Mathew Ryan, Smith's Falls, Ont.
116558	Pesaquid	Maitland	Schr—Glt	1909	Noel Shore, N.S.	93 8	26 8	7 9	113	Theodore Densmore, *et al.*, Noel Shore, N.S.
122022	Pescawha	Liverpool	Schr—Glt	1906	Liverpool, N.S.	90 0	23 0	9 4	98	The Canadian Fishing Co., Ltd., Vancouver, B.C.
126298	Petawawa	Canso	Schr—Glt	1912	Tancook, N.S.	56 2	14 7	7 4	33	Frank C. Lohnes, M.O., Canso, N.S.
122500	Peter England	Chatham, N.B.	Dredge--Drague	1902	Chatham, N.B.	37 0	12 0	2 5	10	Miramichi Dredging Co., Ltd., Newcastle, N.B.
121869	Petite	Lunenburg	Schr—Glt	1906	Mahone Bay, N.S.	65 6	29 4	7 8	61	Alexander Poirier, Poirierville, N.S.
37497	Petite Riviere	Liverpool	Schr—Glt	1857	Petite Riviere, N.S.	59 8	18 5	7 5	40	N. Swain, Barrington, N.S.
103764	Petrel	Chatham, N.B.	Schr—Glt	1896	Shippigan, N.B.	36 0	12 0	4 8	12	T. Ahier, Shippigan, N.B.
59327	Petrel	St. Andrews	Schr. Glt		Tremont, Me., U.S.A.	34 0	10 8	5 6	13	J. Wm. Holland, Lepreaux, N.B.
92588	Petrol	Gaspé	Schr—Glt	1894	Grand River, Que.	36 6	12 0	5 2	13	J. W. Leblanc, Grand River, Que.
100510	Phantom No. 2	Victoria	Scow—Chd	1891	Victoria, B.C.	70 0	26 0	6 0	77	J. A. Sayward, Victoria, B.C.
100870	Philip Kearney	Quebec	Barge—Chd	1881	Northumberland, N.Y., U.S.A.	94 8	18 4	8 2	119	Wm. Price, Quebec, Que.
116804	Philippe	Sorel	Barge—Chd	1905	Sorel, Que.	97 0	21 7	5 6	87	D. B. Smith, Montreal, Que.
80575	Philomen	Windsor, Ont	Schr—Glt	1882	Belle River, Ont.	69 0	17 2	3 6	38	H. Perreault, Detroit, Mich., U.S.A.
133838	Philomene C	Montreal	Sloop	1913	St. Aimé, Que.	54 1	15 9	4 4	25	J. B. Chamberland, Iberville, Que.
111924	Phin & Co. Scow No. 1.	Toronto	Scow—Chd	1894	Detroit, Mich., U.S.A.	77 5	20 0	6 2	81	Wm. E. Phin, Toronto, Ont.
111925	Phin & Co. Scow No. 2.	Toronto	Scow—Chd	1894	Detroit. Mich., U.S.A.	77 0	20 0	6 2	90	Wm. E. Phin, Toronto, Ont.
111926	Phin & Co. Scow No. 9.	Toronto	Scow—Chd	1896	Buffalo, N.Y., U.S.A.	80 0	18 0	9 0	115	Wm. E. Phin, Toronto, Ont.
131214	Phoebe Jordon	Sydney, N.S.	Schr—Glt	1911	South Ingonish, N.S.	40 6	11 8	7 8	15	John C. Williams, South Ingonish, N.S.
75445	Phoenix	Gaspé	Schr—Glt	1880	Esquimaux Point, Que.	45 5	17 1	6 9	28	Placide Vigneau, Esquimaux Point, Que.
130828	Phyllis L. Westhaver.	Lunenburg	Schr—Glt	1912	Lunenburg, N.S.	106 8	26 3	10 4	99	Mahlon Rodenhiser, M.O., Lunenburg, N.S.
121947	Pie X	Sorel	Sloop	1907	Yamaska, Que.	109 1	23 3	7 8	130	Adelard Beaudet, St. Jean des Chaillons, Que.
103663	Pike	Ottawa	Barge—Chd	1895	Kippewa, Que.	53 8	13 2	4 2	17	Alex. Lumsden, Ottawa, Ont.
72593	Pilot	Kingston	Schr—Glt	1866	Ailson, N.Y., U.S.A.	63 0	15 5	5 8	34	James Mahoney, Kingston, Ont.
112004	[2]Pineland	Annapolis Royal	Schr—Glt	1906	Granville Ferry, N.S.	162 0	35 3	12 0	399	Thomas Harling, Westmount, Que.
92595	Pioneer	Sydney, N.S.	Schr—Glt	1887	Little Bras d'Or, N.S.	36 0	11 6	5 2	9	Fred. Richard, Little Bras d'Or, N.S.
138153	Pioneer S. & G. Co. No. 11.	Vancouver	Scow—Chd	1911	Seattle, Wash., U.S.A.	133 7	40 0	12 6	645	Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.
80801	Plymouth	Windsor, N.S.	Bk—Bq	1879	Hantsport, N.S.	198 0	40 0	23 3	1,312	Gypsum Packet Co., Ltd., Windsor, N.S.
138288	Pokesudie Belle	Chatham, N.B.	Schr—Glt	1917	Caraquet, N.B.	40 0	12 0	4 3	13	John Michon, Caraquet, N.B.
88437	Polar Star	Halifax	Schr—Glt	1884	Sherbrooke, N.S.	49 5	17 1	7 2	29	Jas. McConnell, Port Hilford, N.S.
107315	Pollywog	Halifax	Sloop	1899	Dartmouth, N.S.	23 7	6 5	3 4	2	Frederick H. Waghorn, Halifax, N.S.
102822	Poltalloch	Victoria	Bk—Bq	1893	Belfast, G. B.	284 4	42 0	24 4	2,139	Ship Poltalloch Co., Ltd., Victoria, B.C.
107732	Pontiac	Kingston	Dredge--Drague	1890	Morrisburg, Ont.	82 7	26 0	6 8	135	W. J. Poupore, Montreal, Que.
103437	Pontiac	Ottawa	Barge—Chd	1889	Buckingham, Que.	54 0	18 7	4 4	33	W. J. Poupore, Montreal, Que.
126844	Ponton No. 1	Quebec	Scow—Chd	1910	Levis, Que.	99 3	49 2	6 5	293	Levis Ferry, Ltd., Levis, Que.
126845	Ponton No.. 2	Quebec	Scow—Chd	1910	Levis, Que.	99 3	49 1	6 5	291	Levis Ferry, Ltd., Levis, Que.
83473	Porpoise	St. Andrews	Schr—Glt	1860	Lubec, Me., U.S.A.	52 7	17 8	6 0	32	Thomas E. Spear, Seeleys Cove, N.B.
133745	Port Nelson	Toronto	Dredge--Drague	1913	Toronto, Ont.	180 0	43 0	9 9	904	The Minister of Railways and Canals, Ottawa, Ont.

[1]Formerly a steamer. [2]Formerly "Georgina Roop."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
83289	Portsmouth	Kingston	Barge—Chd	1872 1882	Kingston, Ont. Ottawa, Ont.	108 0	22 8	7 0	126	S. T. Easton, Ottawa, Ont.
122448	Possum	St. John, N.B.	Sloop	1899	Greenport, N.Y., U.S.A.	36 5	10 3	5 4	11	Harold B. Robinson, St. John, N.B.
138289	Pourboyante	Chatham, N.B.	Schr—Glt	1917	Caraquet, N.B.	36 0	12 8	5 0	13	W. S. Loggie, Co., Ltd., Chatham, N.B.
80055	Prescott	St. John, N.B.	Schr—Glt	1881	Calais, Me., U.S.A.	75 0	25 1	6 8	73	Thomas Antle, Parrsboro, N.S.
122623	Pride of the Fleet	Chatham, N.B.	Schr—Glt	1908	Caraquet, N.B.	44 0	14 7	6 5	24	Robin, Jones & Whitman, Ltd., Halifax, N.S.
134527	Pride of the North	Sydney, N.S.	Schr—Glt	1915	Cape North, N.S.	35 0	10 7	4 8	10	George McDonald, Ingonish Ferry, N.S., and Angus Hines, Ingonish, N.S.
92571	Primrose	Halifax	Schr—Glt	1887	Chester, N.S.	37 8	13 8	6 2	14	Fortune Cormier, Amherst, M.I., Que.
92663	Prince Edward	Ottawa	Schr—Glt	1887	Summerside, P.E.I.	47 4	15 0	5 6	18	L.H. McLean, Charlottetown, P.E.I.
125989	Prince Guy	Montreal	Dredge—Drague	1903	Montreal, Que.	99 5	35 0	7 2	261	William J. Poupore, Westmount, Que.
125990	Prince Louis	Montreal	Dredge—Drague	1902	Montreal, Que.	72 6	38 6	6 6	208	William J. Poupore, Westmount, Que.
126159	Prince Willie	Montreal	Dredge—Drague	1908	Sorel, Que.	99 6	35 3	7 1	258	The W. J. Poupore Co., Ltd., Montreal, Que.
77736	Princess	Digby	Schr—Glt	1879	Port Gilbert, N.S.	88 2	25 0	9 4	137	Jonas Morehouse, *et al.*, Brighton, N.S.
100219	Princess	Halifax	Schr—Glt	1889	Chezzetcook, N.S.	48 1	14 7	5 2	16	John Bellfontaine, Chezzetcook, N.S
78044	Princess Louise	Chatham, N.B.	Schr—Glt	1879	Chatham, N.B.	49 0	16 2	6 3	21	Arthur W. Wilburn, Chatham, N.B.
72682	Princess Louise	Vancouver	Barge. Chd	1869	New York, N.Y., U.S.A.	184 0	30 0	13 0	754	Britannia Mining & Smelting Co., Ltd., Britannia Beach, B.C.
116935	Princess Victoria	Victoria	Schr—Glt	1905	Massett, B.C.	55 0	16 0	6 0	17	Standard Fish & Fertilizer Co., Ltd., Vancouver, B.C
117165	Princess of Avon	Windsor, N.S.	Schr—Glt	1907	Horton, N.S.	80 0	24 6	8 8	74	Herbert C. Boyce, *et al.*, Bridgetown, Bdos.
111509	Priscilla	St. John, N.B.	Schr—Glt	1900	Newcastle, N.B.	81 6	27 0	7 6	102	Mrs. E. A. Newcomb, St. John, N.B.
42437	Progress	Gaspé	Schr—Glt	1872	Esquimaux Point, Que.	60 8	20 9	8 0	52	Nat. Boudreau, Esquimaux Point, Que.
94677	Progress	Halifax	Schr—Glt	1889	Spry Bay, N.S.	39 4	12 7	5 6	14	Robert Leslie, Halifax, N.S.
103977	Progress,	Quebec	Schr—Glt	1895	St. Siméon, Que.	64 4	21 0	7 4	56	A. Bellez, St. Siméon, Que.
111402	Protector	Lunenburg	Schr—Glt	1900	La Have, N.S.	93 2	24 5	9 4	95	John S. Martin, Port a Basque, Nfld.
96740	Providence	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	38 5	12 4	5 0	13	T. H. Le Bouthillier, Caraquet, N.B.
116974	Providence	Chatham, N.B.	Schr—Glt	1905	Caraquet, N.B.	40 4	13 8	5 8	18	M. Lanteigne, Caraquet, N.B.
85461	Providence	Quebec	Schr—Glt	1882	Gentilly, Que.	77 0	22 5	7 0	78	Jean Deslauriers, Quebec, Que.
103976	Providence	Quebec	Schr—Glt	1896	St. Siméon, Que.	31 5	16 8	6 5	33	H. N. Lavoie, Bic, Que.
130838	Province	Port Arthur	Scow—Chd	1911	Fort William, Ont.	162 0	40 0	10 0	580	The Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
131001	Provincial No. 1	St. John, N.B.	Dredge—Drague	1912	St. John, N. B.	70 1	26 6	6 1	168	James S. Gregory, St. John, N.B.
133864	Puget No. 11	Vancouver	Scow—Chd	1903	Seattle, Wash., U.S.A.	82 2	24 0	8 0	127	West Coast Bridge & Dredging Co., Ltd., Vancouver, B.C.
134061	Puget Sound	Vancouver	Dredge—Drague		U.S.A.	107 0	41 0	12 0	616	Pacific Dredging Co., Ltd., Vancouver, B.C.
122266	Pump Scow No. 1	Montreal	Scow—Chd	1906	Montreal, Que.	49 5	22 8	4 3	79	The Montreal Sand & Gravel Co., :Ltd., Montreal, Que.
122265	Pump Scow No. 2	Montreal	Scow—Chd	1906	Montreal, Que.	49 8	22 8	4 3	73	The Montreal Sand & Gravel, Co., Ltd., Montreal, Que.
126739	Pyrites	Vancouver	Barge—Chd	1910	North Vancouver, B.C.	89 0	28 2	9 3	207	The Barnet Lighterage Co., Ltd., Barnet, B.C.
103993	Pythian Knight	St. Andrews	Sloop	1897	Shelburne, N.S.	48 0	15 0	6 0	19	Frank Ingersoll Grand Manan, N.B.

134442	Q.H.C., No. 51	Quebec	Scow—Chd	1914	Toronto, Ont	108 0	28 0	8 7	241	Quebec Harbour Commissioners, Quebec, Que.
134443	Q.H.C., No. 52	Quebec	Scow—Chd	1914	Toronto, Ont	108 0	28 0	8 7	241	Quebec Harbour Commissioners, Quebec, Que.
134444	Q.H.C., No. 53	Quebec	Scow—Chd	1914	Toronto, Ont	108 0	28 0	8 7	241	Quebec Harbour Commissioners, Quebec, Que.
134445	Q.H.C., No. 54	Quebec	Scow—Chd	1914	Toronto, Ont	144 0	31 0	11 1	434	Quebec Harbour Commissioners, Quebec, Que.
134446	Q.H.C., No. 55	Quebec	Scow—Chd	1914	Toronto, Ont	144 0	31 0	11 1	434	Quebec Harbour Commissioners, Quebec, Que.
134447	Q.H.C., No. 56	Quebec	Scow—Chd	1914	Toronto, Ont	144 0	31 0	11 1	434	Quebec Harbour Commissioners, Quebec, Que.
134233	Q. & R. No. 1	Montreal	Dredge–Drague	1914	Montreal Quebec	110 1	35 1	6 8	431	Quinlan & Robertson, Ltd., Montreal, Que.
122198	Qualla	New Westminster	Barge—Chd	1908	New Westminster, B.C.	96 0	32 0	7 0	188	Vancouver Creosoting Co., Ltd., Vancouver, B.C.
111663	Quebec	Montreal	Schr—Glt	1901	Lévis, Que	206 2	40 0	14 6	989	Montreal Transportation Co., Ltd., Montreal, Que.
133977	Queensboro One	New Westminster	Barge—Chd	1913	New Westminster, B. C.	59 7	20 0	4 0	43	Marsh Hutton Powers Co. Ltd., New Westminster, B.C.
133978	Queensboro Two	New Westminster	Barge—Chd	1913	New Westminster, B. C.	60 4	16 0	4 3	38	Walter A. Gilley, New Westminster, B.C.
100057	Quetay	St. John, N.B.	Schr—Glt	1891	St. John, N.B.	94 4	26 2	7 5	123	Charles C. LeBlanc, *et al.*, Belliveau Cove, N.S.
88504	Quick Step	Sydney, N.S.	Schr—Glt	1883	Lingan, N.S.	40 0	13 0	5 9	15	John P. Shannon, Whiteside, N.S.
111471	Quickstep	Digby	Schr—Glt	1889	Essex, Mass., U.S.A.	91 0	24 0	10 2	83	David Sproule, Digby, N.S.
121682	Quickstep	Yarmouth	Sloop	1904	Clarke's Harbour, N.S.	32 0	10 6	6 0	10	William A. Loggett, White Point, N.S.
131215	Quincy	Sydney, N.S.	Dredge–Drague		U.S.A.	71 2	30 1	7 7	146	Atlantic Dredging Co., Ltd., Louisburg, N.S.
138264	Quinlan & Robertson Ltd., No. 2 (No. 43)	Quebec	Dredge–Drague	1916	Limoilou, Que	105 6	32 0	8 2	489	Quinlan & Robertson, Ltd., Montreal, Que.
134494	Quinnette	Quebec	Schr—Glt	1914	Capucins, Que	94 7	25 6	6 7	97	James Richardson Co., Ltd., St. Jerome de Matane, Que.
126129	Quinte Chief	Kingston	Drillboat	1908	Trenton, Ont	89 6	30 0	6 4	210	Robert Weddell, Trenton, Ont.
107904	Quoddy Queen	St. Andrews	Sloop	1899	Weymouth, N.S.	32 0	11 6	6 0	13	Charles H. Mathews, L'Etete, N.B.
131185	R. No. 1	Peterborough	Scow—Chd	1914	Peterborough, Ont	80 0	28 0	5 4	104	Claude H. Rogers, Peterborough, Ont.
131186	R. No. 2	Peterborough	Scow—Chd	1914	Peterborough, Ont	80 0	28 0	5 4	104	Claude H. Rogers, Peterborough, Ont.
141116	R. B. 2	Vancouver	Scow—Chd	1909	Vancouver, B.C.	85 3	28 0	6 3	356	Robert Bailey, Vancouver, B.C.
134418	R. & H. No. 1	Vancouver	Scow—Chd	1910	Vancouver, B.C.	59 2	24 0	5 7	73	James W. Hackett, Vancouver, B.C.
138729	R. F. No. 3	New Westminster	Scow—Chd	1912	New Westminster, B.C.	80 0	26 0	6 2	110	Robert Fenton, New Westminster, B.C.
138730	R. F. No. 4	New Westminster	Scow—Chd	1912	New Westminster, B.C.	80 0	26 0	6 2	110	Robert Fenton, New Westminster, B.C.
134112	R. F. No. 5	New Westminster	Barge—Chd	1913	New Westminster, B.C.	86 0	30 0	8 1	84	Robert Fenton, New Westminster, B.C.
138731	R. F. No. 6	New Westminster	Scow—Chd	1914	New Westminster, B.C.	86 0	30 0	7 9	175	Robert Fenton, New Westminster, B.C.
138285	R. J. W.	Chatham, N.B.	Schr—Glt	1917	Caraquet, N.B.	46 0	14 8	6 8	29	Robin Jones & Whitman, Ltd., Halifax, N.S.
122566	R. M. Co. Dredge No. 8.	Peterboro	Dredge–Drague	1909	Hastings, Ont.	79 0	28 6	6 7	151	The Randolph Macdonald Co., Ltd., Toronto, Ont.
134457	R. M. Co., Dredge No. 10.	Toronto	Dredge–Drague	1914	Welland, Ont.	107 0	36 0	8 0	386	The Randolph Macdonald Co., Ltd., Toronto, Ont.
126418	R. M. Co. No. 9 (The).	Toronto	Barge—Chd		U.S.A.	125 0	28 0	7 4	230	The Randolph Macdonald Co., Ltd., Toronto, Ont.
130319	R. M. & S. No. 1	Toronto	Scow—Chd	1902	Toronto, Ont.	100 0	28 0	7 5	174	Roger Miller & Sons, Ltd., Toronto, Ont.
130320	R. M. & S. No. 4	Toronto	Scow—Chd	1912	Toronto, Ont.	100 0	30 0	7 5	187	Roger Miller & Sons, Ltd., Toronto, Ont.
131081	R. M. & S. No. 5	Toronto	Scow—Chd	1912	Toronto, Ont.	100 0	30 0	7 5	187	Roger Miller & Sons, Ltd., Toronto, Ont.
131082	R. M. & S. No. 6	Toronto	Scow—Chd	1912	Toronto, Ont.	70 0	24 0	5 5	80	Roger Miller & Sons, Ltd., Toronto, Ont.
131083	R. M. & S. No. 7	Toronto	Scow—Chd	1912	Toronto, Ont.	62 0	23 0	5 6	78	Roger Miller & Sons, Ltd., Toronto, Ont.
134453	R. M. & S. No. 9	Toronto	Scow—Chd	1914	Toronto, Ont.	70 0	23 8	5 5	89	Roger Miller & Sons, Ltd., Toronto, Ont.
133749	R. M. & S. No. 14	Toronto	Scow—Chd	1914	Toronto, Ont.	100 0	35 0	6 8	195	Roger Miller & Sons, Ltd., Toronto, Ont.
133743	R. M. & S. Dredge 2	Toronto	Dredge–Drague	1913	Morrisburg, Ont.	87 2	31 5	7 1	210	Roger Miller & Sons, Ltd., Toronto, Ont.
130315	R. M. & S. Scow No. 2.	Toronto	Scow—Chd	1912	Morrisburg, Ont.	70 0	20 2	4 3	44	The Minister of Public Works, Ottawa, Ont.
130316	R. M. & S. Scow No. 3.	Toronto	Scow—Chd	1912	Morrisburg, Ont.	70 0	20 2	4 3	44	Roger Miller & Sons, Ltd., Toronto, Ont.
140909	R. P. L. No. 1	Vancouver	Scow—Chd	1912	Vancouver, B.C.	74 4	26 0	5 5	88	Rat Portage Lumber Co., Ltd., St. Boniface, Man.
107564	R. P. S.	Charlottetown	Schr—Glt	1899	Lower Economy, N.S.	70 8	23 0	8 0	74	Vibert and Joseph Salter, J.O., North Sydney, N.S.
74064	R. A. Smith	Windsor, Ont	Scow—Chd	1877	River Thames, Ont.	40 0	12 6	3 2	11	Horace Bartlett, Sarnia, Ont.
121881	R. G. Hervey	Yarmouth	Sloop	1906	Cape Island, N.S.	35 0	11 8	6 0	13	Mrs. Rosanna Neville, Halifax, N.S.
94847	R. H. Brown	Windsor, Ont.	Schr—Glt	1882	Marine City, Wisconsin, U.S.A.	63 0	17 2	6 2	51	John Cadarette, Belle River, Ont.
122233	R. H. Milford	Barrington Passage	Sloop	1907	Clarke's Harbour, N.S.	33 0	11 7	5 6	13	Isaiah S. Newell, Clarke's Harbour, N.S.
122020	R. L. Blackburn	Ottawa	Barge—Chd	1907	Hull, Que.	122 1	24 1	8 6	208	The Ottawa Transportation Co., Ltd., Ottawa, Ont.

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Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Manager Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
130817	R. L. Borden	Lunenburg	Schr—Glt	1911	Liverpool, N.S.	115 4	26 1	10 3	99	Archibald Himmelman, M.O., Rose Bay, N.S.
130506	R. L. Mackenzie	Shelburne	Schr—Glt	1912	East Jordan, N.S.	56 8	17 6	6 9	33	Ralph MacKenzie, M.O., East Jordan, N.S.
116649	R. M. Cox	Ottawa	Barge—Chd	1904	Hull, Que.	112 8	24 0	8 2	168	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
100474	R. Beatrice	Charlottetown	Schr—Glt	1892	Mahone Bay, N.S.	41 6	14 4	6 4	19	John Pelham, Janvrin's Cove, N.S.
138445	Racewel	Weymouth	Schr—Glt	1917	Meteghan River, N.S.	139 5	32 8	12 0	337	Clare Shipping Co. Ltd., Meteghan River, N.S.
122294	Rachel	Prince Albert	Dredge—Drague	1905	Prince Albert, Sask.	108 0	28 0	4 5	145	International Gold Dredging Co., Ltd., Ottawa, Ont.
130628	Racordo	Yarmouth	Schr—Glt	1913	Mavillette, N.S.	44 6	14 2	5 2	13	Geo. E. Doucette, Mavillette, N.S.
94796	Raeburn	Charlottetown	Schr—Glt	1893	Kingston, N.B.	76 4	22 3	8 9	74	William Trenholm, Lunenburg, N.S.
122528	Rainbow	Vancouver	Schr—Glt	1906	Campbell Island, B.C.	51 6	16 2	6 2	41	Frederick S. Carpenter, Campbell Island, B.C.
116936	Rainbow	Victoria	Barge—Chd	1905	Victoria, B.C.	70 0	26 3	3 4	54	Uzohiko Sakamato, Vancouver, B.C.
134633	Rainbow No. 2	Victoria	Barge—Chd	1915	North Vancouver, B.C.	83 0	26 0	3 7	61	The Western Transport Co., Ltd., Nanaimo, B.C.
90593	Ralph	Lunenburg	Schr—Glt	1885	Petite Rivière, N.S.	60 8	19 7	7 7	51	A. Wry, Buctouche, N.B.
130256	Ralph S. Parsons	Windsor, N.S.	Schr—Glt	1917	Cheverie, N.S.	155 2	33 8	12 0	394	Grace Co Ltd., Montreal, Que.
100820	Ranger	Barrington Passage	Schr—Glt	1895	Barrington, N.S.	36 0	11 6	4 2	11	Andrew Duncan, Clarke's Harbour, N.S.
41568	Ranger	Gaspé	Schr—Glt	1860	Sandy Beach, Que.	55 8	18 0	7 3	42	Joshua Gallant, Grandigue, N.B.
103287	Raven	Chatham, N.B.	Schr—Glt	1895	Shippigan, N.B.	35 0	12 3	4 8	11	T. Ahier, Shippigan, N.B.
122469	Raymond C.	Yarmouth	Sloop	1907	Cape Island, N.S.	33 0	11 0	6 0	11	Robert L. Newell, Cape Island, N.S.
122596	[1]Ready Now	St. Andrews	Schr—Glt	1859	Boston, Mass,. U.S.A.	50 5	15 8	5 8	18	Johnson Denton, Westport, N.S.
133967	Rebecca L. Macdonald.	Digby	Schr—Glt	1918	Meteghan, N.S.	187 0	36 0	16 0	762	Bank of British West Africa, Ltd., London, G.B.
72960	Red Bird	St. Catharines	Scow—Chd	1870	Hamilton, Ont.	64 6	17 3	4 4	39	H. Minnes, Welland, Ont.
96888	Red Island	Ottawa	Light-Ship			102 0	22 0	10 6	152	The Minister of Marine and Fisheries, Ottawa, Ont.
103272	Red Weasel	Chatham, N.B.	Schr—Glt	1893	Tracadie, N.B.	35 2	12 0	4 8	11	J. Young, Tracadie, N.B.
100775	Red Gauntlet	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	35 5	12 0	4 6	11	P. Rive, Caraquet, N.B.
88324	Redoutable	Quebec	Schr—Glt	1886	St. Alexis, Que.	64 0	20 4	8 3	67	A. W. Dolbel, Grand Grève, Que.
111705	[2]Reform	Lunenburg	Schr—Glt	1857	Essex, Mass., U.S.A.	68 0	19 7	7 6	58	David T. and Lubian T. Chiasson, Cheticamp, N.S.
130674	Reggie P. P.	Lunenburg	Schr—Glt	1910	Eastern Points, N.S.	40 0	10 5	5 6	11	Ephriam Rafuse, Martins Point, N.S.
103735	Regina	Parrsboro	Schr—Glt	1893	Port Greville, N.S.	76 0	23 7	6 5	74	James E. George, Parrsboro, N.S.
85748	Regina	Quebec	Schr—Glt	1883	Ste. Anne des Monts, Que.	71 5	22 4	7 9	79	Pierre Trepannier, Chateau Richer, Que.
103613	Regina	Quebec	Sloop	1894	Bay St. Paul, Que.	51 6	18 9	5 0	27	A. Lavoie, Bay St. Paul, Que.
122484	Regina	Quebec	Schr—Glt	1907	St. Fulgence, Que.	79 8	23 4	7 0	81	Alfred Parent, *et al.*, Cap Chat, Que.
107059	Reginald R.	Barrington Passage	Sloop	1903	Baccaro, N.S.	43 0	14 8	5 1	16	Allea Atkinson, Cape Island, N.S., and Wm. McMillan, Lockeport, N.S.
103706	Regine	Yarmouth	Sloop	1896	Pubnico, N.S.	35 7	12 5	5 8	10	S. E. Goodwin, Oak Park, N.S.
122038	Regine C.	Weymouth	Schr—Glt	1910	Meteghan River, N.S.	56 0	17 8	7 0	37	Ambrose H. Comeau, Meteghan River, N.S.
137914	Reine Marie	Chatham, N.B.	Schr—Glt	1915	Caraquet, N.B.	43 0	14 0	6 0	20	Patrick E. Lateigne, Caraquet, N.B.

42707	Reine Victoria	Quebec	Schr—Glt	1859	Batiscan, Que	96 0	22 5	6 4	87	Omer Lafleur, Ste. Croix, Que.
77599	Reine des Anges	Quebec	Sloop	1879	St. Marcel, Que	87 5	21 0	5 4	73	A. Hamel, Lotbinière, Que.
116749	Reliance	Halifax	Schr—Glt	1905	Tancook, N.S.	43 0	11 8	6 0	14	Geo. Slaunwhite, Terrence Bay, N.S.
122128	Reliance	Halifax	Schr—Glt	1907	Dartmouth, N.S.	45 0	12 8	5 9	18	Robin, Jones & Whitman, Ltd., Halifax, N.S.
116337	Reliance	Ottawa	Barge—Chd	1903	Barry's Bay, Ont.	40 4	11 2	3 0	65	Ontario Corundum Co., Ltd., Ottawa, Ont.
134322	Remon	Chatham, N.B.	Schr—Glt	1914 1916	Caraquet, N.B. Shippigan, N.B.	40 0	11 8	5 0	14	John G. Robichaud, Shippigan, N.B., and Joseph Therian, Caraquet, N.B.
103586	Remus	Chatham, N.B.	Schr—Glt	1896	Shippigan, N.B.	39 3	13 0	5 6	17	W. S. Loggie Co., Ltd., Chatham, N.B.
107806	Rena F	St. John, N.B.	Sloop	1898	Deer Island, N.B.	38 0	13 5	5 0	12	Melvin Morse, Grand Manan, N.B.
107785	Rene	Ottawa	Scow—Chd	1895	Hull, Que.	40 3	16 0	2 6	10	E. G. Laverdure, Ottawa, Ont
138613	Reno Duguay	Chatham, N.B.	Schr—Glt	1917	Shippigan, N.B.	40 0	12 0	5 0	11	Sylvain Duguay, Shippigan, N.B.
100952	Replevin	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	36 6	12 3	4 2	10	W. S. Loggie Co., Ltd,. Chatham, N.B.
77787	Rescue	Halifax	Schr—Glt	1881	East Port Medway, N.S.	42 9	14 6	6 2	20	John W. Alley, Halifax, N.S., and Alexander McDonald, Dartmouth, N.S.
107547	Reta & Rhoda	St. John, N.B.	Sloop	1895	St. John, N.B.	38 4	13 0	4 0	11	Isaac Newton, Grand Harbour, Grand Manan, N.B.
112024	Reta S.	Canso	Schr—Glt	1903	Queensport, N.S.	36 6	12 4	6 2	13	William Schrider, Canso, N.S.
111521	Retta E.	Digby	Schr—Glt	1895	Cape St. Mary, N.S.	32 5	10 5	5 0	10	John A. Doucette, Cape St. Mary's, N.S.
130478	Review	Lunenburg	Schr—Glt	1911	LaHave, N.S.	72 0	22 8	9 2	74	J. Norman Rafuse, *et al.*, La Have, N.S.
103078	Reward	Chatham, N.B.	Schr—Glt	1894	Shippigan, N.B.	37 6	13 0	5 3	13	Lange Albert, Caraquet, N.B.
85600	Rex	St. John, N.B.	Schr—Glt	1883	St. Martins, N.B.	66 4	22 5	6 8	58	James Hyslop, *et al.*, Albert, N.B.
107907	Rhoda G.	St. Andrews	Sloop	1891	St. John, N.B.	24 0	9 4	5 6	8	Hantford Small, Grand Manan, N.B.
92320	Rialto	Shelburne	Schr—Glt	1888	Liverpool, N.S.	60 0	20 0	7 5	46	Arthur Campbell, St. Anns, N.S.
111967	[3]Rickarton	Picton, Ont.	Schr—Glt	1890	Marine City, Mich., U. S. A.	222 0	36 0	22 0	1,114	Canada Steamship Lines, Ltd., Montreal, Que.
138837	Richard B. Silver	Lunenburg	Schr—Glt	1918	Meteghan River, N.S.	142 2	34 6	13 0	400	Henry W. Adams, Lunenburg, N.S.
37172	Richard Simonds	St. John, N.B.	Schr—Glt	1861	Portland, N.B.	70 2	19 8	7 5	45	Jos. L. Clevand, Margaretsville, N.S.
72059	Richm ond Queen	Halifax	Schr—Glt	1877	Little River, N.S.	35 4	16 7	15 3	37	Arsène Doucet, Grand Etang, N.S.
100932	Rideau	Ottawa	Dredge—Drague	1889	Welland, Ont.	70 8	25 4	4 4	137	The Minister of Railways and Canals, Ottawa, Ont.
122466	Rilla May	Yarmouth	Sloop	1907	Cape Island, N.S.	33 6	11 3	6 0	12	Levi J. Nickerson, Cape Island, N.S.
75763	Ripple	Arichat	Schr—Glt	1877	Port Medway, N.S.	39 4	15 2	5 3	17	Daniel McDonald, Port Richmond, N.S.
48358	Ripple	Guysboro'	Schr—Glt	1864	Indian Harbour, N.S.	46 0	15 0	5 5	21	W. R. Cutler, Arichat, N.S.
107537	Ripple	St. John, N.B.	Schr—Glt	1898	Canning, N.B.	56 9	21 3	5 7	41	A. E. Flower, Canning, N.B.
75591	Rise and Go	St. Andrews	Schr—Glt	1877	Clare, N.S.	43 0	14 9	5 1	16	W. O'Brien, Campobello, N.B.
75575	Rising Dawn	Lunenburg	Schr—Glt	1877	LaHave, N.S.	42 0	15 0	5 4	18	Rufus E. Dickie, Stewiacke, N.S.
96806	Rising Sun	Halifax	Schr—Glt	1891	Chezzetcook, N.S.	47 3	17 4	6 5	28	R. Christian, Prospect, N.S.
97191	Rita	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	35 4	12 3	5 0	12	Robin, Jones & Whitman, Ltd., Halifax, N S.
88223	River Belle	Halifax	Schr—Glt	1881	Clyde River, N.S.	32 5	12 3	5 5	11	John D. Christian, Upper Prospect, N.S.
111470	River Branch	Chatham, N.B.	Schr—Glt	1901	Shippigan, N.B.	36 9	12 6	4 3	11	Wm. Fruing & Co., Ltd., Jersey, C.I.
57688	River Dale	Halifax	Schr—Glt	1868	La Have, N.S.	59 6	19 3	7 4	48	Thomas Adams, sr., Gaspe, Que.
75547	River Rose	Barrington Passage	Schr—Glt	1878	Port Clyde, N.S.	37 0	14 4	5 9	13	Walter Coggins, Westport, N.S.
112372	River Swan	Arichat	Schr—Glt	1901	Tor Bay, N.S.	33 0	11 4	5 0	11	John J. McKenzie, Canso, N.S.
85590	Riverdale	St. John, N.B.	Schr—Glt	1883	Waterborough, N.B.	75 3	26 3	7 0	84	T. W. Parker, Cumberland Bay, N.B.
111648	Riviera	Lunenburg	Schr—Glt	1901	Shelburne, N.S.	88 0	24 0	9 4	96	Thomas Gagnon, Arichat, N.S.
100319	Rob Roy	Yarmouth	Schr—Glt	1888	Lockeport, N.S.	41 0	13 4	5 0	12	Freeman Lowe, Cape Island, N.S.
100566	Rob S.	Halifax	Schr—Glt	1892	Mahone Bay, N.S.	42 0	14 6	6 4	21	W. W. Lewis, Louisburg, N.S.
134398	Robert J. Dale	Lunenburg	Schr—Glt	1914	Liverpool, N.S.	113 2	28 6	10 4	198	David Ritcey, M.O., La Have, N.S.
126093	Robert R. Christian	St. Catharines	Barge—Chd		U.S.A.	93 9	17 7	8 3	107	George R. Smith, Dunnville, Ont.
103946	Robin	Chatham, N.B.	Schr. Glt	1899	Caraquet, N.B.	38 0	12 8	5 0	12	Robin, Jones & Whitman, Ltd., Halifax, N.S.
107544	Robin Hood	St. John, N.B.	Sloop	1898	Yarmouth, N.S.	23 7	9 0	3 2	5	T. T. Lantalun, St. John, N.B.
130874	[4]Robson	New Westminster	Dredge—Drague	1901	Portland, Ore., U.S.A.	133 0	29 0	6 0	464	Pacific Construction Co., Ltd., Vancouver, B.C.
122568	Rock Breaker No. 1	Peterboro	Scow—Chd	1908	Campbellford, Ont.	99 0	29 0	5 1	146	Frederick D. Brown, Toronto, Ont., and John A. Aylmer, Peterboro, Ont., J.O.
130895	Rock Cutter P. W. D. No. 1	Victoria	Dredge—Drague	1911	Victoria, B.C.	100 0	36 5	7 6	222	The Minister of Public Works, Ottawa, Ont.
122418	Rock King	Midland	Dredge—Drague	1909	Welland, Ont.	101 0	30 0	8 0	401	The Canadian Dredge & Construction Co., Ltd., Midland, Ont.
117095	Rodrid Grace	Arichat	Schr—Glt	1906	L'Ardoise, N.S.	43 0	12 5	6 0	17	Helaire and Raymond Samson, Petit de Grat, N.S.
116808	Roland	Sorel	Sloop	1906	Sorel, Que.	103 2	23 0	7 0	121	Conrad Lafrenière, Pierreville, Que.

[1]Foreign name "Effort." [2]Formerly "Humboldt" [3]Formerly "Chippewa." [4]Foreign name "Beaver."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

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130480	Roland A. T..	Lunenburg	Schr—Glt	1909	Tancook, N.S.	41 0	10 3	5 2	11	Milton and Henry Tanner, Lunenburg, N.S.
112326	Rolf	Parrsboro'	Schr—Glt	1902	Port Greville, N.S.	65 0	20 1	6 9	54	Leonard A. Rowe, Parrsboro, N.S.
75446	[1]Romaine	Montreal	Schr—Glt	1881	Gaspé, Que	64 5	20 6	9 3	65	Schooner Romaine, Ltd., Montreal, Que.
103358	Romeo	Quebec	Sloop	1895	Bic, Que.	38 5	14 4	5 1	22	G. F. Gibsone, Quebec, Que.
100073	Romeo	St. John, N.B.	Schr—Glt	1891	Cambridge, N.B.	84 4	28 9	7 4	111	Peter McIntyre, St. John, N.B.
103587	Romulus	Chatham, N.B.	Schr—Glt	1896	Shippigan, N.B.	39 0	13 7	5 7	19	W. S. Loggie Co., Ltd., Chatham, N.B.
121856	Ronald G. Smith	Lunenburg	Schr—Glt	1906	Lunenburg, N.S.	100 0	26 0	10 3	100	Arthur S. Rendall, St. Johns, Nfld.
92404	Rosa	Chatham, N.B.	Schr—Glt	1886	Shippigan, N.B.	36 2	13 4	5 0	17	F. V. Lanteigne, Caraquet, N.B.
122576	Rosa Georgina	Yarmouth	Schr—Glt	1907	Surettes Island, N.S.	46 0	17 4	8 6	35	Hilaire Saulnier, Meteghan, N.S.
100908	Rosalie	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	35 5	12 5	4 4	10	Philip Rive, Caraquet, N.B.
103592	Rosamond	Charlottetown	Schr—Glt	1896	North Rustico, P.E.I.	42 0	14 1	5 5	18	Phil. Frigault, Miscou Centre, N.B.
111834	Rosan	Digby	Schr—Glt	1898	Cape St. Mary, N.S.	32 4	10 9	5 0	11	John A. Doucette, Cape St. Mary, N.S.
116227	Rosaria	Quebec	Schr—Glt	1902	Isle aux Coudres, Que.	43 2	13 6	5 0	18	Noel Dufour, Isle aux Coudres, Que.
107536	Rose	St. John, N.B.	Sloop	1893	St. John, N.B.	25 0	10 0	3 0	5	Alder Evans, St. John, N.B.
134529	Rose Eileen	Sydney, N.S.	Schr—Glt	1915	Port Morien, N.S.	37 1	10 6	6 0	10	William Shea, Port Morien, N.S.
103978	Rose Mystérieuse	Quebec	Schr—Glt	1896	Les Ecureuils, Que.	55 8	17 0	5 9	39	Amable Fournier, Montmagny, Que.
111799	Rosie G	Port Hawkesbury	Schr—Glt	1908	Little Lorraine, N.S.	38 7	12 4	6 2	16	Joseph O'Toole, Louisburg, N.S.
126823	Rosie L	Lunenburg	Schr—Glt	1910	Tancook, N.S.	47 6	13 2	6 7	20	George Little, Terence Bay, N.S.
116272	Rosie M. B	Halifax	Schr—Glt	1903	Grand Desert, N.S.	70 8	21 7	2 2	75	Anselm Sampson, *et al.*, River Bourgeois, N.S.
107265	Ross Point Ferry boat.	Ottawa	Horse ferry	1891	Arnprior, Ont.	45 2	22 8	9 2	16	A. J. Campbell, Arnprior, Ont.
100668	Round Islander	Kingston	Barge—Chd	1895	Verona, Ont.	40 8	12 4	3 6	14	Henry Bauder, Verona, Ont.
103391	Rover	Deseronto	Schr—Glt	1894	Napanee, Ont.	42 0	15 0	4 6	13	John Rowley, Kingston, Ont.
85702	Rover	Wallaceburg	Schr—Glt	1884	Wallaceburg, Ont.	75 7	18 0	5 3	46	Geo. Travis, Wallaceburg, Ont.
53551	Roving Bird	Halifax	Schr—Glt	1865	Chezzetcook, N.S.	44 9	15 1	6 4	24	Frederick J. Hyson, Mahone Bay, N.S.
126816	Rowdy	Lunenburg	Sloop	1910	Lunenburg, N.S.	24 6	7 8	3 6	4	F. Homer Zwicker, Lunenburg, N.S.
100539	Rowena	Digby	Schr—Glt	1891	Digby, N.S.	35 0	12 2	5 2	10	Orbin Sproul, *et al.*, Digby, N.S.
79994	[4]Rowena	St. John, N.B.	Schr—Glt	1879	Canning, N.B.	73 6	25 6	6 6	84	Mrs. A. P. Ward, Sackville, N.B.
111835	Roxana	Digby	Sloop	1899	Pubnico, N.S.	32 5	10 0	5 5	11	Ainslie Titus, Westport, N.S.
121653	Royal	Yarmouth	Schr—Glt	1904	Tusket Wedge, N.S.	33 4	10 6	6 0	10	Geo. Boudreau, Tusket Wedge, N.S.
116975	Ruby	Chatham, N.B.	Barge—Chd	1905	Parrsboro, N.S.	59 8	22 0	6 2	53	A. Loggie, *et al.*, J. O., Dalhousie, N.B.
107500	Ruby	Quebec	Sloop	1897	St. Siméon, Que.	37 2	15 5	4 4	14	Henry Savard, St. Siméon, Que.
100090	Ruby	St. John, N.B.	Schr—Glt	1892	Greenwich, N.B.	40 5	14 7	4 8	15	Harry E. Ogilvie, Parrsboro, N.S.
100773	Rupert	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	36 4	12 6	4 8	12	P. Rive, Caraquet, N.B.
103273	Russel	Chatham, N.B.	Schr—Glt	1894	Miscou, N.B.	36 2	12 4	4 8	10	J. M. Ward, Miscou, N.B.
122621	Rustic	Chatham, N.B.	Schr—Glt	1907	Rexton, N.B.	33 0	11 0	4 6	10	Jacob M. Hebert, Shediac, N.B.

107772	Ruth	Chatham, N.B	Barge—Chd	1875	Lilliesand, Norway	138 0	30 0	17 0	448	The Dominion Coal Co., Ltd., Sydney, N.S.
138550	Ruth, D. Adams	Lunenburg	Schr—Glt	1917	Chester Basin, N.S	108 4	26 2	10 4	100	William Duff, M.O., Lunenburg, N. S.
96727	Ryse	Chatham, N.B	Schr—Glt	1889	Shippigan, N.B	36 2	12 3	4 6	11	Sinai Ache, Shippigan, N.B.
116771	S. 1	Vancouver	Scow—Chd	1903	Vancouver, B.C	43 0	22 7	3 7	28	Albert E. Stevens, Moodyville, B.C.
116772	S. 2	Vancouver	Scow—Chd	1902	Vancouver, B.C	50 0	19 0	3 0	21	Albert E. Stevens, Moodyville, B.C.
116773	S. 3	Vancouver	Scow—Chd	1898	Vancouver, B.C	47 0	22 2	3 7	38	Albert E. Stevens, Moodyville, B.C.
107909	S. B	St. Andrews	Sloop	1890	St. John, N.B	30 0	11 3	5 0	12	Shadrack Bancroft, Grand Manan, N.B
134109	[2]S. E. W. No. 1	Vancouver	Scow..Chd	1910	Seattle, Wash., U.S.A	55 0	23 0	4 6	114	Standard Electric Welding Co., Ltd., Vancouver, B.C.
116952	S. O. Co. No. 41	Sarnia	Barge—Chd	1903	Pt. Richmond, U.S.A	156 6	30 0	12 0	481	The Imperial Oil Co., Ltd., Sarnia, Ont..
140974	S. P. R. No. 1	New Westminster	Scow—Chd	1912	New Westminster, B.C	85 0	28 1	6 9	142	Mrs. Isabella Stead and Robert Parsons, New Westminster, B.C.
140975	S. S. P. No. 3	New Westminster	Scow—Chd	1912	New Westminster, B.C	79 0	25 8	6 9	121	Robert Parsons and Mrs. Isabella Stead, New Westminster, B.C.
138355	S. S. & G. No. 1	Vancouver	Dredge—Drague	1913	Sapperton, B.C	94 0	32 9	8 0	212	Vancouver Gas Co., Ltd., Vancouver, B.C.
122411	S. T. Co. No. 1	St. John, N.B	Schr—Glt	1907	Salmon River, N.B	170 6	38 3	12 6	565	Maurice H. Tufts, Salmon River, N.B.
126281	S. T. Co. No. 3	St. John, N.B	Schr—Glt	1908	Great Salmon River, N.B	175 3	38 5	12 6	623	Maurice H. Tufts, Salmon River, N.B.
107293	S. V. H	Annapolis Royal	Schr—Glt	1900	Digby, N.S	67 8	20 3	6 5	49	Harmon Irvin, Scott's Bay, N.S.
117044	S. B. Millard	Yarmouth	Schr—Glt	1905	Pubnico, N.S	42 0	14 7	7 5	20	The Yarmouth Trading Co., Ltd., Yarmouth, N.S.
130357	S. D. Boudrot	Arichat	Schr—Glt	1914	French Cove, N.S	34 0	12 0	5 6	11	Amie C. Boudrot, Poulamond, N.S.
126134	S. M. Columba	Halifax	Schr—Glt	1908	Shelburne, N.S	72 0	21 0	9 6	63	John Hayes, M.O., Halifax, N.S.
134359	S. McN. L. Derrick	Montreal	Scow—Chd	1914	Sorel, Que	96 5	27 6	4 0	84	The Sincennes-McNaughton Line, Ltd., Montreal, Que.
	Scow.									
137630	Sabine	St. Andrews	Schr—Glt	1855 1872	Parrsboro, N.S	53 2	19 8	8 0	50	Joseph Bennett, Boston, Mass., U.S.A.
74139	Sadie	Halifax	Schr—Glt	1876	La Have, N.S	58 0	19 3	7 5	44	Isaiah Fougère, Larry's River, N.S.
138828	Sadie A. Knickle	Lunenburg	Schr—Glt	1918	Liverpool, N.S	113 2	25 8	10 4	97	Roland Knickle, M.O., Lunenburg, N.S.
122307	Sadie H	Lunenburg	Schr—Glt	1907	Tancook, N.S	45 8	12 8	6 6	17	H. J. Balcom, Port Dufferin, N.S.
92608	Sadie M	Sydney, N.S	Schr—Glt	1889	Ingonish, N.S	32 0	12 9	5 3	11	D. McLeod, Ingonish, N.S.
130900	Sadie No. 1	Victoria	Barge—Chd	1912	Victoria, B.C	90 0	32 0	8 0	183	Victoria Tug Co., Ltd., Victoria, B.C.
133681	Sadie No. 2	Victoria	Barge—Chd	1912	Victoria, B. C	90 0	32 0	8 0	183	Victoria Tug Co., Ltd., Victoria, B.C.
111771	Sadie No. 3	Victoria	Barge—Chd	1901	Vancouver, B.C	90 0	28 0	6 6	108	Victoria Tug Co., Ltd., Victoria, B.C.
134637	Sadie No. 4	Victoria	Barge—Chd	1913	Victoria, B.C	90 0	32 0	8 0	183	Victoria Tug Co., Ltd., Victoria, B.C.
116940	Sadie No. 5	Victoria	Barge—Chd	1904	Vancouver, B.C	90 0	28 0	6 6	108	Victoria Tug Co., Ltd., Victoria, B.C.
133682	Sadie No. 6	Victoria	Barge—Chd	1910	Victoria, B.C	98 0	32 0	8 0	204	Victoria Tug Co., Ltd., Victoria, B.C.
133683	Sadie No. 7	Victoria	Barge—Chd	1910	Victoria, B.C	98 0	32 0	8 0	204	Victoria Tug Co., Ltd., Victoria, B.C.
133684	Sadie No. 8	Victoria	Barge—Chd	1911	Victoria, B.C	92 0	32 0	8 0	183	Victoria Tug Co., Ltd., Victoria, B.C.
133685	Sadie No. 9	Victoria	Barge—Chd	1911	Victoria, B.C	90 0	32 0	8 0	183	Victoria Tug Co., Ltd., Victoria, B.C.
133691	Sadie No. 10	Victoria	Barge—Chd	1911	Victoria, B.C	90 0	32 0	8 0	183	Victoria Tug Co., Ltd., Victoria, B.C.
133692	Sadie No. 11	Victoria	Barge—Chd	1911	Victoria, B.C	90 0	32 0	8 0	183	Sir John Jackson (Canada) Ltd., Westminster, G.B.
133777	Sadie No. 12	Victoria	Barge—Chd	1913	Victoria, B.C	90 0	32 0	8 0	183	Victoria Tug Co., Ltd., Victoria, B.C.
134638	Sadie No. 14	Victoria	Barge—Chd	1912	Eburne, B.C	83 6	32 0	7 5	164	Victoria Tug Co., Ltd., Victoria, B.C.
92361	[3]Sadie O. Holmes	Annapolis Royal	Schr—Glt	1887	Gibson, N.B	80 6	26 8	8 0	98	A. W. Peitzsch, M.O., Isaac's Harbour, N.S.
100493	Sadie Turpel	Victoria	Schr—Glt	1892	Victoria, B.C	76 0	20 5	7 4	56	Mrs. H. A. Bull, Heriot Bay, B.C.
74335	Safe	Halifax	Schr—Glt	1877	Tusket, N.S	60 5	18 2	6 1	35	David Doucette, Cheticamp, N.S.
116224	Saguenay	Quebec	Schr—Glt	1903	Les Escoumains, Que	74 4	22 9	7 7	81	Alfred Moffatt, Les Escoumains, Que.
121928	St. Adolphe B. B	Quebec	Schr—Glt	1906	Ile-au-Coudres, Que	47 2	15 8	5 7	25	Alphonse Degagné, Ile-aux-Coudres, Que.
69082	Saint Anne	Halifax	Schr—Glt	1874	Chezzetcook, N.S	49 8	16 9	7 3	38	W. H. Mitchell, Jeddore, N.S.
138133	St. Albert	Quebec	Schr—Glt	1915	Petite Rivière, Que	74 6	23 4	6 3	67	David Tremblay, Mille Vaches, Que.
121921	St. Alexis	Quebec	Schr—Glt	1906	Grande Baie, Que	68 0	21 0	6 6	52	David St. Gelais, Escoumains, Que.
111484	St. Alfred	Quebec	Sloop	1900	Portneuf, Que	55 8	17 0	4 6	24	Louis Harvey, Isle-aux-Coudres, Que.
103361	St. Alfred	Quebec	Sloop	1895	Chateau Richer, Que	56 6	16 2	4 8	24	T. Bois, St. Siméon, Que.
103615	St. Alphonse	Quebec	Sloop	1894	St. Alphonse, Que	38 6	15 4	5 3	20	Eloi Pednault, Isle aux Coudres, Que.
116972	St. André	Chatham, N.B	Schr—Glt	1904	Lamek, N.B	39 0	13 2	5 0	15	Wm. Fruing & Co., Ltd., Jersey, C.I.
116473	St. Anne	Chatham, N.B	Schr—Glt	1904	Shippigan, N.B	44 0	12 9	5 8	14	Onesime Chaisson, Shippigan, N.B.
100363	St. Antoine	Quebec	Barge—Chd	1891	Ste. Croix, Que	85 6	22 4	6 6	85	B. Charland, St. Jean Deschaillons, Que.
112026	St. Antoine	Quebec	Barge—Chd	1901	Leclercville, Que	83 4	23 3	7 2	98	Antoine Morneau, Leclercville, Que.
103838	St. Antoine	Quebec	Schr—Glt	1895	Chateau Richer, Que	64 7	21 0	7 6	54	P. Gosselin, Chateau Richer, Que.

[1]Formerly "Dolphin." [2]Foreign name, "Standard." [3]Formerly "Genesta." [4]Formerly "Forest Belle."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
107502	St. Antoine	Quebec	Sloop	1898	St. Simeon, Que	32 4	14 2	4 4	12	A. Vezina, St. Simeon, Que.
107669	St. Antoine	Quebec	Schr—Glt	1899	Crane Island, Que	39 8	16 4	5 4	22	Wilfred Vezina, Crane Island, Que.
116214	St. Antoine	Quebec	Schr—Glt	1902	Les Eboulements, Que	59 4	18 0	5 2	32	Solenie Tremblay, Les Eboulements, Que.
111488	St. Antoine	Quebec	Schr—Glt	1900	St. Fulgence, Que	72 0	20 6	6 8	54	J. T. Alexis, *et al.*, St. Anne de Chicoutimi, Que.
116703	St. Antoine	Quebec	Schr—Glt	1903	Les Eboulements, Que	58 0	18 1	5 4	31	Arthur Tremblay, Les Eboulements, Que.
121667	St. Antoine	Quebec	Sloop	1906	L'Islet, Que	51 0	17 8	4 9	25	Charles Mercier, Montmagny, Que.
107679	St. Antoine de Padoue.	Quebec	Schr—Glt	1900	La Petite Riviere, St. Francois Xavier, Que.	71 4	22 0	6 4	58	Alfred Bouchard, Petite Rivière, Co. Charlevoix, Que.
111792	Saint Aubin	Port Hawkesbury	Schr—Glt	1903	Cheticamp, N.S.	37 8	22 1	5 9	15	Robin, Jones & Whitman, Ltd., Halifax, N.S.
107610	St. Bernard	Weymouth	Schr—Glt	1903	St. Bernard, N.S.	47 0	15 7	6 2	24	Robert Wilson, *et al.*, Charlesville, N.S.
111486	St. Cèrice	Quebec	Schr—Glt	1900	Isle aux Coudres, Que	70 0	23 9	7 2	65	Lazard Michaud, M.O., Trois Pistoles, Que.
107676	St. Charles	Quebec	Sloop	1899	Green Island, Que	38 0	14 8	4 4	16	Adolphe Fraser, Green Island, Que.
103131	St. Charles	Quebec	Sloop	1893	L'Islet, Que	30 8	14 6	4 2	16	Phidime Moreault, L'Islet, Que.
134140	St. Charles de la Malbaie.	Quebec	Yawl—Yole	1914	Malbaie, Que	75 4	24 0	6 7	51	Charles Gagnon, Malbaie, Que.
71210	St. Clair	Chatham, Ont	Schr—Glt	1875	Sophiasburgh, Ont	82 0	21 0	8 0	101	Peter Hagghoom, Port Burwell, Ont.
130786	St. Clements	Port Hawkesbury	Schr—Glt	1912	Eastern Harbour, N.S.	47 0	12 3	6 4	12	Robin, Jones & Whitman, Ltd., Halifax, N.S.
116889	Saint Dominique	Arichat	Schr—Glt	1994	Petite de Grat, N.S.	47 0	13 0	6 9	21	Charles Fougere and Hubert Dorion, J.O., Port Felix, N.S.
116717	St. Donat	Quebec	Schr—Glt	1905	St. Croix, Que	82 6	21 8	6 8	75	Eugene Grondines, (fils) Grondines, Que.
100863	St. Edgar	Quebec	Schr—Glt	1893	St. Siméon, Que	58 6	18 0	5 0	25	C. Gagnon, St. Siméon, Que.
100368	St. Edouard	Quebec	Barge—Chd	1892	Gentilly, Que	105 8	22 9	7 3	134	Philippe Carrette, St. Jean Deschaillons, Que.
122489	St. Elzear	Quebec	Sloop	1907	Ste. Famille, Que	68 6	23 5	6 0	57	Maurice Dégagné, Les Eboulements, Que.
92761	St. Etienne	Quebec	Schr—Glt	1888	Tadousac, Que	51 8	20 9	5 6	49	Auguste Coté, Grande Baie, Que.
97135	St. Francois	Quebec	Sloop	1890	L'Islet, Que	48 0	16 8	1 8	19	E. T. Dumond, Tadousac, Que.
107240	St. Francois	Quebec	Sloop	1898	St. Siméon, Que	41 6	14 3	4 6	17	J. Foster, St. Siméon, Que.
80747	St. Francois Xavier	Quebec	Schr—Glt	1878	Mille Vaches, Que	56 1	17 5	6 0	34	Alfred Renaud, La Petite Rivière, St. Francois Xavier, Que.
121927	St. Francois Xavier.	Quebec	Sloop	1906	Rivière Francois, Que	68 4	22 9	5 4	49	Thomas Lavoie, M.O., Rivière St. Francois, Que.
116221	St. George	Quebec	Barge—Chd	1900	Nicolet, Que	97 2	22 8	7 2	116	Achille Lavigne, St. Paul l'Ermite, Que.
112032	St. George	Quebec	Barge—Chd	1902	St. Aimé, Que	79 2	22 0	6 5	83	Joseph Caron, St. Louis de Bonsecours, Que.
97123	St. George	Quebec	Sloop	1886	St. Thomas, Que	52 8	16 4	5 4	26	Narcisse Collin, Montmagny, Que.
111625	St. George	Quebec	Sloop	1901	Les Eboulements, Que	32 8	10 1	5 0	10	George Gagné, Les Eboulements, Que.
116701	St. George	Quebec	Barge—Chd	1901	St. Jean Deschaillons, Que.	63 6	16 9	4 8	37	Alexandre Hamel, St. Jean Deschaillons, Que.
111612	St. George	Quebec	Sloop	1901	La Petite Rivière, St. Francois Xavier, Que.	51 0	18 6	5 2	30	Eugene Dufour, Petite Rivière, St. Francois Xavier, Que.
103361	St. George	Quebec	Sloop	1894	Chateau Richer, Que	60 0	20 6	5 7	43	F. Simard, Chateau Richer, Que.

88258	St. George	St. John, N.B.	Schr—Glt	1879	Westfield, N.B.	55 5	17 0	3 5	26	C. E. Belyea, St. John, N.B.
126931	St. Gregoire	Quebec	Schr—Glt	1911	Baie St. Paul, Que	75 3	24 4	6 7	68	Zenon Castonguay, River Blanche, Que.
103500	St. Helena	Lunenburg	Schr—Glt	1896	Lunenburg, N.S.	97 8	23 8	9 5	99	Richard T. Sainthill, North Sydney, N.S.
103329	Saint Helier	Port Hawkesbury	Schr—Glt	1900	Eastern Harbour, N.S.	35 4	11 9	6 9	12	Robin, Jones & Whitman, Ltd., Halifax, N.S.
107191	St. Hilaire	Quebec	Sloop	1898	Baie St. Paul, Que	12 6	18 0	6 0	29	P. Tremblay, Isle aux Coudres, Que.
111623	St. Hilaire	Quebec	Schr—Glt	1901	Grandes Bergeronnes, Que.	70 4	20 3	6 0	50	Jules Tremblay, Les Eboulements, Que.
53817	St. Jean	Quebec	Barge—Chd	1865	Batiscan, Que	83 0	22 6	5 6	68	Jean Lemay, St. Jean Deschaillons, Que.
121926	St. Jean Baptiste	Quebec	Schr—Glt	1906	Les Ecureuils, Que	70 2	20 6	6 4	62	Arthur Deschesne, Tadousac, Que.
111469	St. John	Chatham, N.B.	Schr—Glt	1901	Shippigan, N.B.	40 7	13 0	5 2	13	John Aché, Shippigan, N.B.
131002	[1]Saint John	St. John, N.B.	Dredge—Drague		U.S.A.	115 1	48 4	14 0	941	The Beaver Dredging Co., Ltd., St. John, N.B.
112167	St. Joseph	Chatham, N.B.	Schr—Glt	1903	Caraquet, N.B.	33 0	11 8	5 0	10	R. Gionet, Caraquet, N.B.
103008	St. Joseph	Chatham, N.B.	Schr—Glt	1916	Shippigan, N.B.	39 0	12 3	5 0	14	Eugene H. Gauvin, Shippigan, N.B.
90733	Saint Joseph	Port Hawkesbury	Schr—Glt	1887	Margaree, N.S.	49 0	16 0	6 7	27	John H. Beaver, Pleasant Harbour, N.S.
83354	St. Joseph	Quebec	Schr—Glt	1881	Isle Verte, Que.	45 5	15 1	3 5	13	J. Peron, Les Eboulements, Que.
92350	St. Joseph	Quebec	Barge—Chd	1888	St. Emélie, Que.	77 4	22 6	6 0	60	Fritz Parrot, Leclercville, Que.
100867	St. Joseph	Quebec	Schr—Glt	1888	Isle aux Coudres, Que.	47 6	15 6	4 8	19	A. Boily, St. Louis, Isle aux Coudres, Que.
103353	St. Joseph	Quebec	Sloop	1898	St. Jean Deschaillons, Que	56 4	17 2	5 2	22	A. Hamel, St. Jean Deschaillons, Que.
103626	St. Joseph	Quebec	Schr—Glt	1895	Les Ecureuils, Que	98 9	22 9	7 2	111	A. Bois, Les Ecureuils, Que.
103810	St. Joseph	Quebec	Schr—Glt	1896	Chateau Richer, Que.	98 0	23 2	6 9	99	E. Himbeault, Chateau Richer, Que.
107232	St. Joseph	Quebec	Schr—Glt	1897	St. Siméon, Que.	64 6	20 5	5 6	48	Elzear Gagnon, M.O., St. Fulgence, Que.
111481	St. Joseph	Quebec	Sloop	1900	La Petite Rivière, St. Francois Xavier, Que.	59 4	20 4	5 0	36	Thomas Tremblay, Rivière St. Francois, Que.
107234	St. Joseph Trois Saumons.	Quebec	Sloop	1898	St. Jean Port Joli, Que.	19 8	18 2	5 6	28	Nelson Blanchette, Cap St. Ignace, Que.
111622	St. Laurent	Quebec	Schr—Glt	1901	Grandes Bergeronnes, Que.	71 2	20 8	6 4	53	Alfred Tremblay, Grandes Bergeronnes, Que.
85467	St. Laurent	Quebec	Schr—Glt	1882	Rimouski, Que.	75 2	21 0	7 1	70	Joseph Ouellett, St. Germain de Rimouski, Que.
97138	St. Laurent	Quebec	Sloop	1886	L'Islet, Que.	51 0	19 6	5 2	28	Arthur Leclerc, M.O., St. André de Kamouraska, Que.
116704	St. Laurent	Quebec	Sloop	1904	Petite Rivière St. Francois Xavier, Que.	67 2	20 8	6 3	50	Germain Lavoie, Petite Rivière, St. Francois Xavier, Que.
107737	St. Lawrence	Kingston	Dredge—Drague	1890	Cornwall, Ont.	90 2	30 1	6 0	125	Michael McAuliff, *et al.*, J.O., Welland, Ont.
103461	St. Lidwina	Arichat	Schr—Glt	1899	L'Ardoise, N.S.	35 9	10 2	5 3	11	Alexander Peters, L'Ardoise, N.S.
75636	Saint Louis	Kingston	Bktg—Bklt	1877	St. Catharines, Ont.	127 7	26 2	11 9	334	Miss Jane Thompson Patterson, Kingston, Ont.
59967	St. Louis	Quebec	Barge—Chd	1869	Ste. Emélie, Que.	94 0	20 0	5 7	73	Jos. Chénard, Ste. Emélie, Que.
107496	St. Louis	Quebec	Sloop	1897	St. Siméon, Que.	37 0	13 0	4 0	13	L. Dufour, St. Siméon, Que.
100362	St. Louis	Quebec	Sloop	1891	Isle aux Coudres, Que.	53 4	15 4	5 8	23	Alphe Bergeron, M.O., Isle aux Coudres, Que.
121661	St. Louis	Quebec	Schr—Glt	1905	Bay St. Paul, Que.	77 0	24 6	6 8	73	Joseph Bouillon, Rimouski, Que.
.....	St. Marie	Montreal	Barge—Chd	1864	Lachine, Que.	96 6	20 0	6 6	103	P. Laplante, Lachine, Que.
103723	Saint Maurice	Parrsboro'	Schr—Glt	1896	Port Greville, N.S.	119 9	31 3	11 3	272	Stewart T. Salter, M.O., Parrsboro, N.S.
121670	St. Michel	Quebec	Sloop	1906	La Petite Rivière, Que.	59 0	18 8	5 4	34	Eloi Bouchard, La Petite Rivière St. Francois, Que.
100453	St. Nicolas	Quebec	Schr—Glt	1891	Chateau Richer, Que.	70 0	23 8	6 4	66	Timothy Harvey, M.O., Bay St. Paul, Que.
134139	St. Omer	Quebec	Yawl—Yole	1908	Trois Pistoles, Que.	67 6	20 2	5 7	40	Timothy Harvey, Baie St. Paul, Que.
108000	St. Patrick	Causo	Schr—Glt	1901	Port Felix, N.S.	43 0	13 2	7 6	18	R. Belfontaine, Port Felix, N.S.
83096	Saint Patrick	Chatham, N.B.	Schr—Glt	{1884 / 1894}	Margaree, N.S.	41 2	13 9	5 7	16	J. White, Alberton, P.E.I.
75676	St. Patrick de Fraserville.	Quebec	Sloop	1877	Rivière du Loup, Que.	54 2	18 5	5 9	36	A. Desbien, Isle aux Coudres, Que.
122065	St. Paul	Montreal	Sloop	1898	St. Thomas de Pierreville, Que.	88 5	20 3	5 1	65	Paul Joly, Ste. Anne de Sorel, Que.
111620	St. Paul	Quebec	Sloop	1901	Baie St. Paul, Que.	66 6	24 6	6 2	56	Cyrille Levesque, Green Island, Que.
107776	St. Peter	Chatham, N.B.	Schr—Glt	1900	Shippigan, N.B.	39 0	12 6	5 0	12	Adolphe Aché, Shippigan, N.B.
88297	St. Philippe	Quebec	Barge—Chd	1884	St. Thomas de Pierreville, Que.	100 0	22 5	7 4	121	Jos. Durand, Champlain, Que.
107899	St. Pierre	Montreal	Dredge—Drague	1899	Three Rivers, Que.	79 2	28 0	8 1	180	Simpson Brothers, Co., Ltd., Montreal, Que.
103624	St. Pierre	Quebec	Schr—Glt	1896	St. Fulgence, Que.	66 6	21 2	6 6	55	Edgard Tremblay, Ance St. Jean, Que.
103564	St. Roch	Montreal	Sloop	1894	Pierreville, Que.	107 9	22 8	7 9	110	Miss Melina Robillard, Lanorie, Que.
103987	St. Roch	Quebec	Sloop	1897	Grandes Bergeronnes, Que.	57 0	19 0	4 8	32	A. Tremblay, Grandes Bergeronnes, Que.

[1]Foreign name "Boston."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
122062	St. Romuald	Montreal	Sloop	1906	Notre Dame de Pierreville, Que.	109 7	23 6	7 7	138	Ernest Lizotte, Pierreville, Que.
130660	St. Sauveur	Chatham, N.B.	Schr—Glt	1912	Lamek, N.B.	37 5	14 0	6 5	18	Isaie Chiasson, Lamek, N.B.
134338	St. Simon	Chatham, N.B.	Schr—Glt	1914	St. Simon, N.B.	38 5	13 8	5 6	16	Philerome Chiasson, St. Simon, N.B.
131019	St. Stanislas	Quebec	Yawl—Yole	1907	Lotbinière, Que.	76 7	23 2	6 5	54	Xavier Marion, Lotbinière, Que.
107318	St. Stephen	Halifax	Schr—Glt	1899	Port Felix, N.S.	47 5	12 7	6 8	19	Edgar M. Peters, *et al.*, Port Morien, N.S.
111902	St. Thomas	Arichat	Schr—Glt	1901	Rockdale, N.S.	30 0	11 0	5 6	10	Thomas Pottie, Rockdale, N.S.
112041	St. Thomas	Quebec	Sloop	1902	Montmagny, Que.	62 4	19 5	5 7	37	Emile Fournier, L'Islet, Que.
138514	St. Zephir	Quebec	Schr—Glt	1917	Petite Riviere St. Francois, Que.	76 0	25 0	6 8	81	Amable Lavoie, Petite Riviere St. Francois, Que.
107225	Ste. Alphonsine	Quebec	Schr—Glt	1897	Chateau Richer, Que.	59 0	18 6	8 1	44	F. Simard, Château Richer, Que.
117187	Ste. Anne	Chatham, N.B.	Schr—Glt	1906	Shippigan Island, N.B.	37 0	13 0	5 4	13	Jean P. Noel, Shippigan Island, N.B.
88319	Ste. Anne	Quebec	Schr—Glt	1883	St. Antoine, Que.	34 6	13 5	5 3	14	C. Vézina, Crane Island, Que.
73026	Ste. Anne	Quebec	Schr—Glt	1878	Betcheuan, Que.	45 0	16 2	6 5	20	Lazare Michaud, Isle Verte, Que.
92765	Ste. Anne	Quebec	Schr—Glt	1886	Bon Désir, Que.	48 8	16 8	6 4	28	J. Truchon, Bon Désir, Que.
116216	Ste. Anne	Quebec	Schr—Glt	1901	Manicouagan, Que.	54 6	18 2	6 8	40	Ben. E. Goudreault, Manicouagan, Que.
103149	Ste. Anne	Quebec	Schr—Glt	1894	Isle aux Coudres, Que.	55 6	17 4	6 0	36	Adelard Fournier, St. Jean, Port Joli, Que.
107661	Ste. Anne	Quebec	Schr—Glt	1898	St. Irénée, Que.	83 4	23 7	9 2	102	Celestin Lajoie, St. Irénée, Que.
107670	Ste. Anne	Quebec	Schr—Glt	1899	Moisie River, Que.	41 2	13 6	5 6	18	Cleophas Pelletier, Little Matane, Que.
107677	Ste. Anne	Quebec	Barge—Chd	1898	St. Antoine de Tilley, Que.	96 6	25 1	7 2	122	Leon Collin, St. Antoine de Tilley, Que.
103832	Ste. Anne	Quebec	Schr—Glt	1895	Les Eboulements, Que.	50 8	17 8	6 0	31	A. Tremblay, Les Eboulements, Que.
107231	Ste. Anne	Quebec	Schr—Glt	1897	Manicouagan, Que.	35 6	12 4	5 4	13	M. Chouinard, Manicouagan, Que.
122255	Ste. Anne	Quebec	Schr—Glt	1906	Ste. Anne de la Pocatiere,	49 6	16 5	6 4	28	Auguste Lafrance, Ste. Anne de la Pocatiere, Que.
103973	Ste. Augustine	Quebec	Schr—Glt	1896	Sandy Bay, Que.	36 4	12 8	5 0	12	Joseph Harvey, *et al.*, Isle aux Coudres, Que.
117189	Ste. Cecilia	Chatham, N.B.	Schr—Glt	1906	Shippigan Island, N.B.	37 0	12 8	5 4	13	Mrs. Gelas Aché, Lamek, N.B.
112037	Ste. Croix	Quebec	Sloop	1902	La Petite Rivière, Que.	65 4	20 2	5 6	44	Stanley Gauthier, St. Irénée, Que.
107667	Ste. Croix	Quebec	Schr—Glt	1899	Ste. Croix, Que.	77 2	21 4	6 2	63	Eugène Bossé, Lotbinière, Que.
122051	Ste. Julie	Chatham, N.B.	Schr—Glt	1906	Shippigan Island, N.B.	37 0	13 0	5 3	12	Octave P. Noel, Shippigan Island, N.B.
112031	Ste. Marie	Quebec	Schr—Glt	1902	Manicouagan, Que.	58 8	18 4	7 0	47	Etienne Landry, Manicouagan, Que.
92334	Ste. Marie	Quebec	Schr—Glt	1886	Moisie, Que.	60 0	20 6	7 8	53	Wilfrid Guimond, St. Jerome de Matane, Que.
107508	Ste. Marie	Quebec	Barge—Chd	1898	St. Siméon, Que.	95 0	23 2	7 4	107	Arthur Talon, St. Siméon, Que.
107507	Ste. Marie	Quebec	Schr—Glt	1898	St. Siméon, Que.	64 8	20 2	5 4	41	Wm. Savard, St. Siméon, Que.
88305	Ste. Marie Anne	Quebec	Schr—Glt	1884	Chateau Richer, Que.	70 6	19 4	6 4	51	Zéphirin Rhéaume, Chateau Richer, Que.
134010	Ste. Urbain	Chatham, N.B.	Schr—Glt	1914	Lamek, N.B.	44 0	14 3	6 4	21	Joseph F. and Adolphe Ache, J.O., Lamek, N.B.
126342	Sakotis	Barrington Passage	Sloop	1908	Clarke's Harbour, N.S.	33 0	12 0	5 7	11	Benjamin Newell, West Head, Cape Island, N.S.
138515	San Lucas	Quebec	Schr—Glt	1915	Tadousac, Que.	82 1	26 7	6 6	83	Theodore Pluze, Matane, Que.

130763	Sand Boy	Kingston	Scow—Chd	1912	Kingston, Ont.	82 8	22 8	6 0	92	Grant Pike, Wolfe Island, Ont.
97015	Sand Fly	St. Catharines	Scow—Chd	1885	U.S.A.	45 2	20 0	3 1	28	W. Hand, Port Dalhousie, Ont.
140952	Sand Washer No. 4.	Montreal	Barge—Chd	1918	Montreal, Que.	64 5	23 9	4 2	103	Canadian Sand & Gravel Co., Ltd., Montreal, Que.
126069	Sanghe	Charlottetown	Schr—Glt	1910	River John, N.S.	42 0	13 7	4 9	13	John L. and Gordon Robison, River John, N.S.
88296	Sara	Quebec	Yawl—Yole	1884	St. Laurent, Island of Orleans, Que.	28 5	11 2	4 0	8	Adelard Patry, Beaumont, Que.
100907	Sarah	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	38 1	13 0	4 4	10	Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B.
71136	[1]Sarah	Port Burwell	Schr—Glt	1871	Port Dover, Ont.	73 3	19 4	6 6	65	C. Graham, Kincardine, Ont.
64511	[2]Sarah	St. John, N.B.	Schr—Glt		U.S.A.	47 0	15 0	6 7	23	James Cosman, Meteghan River, N.S.
103010	Sarah B	Halifax	Schr—Glt	1889	Caraquet, N.B.	36 5	12 2	4 5	10	J. Le Bouthiller, Caraquet, N.B.
61907	Sarah D	Liverpool	Schr—Glt	1870	Liverpool, N.S.	38 0	13 5	5 3	12	J. Hawbolt, Chester, N.S.
94756	Sarah E. Ells	St. John, N.B.	Schr—Glt	1889	Baxter's Harbour, N.S.	42 7	15 3	6 1	19	James H. W. Patterson, Five Islands, N.S.
85483	Sarah H. Seeton	Shelburne	Schr—Glt	1883	Lockeport, N.S.	80 0	23 0	8 9	95	Albert Garnier, St. George's Bay, Nfld.
75639	Sarah Jane	St. Catharines	Barge—Chd	1872	Port Robinson, Ont.	131 0	24 5	9 5	238	J. S. Nesbitt, Sarnia, Ont.
64869	Sarah L. Oxner	Halifax	Schr—Glt	1872	Port Medway, N.S.	48 0	17 4	7 0	34	Frederick Young, West Arichat, N.S.
103252	Sarah M	St. John, N.B.	Schr—Glt	1894	Black River, N.B.	69 0	23 0	5 8	77	R. P. & W. F. Starr, Ltd., St. John, N.B.
100218	Sarah M. W	Halifax	Schr—Glt	1892	St. Margaret's Bay, N.S.	38 2	12 7	5 5	14	Hezekiah Wamboult, Indian Harbour, N.S.
122257	Sarsfield	Quebec	Barge—Chd	1907	Bay St. Paul, Que.	121 6	32 0	7 6	248	The Canadian Bank of Commerce, Toronto, Ont.
88495	Saskatchewan	Winnipeg	Barge—Chd	1882	Winnipeg, Man.	146 4	24 5	7 2	219	Manitoba Transport Co., Ltd., Winnipeg, Man.
88287	Satellite	St. Andrews	Schr—Glt	1860	Kennebunk, Me., U.S.A.	48 8	15 9	5 8	26	Reed Brown, Grand Manan, N.B.
117190	Saturn	Chatham, N.B.	Schr—Glt	1906	New Bandon, N.B.	33 6	12 3	5 0	10	Dominic Blanchard, New Bandon, N.B.
122048	Saucy Imp	St. Andrews	Sloop	1906	West Isles, N.B.	28 0	11 7	6 0	11	Charles Green, West Isles, N.B.
	Saucy Jack	Port Dover	Schr—Glt	1864	Sandusky Creek, O., U.S.A.	72 0	16 0	6 7	68	J. H. McDonald, Toronto, Ont.
126157	Sault au Mouton	Montreal	Schr—Glt	1907	Les Escoumains, Que.	102 5	26 7	6 3	71	W. R. Charlton, Sault au Mouton, Que.
103070	Savitar	St. John, N.B.	Sloop	1895	Boston, Mass., U.S.A.	26 3	10 0	2 9	3	Frank W. Armstrong, *et al.*, St. John, N.B.
103584	Saxon	Chatham, N.B.	Schr—Glt	1896	Shippigan, N.B.	37 2	12 2	4 8	13	Philip Rive, Caraquet, N.B.
100799	Sayward No. 1	Victoria	Barge—Chd	1893	Victoria, B.C.	78 0	27 5	6 0	101	Sayward Mill & Lumber Co., Ltd., Victoria, B.C.
112328	Scotia Queen	Parrsboro'	Schr—Glt	1903	Fox River, N.S.	87 0	27 0	8 8	108	Hendry, Ltd., Halifax, N.S.
122119	Scout	Sydney, N.S.	Sloop	1907	Port Hawkesbury, N.S.	24 0	6 9	3 0	3	Lionel O. P. Walsh, Sydney, N.S.
122171	Scow No. 1	Port Arthur	Scow—Chd	1903	Port Arthur, Ont.	96 0	19 0	7 0	87	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
122268	Scow No. 2	Montreal	Scow—Chd	1906	Montreal, Que.	109 0	28 0	7 1	172	The Montreal Sand & Gravel Co., Ltd., Montreal, Que.
122172	Scow No. 2	Port Arthur	Scow—Chd	1903	Port Arthur, Ont.	73 0	22 0	7 0	112	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
122269	Scow No. 3	Montreal	Scow—Chd	1903	Montreal, Que.	97 2	25 1	6 0	119	The Montreal Sand & Gravel Co., Ltd., Montreal, Que.
107947	Scow No. 4	St. Catharines	Scow—Chd	1901	Buffalo, N.Y., U.S.A.	89 5	34 2	10 3	282	Michael J. Hogan, Quebec, Que.
122270	Scow No. 6	Montreal	Scow—Chd	1906	Grenville, Que.	103 7	30 0	6 4	165	The Montreal Sand & Gravel Co., Ltd., Montreal, Que.
122401	Scow No. 7	Montreal	Scow—Chd	1906	Montreal, Que.	107 4	30 6	6 4	171	The Montreal Sand & Gravel Co., Ltd., Montreal, Que.
130384	Scow No. (8) Eight.	Amherstburg	Scow—Chd	1892	Sault Ste. Marie, Ont.	111 6	26 6	7 0	208	John G. Mullen, Amherstburg, Ont.
122402	Scow No. 8	Montreal	Scow—Chd	1907	Montreal, Que.	109 2	29 4	6 8	174	The Montreal Sand & Gravel Co., Ltd., Montreal, Que.
122403	Scow No. 9	Montreal	Scow—Chd	1907	Montreal, Que.	109 6	29 0	6 9	175	The Montreal Sand & Gravel Co., Ltd., Montreal, Que.
138510	Scow No. 10	Montreal	Scow—Chd	1911	Montreal, Que.	108 2	27 6	5 9	135	Montreal Sand & Gravel Co., Ltd., Montreal, Que.
140951	Scow No. 11	Montreal	Scow—Chd	1911	Montreal, Que.	108 1	27 9	6 0	137	Montreal Sand & Gravel Co., Ltd., Montreal, Que.
130385	Scow number Seventeen.	Amherstburg	Scow—Chd	1906	Manitowoc, Wis., U.S.A.	100 3	26 0	8 9	232	John G. Mullen, Amherstburg, Ont.
112011	Scow No. 28	Port Arthur	Scow—Chd	1891	Duluth, Minn., U.S.A.	104 0	26 5	11 0	230	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
112012	Scow No. 29	Port Arthur	Scow—Chd	1891	Duluth, Minn., U.S.A.	104 0	26 5	11 0	230	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
112013	Scow No. 31	Port Arthur	Scow—Chd	1891	Duluth, Minn., U.S.A.	72 0	22 0	6 0	82	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
121710	Scow No. 36	Port Arthur	Scow—Chd	1905	Toronto, Ont.	124 5	32 2	10 5	421	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
121841	Scow No. 37	Port Arthur	Scow—Chd	1905	Toronto, Ont.	124 5	32 2	10 5	421	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
100959	Sea Bird	Chatham, N.B.	Schr—Glt	1892	Shippigan, N.B.	34 0	12 1	5 0	10	W. S. Loggie, Co., Ltd., Chatham, N.B.
97042	Sea Bird	Halifax	Schr—Glt	1869	Chezzetcook, N.S.	38 2	13 7	5 8	17	Louis Murphy, Ship Harbour, N.S.
	Sea Bird	Kingston	Schr—Glt	1867	Battersea, Ont.	91 8	21 9	7 7	121	Mary A. Cameron, Picton, Ont.
116939	Sea Bird	Victoria	Schr—Glt	1906	Massett, B.C.	36 0	12 0	7 0	15	John A. Murray, Prince Rupert, B.C.
141164	Sea Boy	Parrsboro	Schr—Glt	1918	Spencers Island, N.S.	48 0	17 0	6 8	29	Joshua Nuttall, New Salem, N.S.
126254	Sea Duck	Chatham, N.B.	Schr—Glt	1908	Bathurst, N.B.	38 0	12 6	5 6	16	Edward P. Roy, Bathurst, N.B.
138055	Sea Fish	Chatham, N.B.	Schr—Glt	1916	Lower Caraquet, N.B.	35 0	12 4	4 7	10	Joseph D. Dorion, Caraquet, N.B.
100901	Sea Flower	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	37 0	12 7	5 0	12	Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B.
100914	Sea Flower	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	36 0	12 2	5 3	11	Robin, Jones & Whitman, Ltd., Halifax, N.S.

[1]Formerly "Lurea Emma." [2]Foreign name "Romp."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Cotnstruit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
59322	Sea Flower	St. John, N.B.	Schr—Glt	1870	St. George, N.B.	34 0	12 4	5 0	11	James Thompson, Chance Harbour, N.B.
75724	Sea Foam	Barrington Passage	Schr—Glt	1878	Salmon River, N.S.	70 7	23 0	8 5	75	Percy T. Peardon, Montague, P.E.I.
96926	Sea Foam	Chatham, N.B.	Schr—Glt	1890	Malpeque, P.E.I.	37 5	13 6	5 6	15	M. Lantaigne, Caraquet, N.B.
88284	Sea Foam	St. Andrews	Schr—Glt	1874	Bear Island, N.S.	33 4	12 0	5 3	13	Daniel Leavitt, St. George, N.B.
122043	Sea Foam	St. Andrews	Sloop	1898	West Isles, N.B.	28 0	12 8	6 0	14	Milford C. Kent, Grand Manan, N.B.
100314	Sea Fox	Yarmouth	Schr—Glt	1892	Shelburne, N.S.	74 5	15 8	5 6	19	W. C. Newcombe, Hopewell Cape, N.B.
51969	Sea Hound	Liverpool	Schr—Glt	1866	Tusket Wedge, N.S.	51 0	16 5	5 8	32	Mrs. Sophia McKenzie, Jordan Bay, N.S.
94747	Sea King	St. John, N.B.	Schr—Glt	1888	Cambridge, N.B.	53 3	20 6	5 7	33	Leonard Martin and Isaac C. Prescott, Albert, N.B.
71308	Sea Mouse	Richibucto	Schr—Glt	1882	Rexton, N.B.	32 2	12 2	4 6	10	John Doucette, Rexton, N.B.
107189	Sea Pearl	Charlottetown	Schr—Glt	1899	Lower Montague, P.E.I.	33 9	12 6	5 9	11	Augustine Boudreau, Lower Montague, P.E.I.
92513	Sea Pink	St. Andrews	Schr—Glt	1878	Briar Island, N.S.	29 0	10 0	5 0	8	Alfred W. Wilcox, West Isles, N.B.
112390	Sea Queen	Sydney, N.S.	Schr—Glt			60 2	19 4	7 0	36	Murdock N. McRae, Nyanza, N.S.
100616	Sea Slipper	Shelburne	Schr—Glt	1891	Green Harbour, N.S.	32 6	12 8	5 1	11	James Enslow, sr., Green Harbour, N.S.
96731	Sea Star	Chatham, N.B.	Schr—Glt	1889	Shippigan, N.B.	35 7	12 8	4 8	13	Joseph Savoy, Shippigan, N.B.
75680	Sea Star	Quebec	Schr—Glt	1877	Betchouan, Que.	57 4	19 5	8 0	52	Achille Gagnon, Malbaie, Que.
122082	Sea View	Charlottetown	Schr—Glt	1906	Sea View, P.E.I.	37 4	13 7	5 5	13	Stanford Pickering, M.O., Sea View, P.E.I.
74255	Seabird	Quebec	Schr—Glt	1875	St. Jean Deschaillons, Que.	80 8	22 8	8 5	104	Gaspard Dorion, Chateau Richer, Que.
100255	Seaflee	Halifax	Schr—Glt	1889	Little Harbour, N.S.	37 0	12 4	6 0	12	Howard S. Munroe, White Head, N.S.
121684	Seaton L.	Yarmouth	Sloop	1904	Clarke's Harbour, N.S.	33 0	11 4	6 0	12	Nehemiah M. Smith, Clarke's Harbour, N.S.
88229	Seaway	Halifax	Schr—Glt	1884	Chezzetcook, N.S.	43 8	15 2	6 4	22	Gabriel Murphy, Chezzetcook, N.S.
100085	Selina	St. John, N.B.	Schr—Glt	1892	St. Martin's, N.B.	71 3	23 2	6 2	60	Charles H. Gorham, Brown's Flats, N.B., and J. A. Elliott, Economy, N.S.
103097	Selkirk	Montreal	Schr—Glt	1894	Kingston, Ont.	183 3	34 5	14 5	719	Alphonse A. Laroque, Montreal, Que.
121878	Selma	Yarmouth	Sloop	1906	Tusket Wedge, N.S.	35 0	11 3	7 0	14	Angus Cotreau, M.O., Tusket Wedge, N.S.
138642	Selma Creaser	La Have	Schr—Glt	1918	Shelburne, N.S.	106 3	26 2	10 8	99	Arthur Creaser, M.O., La Have, N.S.
133913	Selonia	Chatham, N.B.	Schr—Glt	1913	Lamek, N.B.	32 0	10 2	5 0	11	Anthyme T. Chiasson, Shippigan, N.B.
103774	Senator Snowball	Chatham, N.B.	Schr—Glt	1897	Chatham, N.B.	53 2	17 7	7 4	31	Charles E. King, Port Elgin, N.B.
85457	Senecal	Quebec	Sloop	1883	Quebec, Que.	60 0	19 0	5 7	38	Paul Barette, jr., Mille Vaches, Que.
100323	Senora	Yarmouth	Schr—Glt	1893	Pubnico, N.S.	78 2	22 9	8 4	85	Simeon Boutilier, Seabright, N.S.
122108	Seretha	Yarmouth	Sloop	1905	Shelburne, N.S.	30 0	10 6	6 0	10	Samuel N. Atkinson, Cape Island, N.S.
126582	Sesame	Lunenburg	Schr—Glt	1909	LaHave, N.S.	37 2	11 2	6 2	15	Joshua Ernst, LaHave, N.S.
134454	Seventy-four	Toronto	Scow—Chd	1914	Toronto, Ont.	83 0	34 0	5 5	143	Miller Lash and Glyn Osler, Toronto, Ont.
134456	Seventy-six	Toronto	Scow—Chd	1914	Toronto, Ont.	64 0	34 0	4 0	113	Miller Lash and Glyn Osler, Toronto, Ont.
88648	Severn	Charlottetown	Bktn—Bkglt	1884	Egmont Bay, P.E.I.	143 6	29 1	15 9	397	Colin C. Wyllie, London, Eng.
103215	Severn	Ottawa	Scow—Chd	1890	Buckingham, Que.	50 0	14 4	4 3	16	G. Bothwell, Buckingham, Que.
85448	Severn	Windsor, N.S.	Schr—Glt	1884	Newport, N.S.	148 0	32 6	15 9	446	Edward E. Hutchings, New York, N.Y., U.S.A.

107762	Shamrock	Charlottetown	Schr—Glt	1902	Alberton, P.E.I.	56 6	16 7	6 7	27	Michael Pearson, and Alban Fagan, Whitney Pier, N.S., J.O.
111430	Shamrock	Halifax	Schr—Glt	1902	Beckerton, N.S.	48 7	15 2	7 2	23	Alfred Vigneau, M.O., Amherst, N.S.
116286	Shamrock	Halifax	Schr—Glt	1903	Chezzetcook, N.S.	52 2	16 0	6 7	30	Jo n Bellefontaine, *et al.*, West Chezzetcook, N.S.
100346	Shamrock	Maitland	Schr—Glt	1902	Maitland, N.S.	68 5	20 3	7 6	53	Glenford C. Hatfield, Diligent River, N.S.
125996	Shamrock	Quebec	Schr—Glt	1907	Montmagny, Que.	94 8	26 3	5 4	81	The Price Brothers & Co., Ltd., Quebec, Que.
122041	Shamrock	St. Andrews	Sloop	1901	Grand Manan, N.B.	33 0	11 0	5 0	10	Ward S. Foster, Grand Manan, N.B.
112386	Shamrock	Sydney, N.S.	Schr. Glt	1903	Ingonish, N.S.	38 0	12 0	4 6	11	Robt. D. Nutter, Glace Bay, N.S.
107334	Shamrock	St. John, N.B.	Sloop	1899	Pubnico, N.S.	38 0	12 4	7 0	17	Cecil Alexander, Alma, N.S.
116338	Shamrock III	Ottawa	Barge—Chd	1903	Barry's Bay, Ont.	50 0	11 5	3 0	70	Ontario Corundum Co., Ltd., Ottawa, Ont.
111556	She Said No	St. Andrews	Sloop	1888	Pembroke, Me., U.S.A.	28 0	12 0	5 6	11	Samuel Lakeman, Grand Manan, N.B.
138834	Shepherd King	Lunenburg	Schr—Glt	1918	Lunenburg, N.S.	117 8	26 8	10 6	109	Wm. C. Smith, M.O., Lunenburg, N.S.
117118	Shinyei Maru	Vancouver	Schr—Glt	1905	Bowen Island, B.C.	66 0	16 5	6 0	45	Dan King, Vancouver, B.C.
134618	Shipman No. 4	Sault Ste. Marie	Scow—Chd	1911	Wiarton, Ont.	110 0	24 4	7 0	164	Stephen Shipman, Sault Ste. Marie, Ont.
133914	Shippigan Pearl	Chatham, N.B.	Schr—Glt	1913	Shippigan, N.B.	26 0	9 6	4 6	10	Joseph Brideau, Shippigan, N.B.
130334	Shrubb	Chatham, N.B.	Schr—Glt	1910	Richibucto, N.B.	34 0	9 4	4 0	10	William A. Mills, Hardwick, N.B.
126671	Shuniah	Port Arthur	Dredge--Drague	1910	Toronto, Ont.	125 0	40 1	8 4	602	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
111784	Sidney	Victoria	Barge—Chd	1900	Everett, Wash., U.S.A.	158 0	36 0	5 4	263	John Hendry, Vancouver, B.C.
126179	Sidney No. 2	New Westminster	Barge—Chd	1908	Seattle, Wash., U.S.A.	160 0	34 0	8 9	378	Vancouver, Victoria & Eastern Ry. & Navigation Co., Vancouver, B.C.
111413	Sigdrifa	Lunenburg	Sloop	1877	Boston, Mass., U.S.A.	35 7	11 6	6 5	13	W. P. and Alex. Dort, Cole Harbour, N.S.
103376	Sigurros	Winnipeg	Schr—Glt	1893	Icelandic River, Man.	51 0	12 5	4 8	21	Kristyon Finnson, Icelandic River, Man.
112023	Silver Bell	Canso	Schr—Glt	1903	Tor Bay, N.S.	37 0	13 6	6 0	14	George Schrider, Tor Bay, N.S.
59357	Silver Bell	St. Andrews	Schr—Glt	1874	Campobello, N.B.	30 5	12 0	5 5	13	Peter Malloch, Campobello, N.B.
100961	Silver Moon	Chatham, N.B.	Schr—Glt	1893	Shippigan, N.B.	37 4	13 0	5 0	14	W. S. Loggie Co., Ltd., Chatham, N.B.
116559	Silver Queen	Maitland	Schr—Glt	1915	Lower Selma, N.S.	92 0	27 1	8 0	134	Alexander A. Gunn, Sherbrooke, N.S.
122085	Silver Spray	Charlottetown	Schr—Glt	1907	Montague, P.E.I.	35 6	13 9	5 6	16	Charles Lund, Charlottetown, P.E.I.
116656	Silver Spray	Yarmouth	Sloop	1904	Yarmouth, N.S.	39 0	12 0	5 6	11	Charles J. O'Hanley, Yarmouth, N.S.
116884	Silver Swan	Arichat	Schr—Glt	1904	Larry's River, N.S.	40 0	14 6	6 6	20	Wm. J. Malcolm, Port Hawkesbury, N.S.
138388	Silver Thread	Lunenburg	Schr—Glt	1917	La Have N.S.	77 4	23 5	9 7	87	W. Norman Reinhardt, M.O. La Have, N.S.
88272	Simeon H. Bell	St. Andrews	Schr—Glt	1880	Eastport, Me., U.S.A.	31 0	12 2	5 8	14	J. R. Moses, Grand Manan, N.B.
77629	Singapore	Kingston	Schr—Glt	1878	Kingston, Ont.	106 0	25 4	9 9	186	J. C. Sutherland, Goderich, Ont.
100788	Sir Charles	Chatham, N.B.	Schr—Glt	1887	Caraquet, N.B.	36 5	12 3	4 5	11	F. T. B. Young, M.O., Caraquet, N.B.
107433	Sir John	St. Andrews	Sloop	1892	Grand Manan, N.B.	31 2	11 3	5 0	11	Hiram Morse, Grand Manan, N.B.
107327	Sir Wilfred	Halifax	Schr—Glt	1899	St. Margaret's Bay, N.S.	39 0	14 5	6 2	18	Charles Fader, St. Margaret's Bay, N.S.
85402	Sir Wilfrid	Amherst	Schr—Glt	1903	Magdalen Island, Que.	63 6	19 9	7 3	51	Amedee Cyr, Magdalen Islands, Que.
42987	[1]Sir Wilfrid	Pictou, N.S.	Schr—Glt	1863 1900	Murray Harbour, P.E.I.	53 8	17 1	7 4	39	John D. McIntyre, Montague, P.E.I.
69599	Siren	Montreal	Barge—Chd	1874	Point Lévis, Que.	137 3	30 0	9 9	307	Montreal Transportation Co., Ltd., Montreal, Que.
85645	Sissie Belle	Halifax	Schr—Glt	1883	Conquerall, N.S.	53 0	17 8	7 5	40	John E. Corbett, M.O., Harbour au Bouche, N.S.
.....	Six (6)	Montreal	Barge—Chd	1870	Pierreville, Que.	94 0	18 8	6 0	104	Adolphe Gatien, Hull, Que.
100733	Skoda	Windsor, N.S.	Bktn—Bkglt	1893	Kingsport, N.S.	168 0	37 0	16 0	658	Lester A. Rodden, Mobile, Ala., U.S.A.
100880	Skylark	St. John, N.B.	Schr—Glt	1893	Westfield, N.B.	51 5	15 4	3 1	21	J. L. Belyea, St. John, N.B.
134597	Sloe	Paspebiac	Schr—Glt	1915	Grand River, Que.	34 6	11 0	3 6	8	Philip Bourget, Grand River, Que.
103286	Snipe	Chatham, N.B.	Schr—Glt	1895	Shippigan, N.B.	36 5	12 7	4 8	11	T. Ahier, Shippigan, N.B.
78035	Snow Ball	Chatham, Ont.	Schr—Glt	1881	Chatham, Ont.	60 0	9 0	3 0	23	A. Morrison, Tilbury East, Ont.
69179	Snow Queen	Quebec	Schr—Glt	1873	Mahone Bay, N.S.	71 4	20 2	7 8	55	Jos. Levèque, Chicoutimi, Que.
100982	Snowdrop	Chatham, N.B.	Schr—Glt	1888	Caraquet, N.B.	35 0	12 2	5 0	11	C. Robin Collas & Co., Ltd., Jersey, C.I.
112284	[2]Snowmaiden	Digby	Schr—Glt	1902	Meteghan, N.S.	55 6	17 8	6 9	46	Charles M. and Arthur R. Hicks, Westport, N.S.
138442	Socony	Weymouth	Scht—Glr	1917	Little Brook, N.S.	132 0	31 9	11 9	314	Standard Transportation Co., Ltd., Hong Kong.
116678	Solitaire	St. Andrews	Sloop	1895	North Head, N.B.	27 0	12 2	6 0	13	Herman Green, Grand Manan, N.B.
116811	Sophia J. Luff	Quebec	Schr—Glt	1866	Marine City, Michigan, U.S.A.	140 3	26 1	10 4	252	The Minister of Public Works, Ottawa, Ont.
116956	Sophia Mineh	Sarnia	Schr—Glt	1873	Vermillion, U.S.A.	180 0	32 0	12 0	538	The Point Anne Quarries, Ltd., Toronto, Ont.
112289	Souvenier	Digby	Schr—Glt	1903	Meteghan River, N.S.	51 5	15 8	6 7	27	L. H. Outhouse, Tiverton, N.S.
85743	Souvenir	Quebec	Sloop	1883	St. Jean, Island of Orleans, Que.	40 3	15 2	5 4	19	François Degagné, Ile aux Coudres, Que.
75606	Sovereign	Halifax	Schr—Glt	1878	Digby, N.S.	55 7	17 7	6 0	35	Freeman G. Faulkner, Jeddore, N.S.
126442	Spar	Kenora	Scow—Chd	1909	Keewatin, Ont.	75 0	20 0	5 6	73	John T. Horne, Fort William, Ont.

[1]Formerly "Daniel." [2]Formerly "Haines Bros."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
122060	Spark	Chatham, N.B.	Schr—Glt	1907	New Bandon, N.B.	32 0	12 0	10 0	10	The William Fruing Co., Ltd., Shippigan Island, N.B.
50370	Sparkling Billow	St. Andrews	Schr—Glt	1860	Edgecomb, Me., U.S.A.	48 0	16 9	6 3	25	Geo. R. Batson, Campobello, N.B.
111840	Sparrow	Digby	Schr—Glt	1902	Meteghan, N.S.	46 0	12 5	7 0	28	Moses Terrio, Meteghan, N.S.
69383	Speedwell	Gaspé	Schr—Glt	1876	Corner of Beach, Que.	48 5	15 3	7 3	34	Fred. A. Assells, New Carlisle, Que.
85596	Speedwell	St. John, N.B.	Schr—Glt	1883	Chipman, N.B.	78 4	26 4	6 9	83	Mrs. Ellen G. Driscoll, St. John, N.B.
42438	Speedy	Gaspé	Schr—Glt	1872	Point St. Peter, Que.	69 7	20 4	8 6	65	Robin, Jones & Whitman, Ltd., Halifax, N.S.
103610	Speedy	Sydney, N.S.	Schr—Glt	1887	Burgeo, Nfld.	30 0	9 4	6 6	5	H. J. Ford, North Sydney, N.S.
116746	Spindrift	Halifax	Schr—Glt	1905	Mahone Bay, N.S.	44 2	12 4	6 0	15	Albert Conrad, M.O., Rose Bay, N.S.
103475	Spindrift	Victoria	Schr—Glt	1895	Esquimalt, B.C.	42 0	14 8	4 4	13	S. A. Bantly and August Alexander, Victoria, B.C.
111529	Spray	Digby	Schr—Glt	1901	Digby, N.S.	34 5	10 3	5 5	12	Edward C. Campbell, Digby, N.S.
107810	Spray	St. John, N.B.	Schr—Glt	1900	Greenwich, N.B.	67 7	22 0	5 8	72	C. H. Gorham, *et al.*, Greenwich, N.B.
103253	Spring Bird	St. John, N.B.	Schr—Glt	1893	Wickham, N.B.	40 4	14 1	4 2	19	A. W. Theall, Westfield, N.B.
121672	Spud	Vancouver	Scow—Chd	1904	New Westminster, B.C.	50 0	22 0	5 4	51	Geo. E. Gilley, New Westminster, B.C.
94997	Spy	Charlottetown	Schr—Glt	1889	Pinette, P.E.I.	55 7	16 5	6 3	35	Hezekiah Quinn, Pictou, N.S.
112025	Squanto	Canso	Schr—Glt	1903	Spry Harbour, N.S.	40 0	12 2	6 2	13	Frank H. Hawes, Canso, N.S.
121660	Squanto	Yarmouth	Sloop	1904	Cape Island, N.S.	33 0	11 4	6 0	11	Howard B. Calder, Campobello, N.B.
72950	Stadacona	Quebec	Schr—Glt	1875	Les Eboulements, Que.	85 1	24 0	10 4	132	V. Bouchard, Isle aux Coudres, Que.
85612	Standard	Halifax	Schr—Glt	1883	Parrsboro', N.S.	72 1	25 4	6 6	65	Henry Beazley, M.O., Halifax, N.S.
100963	Stanley	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	34 0	12 3	4 4	10	A. D. Gionet, Caraquet, N.B.
103087	Stanley	Chatham, N.B.	Schr—Glt	1893	Caraquet, N.B.	34 0	12 5	4 8	10	Amée Chiasson, Island River, N.B.
111744	Stanley	Lunenburg	Schr—Glt	1902	Chester Basin, N.S.	94 8	24 2	9 6	74	Parblu Sawh, Georgetown, Demerara.
125992	Stanley	Quebec	Barge—Chd	1907	St. Alexis, Que.	106 0	22 5	7 8	162	Canadian Bank of Commerce, Toronto, Ont.
69193	Star	Halifax	Schr—Glt	1874	Mahone Bay, N.S.	55 0	18 2	6 8	33	David Goyetche, Cape Hogan, N.S.
103155	Star	Vancouver	Schr Glt	1895	Vancouver, B.C.	34 9	11 2	4 2	9	John W. Johnstone, Vancouver, B.C.
53600	Starlight	Halifax	Scht—Glt	1865	Chezzetcook, N.S.	47 7	16 0	6 8	29	Phellp E. Lake, Grand Bank, Nfl'd.
103193	Startle	Halifax	Schr—Glt	1894	Port Mouton, N.S.	34 0	12 2	5 6	11	Théotime Blanchard, Caraquet, N.B.
88465	Stella	Richibucto	Schr—Glt	1893	River Bourgeois, N.S.	64 3	18 3	7 3	46	John B. Girroir, West Arichat, N.S.
107188	Stella	Charlottetown	Schr—Glt	1899	Rollo Bay, P.E.I.	40 0	13 9	5 4	15	P. P. Delaney, Magdalen, Islands, Que.
83500	Stella	Liverpool	Schr—Glt	1883	Port Mouton, N.S.	31 5	11 4	6 0	10	Joseph Winters, Liverpool, N.S.
111491	Stella Marie	Quebec	Schr—Glt	1899	Les Ecureuils, Que.	80 0	22 6	6 9	80	Napoléon Martin, Les Ecureuils, Que.
103767	Stella Maris	Chatham, N.B.	Schr—Glt	1896	Caraquet, N.B.	38 5	14 0	4 8	19	Robin, Jones & Whitman, Ltd., Halifax, N.S.
73976	Stella Maris	Quebec	Schr—Glt	(1867) (1890)	St. Antoine, Que.	62 4	20 8	5 9	44	Joseph Dussault, Les Ecureuils, Que.
80753	Stella Maris	Quebec	Schr—Glt	1880	Esquimaux Point, Que.	61 6	20 5	7 8	51	Michel Blais, Rivière Romaine, Que.
112038	Steila Maris	Quebec	Schr—Glt	1902	Manicouagan, Que.	55 8	17 0	6 0	32	Eusébe Godreau, Manicouagan, Que..
100444	Stella May	Canso	Schr—Glt	1895	Canso, N.S.	39 0	11 4	6 1	12	James Meagher, Canso, N.S..

116750	Stella R.	Halifax	Schr—Glt.	1905	Ship Harbour, N.S.	45	5	13 8	5 4	13	David T. Leslie, Spry Bay, N.S.
126841	Stephen D.	Quebec	Dredge-Drague	1904	Lévis, Que.	71	4	29 0	6 1	211	La Compagnie General d'Entreprises Publiques, Lévis, Que
122487	Stephen P. Grogan	Quebec	Barge—Chd.	1907	St. Alexis, Que.	106	0	22 5	7 8	162	Canadian Bank of Commerce, Toronto, Ont
121986	Stewart	Victoria	Barge—Chd.	1907	White Horse, Y.T.	105	5	34 5	5 5	166	The British Yukon Navigation Co., Ltd., Victoria, B.C.
137981	Stone Boy	Kingston	Scow—Chd.	1915	Kingston, Ont.	80	9	19 9	6 0	82	Grant Pyke, Kingston, Ont.
90648	Stranger	Barrington Passage	Schr—Glt.	1885	Argyle, N.S.	46	0	14 3	5 8	20	Herbert G. Snell, St. Andrews, N.B.
96809	Stranger	Halifax	Schr—Glt.	1891	Ship Harbour, N.S.	49	8	17 3	7 0	36	Robert Carter, Ship Harbour, N.S.
111407	Strathcona	Lunenburg	Schr—Glt.	1900	Lunenburg, N.S.	90	4	24 3	9 3	89	Wm. Vincent, Bay St. George, Nfld.
72964	[1]Stuart H. Dunn	Montreal	Schr—Glt.	(1877 (1889	South Marysburgh, Ont. Point Robinson, Ont.	164	8	26 8	12 7	458	Mrs. Thomas Simpson, Montreal, Que.
103940	Stuart L.	Chatham, N.B.	Schr—Glt.	1898	Chatham, N.B.	58	5	19 9	8 2	48	W. S. Loggie Co., Ltd., Chatham, N.B.
107770	Success	Charlottetown	Schr—Glt.	1903	St. Peter's Bay, P.E.I.	38	0	12 6	5 0	15	John W. Jenkins, Murray Harbour, P.E.I.
122561	Sultana	Peterboro'	Barge—Chd.	1907	Gore's Landing, Ont.	63	5	16 0	3 9	29	Wm. Buller, Peterboro', Ont.
137916	Summer Home	Chatham, N.B.	Schr—Glt.	1915	Upper Lamek, N.B.	40	5	13 5	6 0	18	Clement Lanteigne, Upper Lamek, N.B.
122056	Sunbeam	Chatham, N.B.	Schr—Glt.	1907	Shippigan Island, N.B.	38	6	13 2	5 3	14	The William Fruing Co., Ltd., Shippigan Island, N.B.
74018	Sunbeam	Halifax	Schr—Glt.	1876	Mahone Bay, N.S.	71	6	22 4	8 9	74	John S. Evitt, Bay of Islands, Newfoundland.
137875	Sunny Day	Lunenburg	Schr—Glt.	1915	West Dover, N.S.	38	4	10 5	5 4	11	Daniel Publicover, M.O., West Dover, N.S.
107076	Sunol	St. John, N.B.	Sloop.	1893	St. John, N.B.	27	0	10 5	3 9	6	W. G. Stratton, *et al.*, St. John, N.B.
96962	Sunrise	Yarmouth	Schr—Glt.	1890	Jordan River, N.S.	42	0	14 3	6 7	18	Daniel Burke, M.O., River Bourgeois, N.S.
103826	Superbe	Paspebiac	Schr—Glt.	1903	Petit Rocher, N.B.	39	5	10 9	4 3	12	George A. Jarvis, Fredericton, N.B.
111845	Superior	Chatham, N.B.	Schr—Glt.	1901	Caraquet, N.B.	40	0	13 1	5 5	14	Robin, Jones & Whitman, Ltd., Halifax, N.S.
133995	Supple Jack	Chatham, N.B.	Schr—Glt.	1910	Caraquet, N.B.	34	0	10 0	4 5	11	Thaddée C. Russell, Shippigan, N.B.
121814	Surge	Digby	Sloop.	1906	Gilbert's Cove, N.S.	37	0	14 6	5 4	17	Joseph D. White, Gilbert's Cove, N.S.
100448	Surprise	Canso	Schr—Glt.	1898	Canso, N.S.	40	8	13 8	6 7	15	John J. Meagher, Canso, N.S.
92745	Surprise	Charlottetown	Schr—Glt.	1893	Port Elgin, N.B.	46	5	13 5	6 2	18	J. H. Pigeon, French River, New London, P.E.I.
103772	Surprise	Chatham, N.B.	Schr—Glt.	1894	Caraquet, N.B.	36	0	11 9	4 8	10	T. Blanchard, Caraquet, N.B.
75453	Susan	Windsor, N.S.	Schr—Glt.	1877	Kempt, N.S.	43	6	14 8	6 3	19	Jeremiah Dexter, Cheverie, N.S.
85390	Susan C.	Barrington Passage	Schr—Glt.	1883	St. Margaret's Bay, N.S.	44	3	15 0	6 5	21	Sewell A. Newman and Charles E. Newman, J. O., Wilson's Beach, Campobello, N.B.
69433	Susan King	Charlottetown	Schr—Glt.	(1875 [1901	Tatamagouche, N.S. Port Elgin, N.B.	53	6	16 9	5 3	28	S. Vanember, *et al.*, North Port, N.S.
92367	Susie Pearl	St. John, N.B.	Schr—Glt.	1887	Waterborough, N.B.	75	8	24 7	6 8	75	Joshua Prescott, Sussex, N.B.
80866	Swallow	Charlottetown	Schr—Glt.	1885	Wallace, N.S.	48	7	17 7	6 6	29	J. & C. Hickman, Ltd., Port Elgin, N.B.
103006	Swallow	Chatham, N.B.	Schr. Glt.	1893	Shippigan, N.B.	34	0	12 2	4 6	11	T. Ahier, Shippigan, N.B.
103947	Swallow	Chatham, N.B.	Schr—Glt.	1899	Caraquet, N.B.	37	0	12 6	5 0	13	The C. Robin Collas Co., Ltd., Halifax, N.S.
83093	Swallow	Port Hawkesbury	Schr—Glt.	1880	Margaree, N.S.	36	0	12 0	5 6	12	Duncan McDonald, Margaree, N.S.
103762	Swan	Chatham, N.B.	Schr—Glt.	1896	Caraquet, N.B.	38	1	13 0	4 8	48	T. Ahier, Shippigan, N.S.
100609	Swan	Digby	Schr—Glt.	1893	Shelburne, N.S.	73	0	19 2	7 5	56	George Morrell, Sandy Cove, N.S.,
122075	Swan	Toronto	Scow—Chd.	1906	Huntsville, Ont.	48	0	18 3	3 3	66	The Huntsville, Lake of Bays & Lake Simcoe Nav.Co.,Ltd., Huntsville, Ont.
122111	Sweet Home	Sydney, N.S.	Schr—Glt.	1906	Sydney, N.S.	38	8	13 5	5 1	14	John Marshall, Sydney, N.S.
100986	Swift	Chatham, N.B.	Schr—Glt.	1888	Caraquet, N.B.	35	6	12 6	5 0	11	Chas. DeGruchy, Caraquet, N.B.
90493	Swift Current	Charlottetown	Schr—Glt.	1885	St. Margaret's Bay, N.S.	64	8	22 0	7 8	65	Charles Hannam, Baddeck, N.S.
103761	Swing	Chatham, N.B.	Schr—Glt.	1893	Caraquet, N.B.	34	6	12 3	4 8	11	Agapit Albert, Caraquet, N.B.
126052	[2]Sydenham (The)	Owen Sound	Dredge-Drague	1908	Welland, Ont.	100	0	36 0	7 4	348	Canadian Dredging Co., Ltd., Midland, Ont.
131142	T. 4	Vancouver	Scow—Chd.	1909	New Westminster, B.C.	60	0	22 0	6 2	102	Charles A. Thompson, Vancouver, B.C.
126755	T. F. M. No. 1	Montreal	Scow—Chd.	1892	Ogsdensburg, N.Y., U.S.A	58	5	18 0	5 6	54	The T. F. Moore Co., Montreal, Que.
126753	T. F. M. No. 2	Montreal	Dredge-Drague	1892	Ogdensburg, N.Y., U.S.A.	71	0	22 0	4 5	151	The T. F. Moore Co., Montreal, Que.
126756	T. F. M. No. 3	Montreal	Scow—Chd.	1895	Ogdensburg, N.Y., U.S.A.	58	5	18 0	6 2	61	The T.F. Moore Co., Montreal, Que.
126754	T. F. M. No. 4	Montreal	Dredge-Drague	1895	Ogdensburg, N.Y., U.S.A.	76	4	23 7	3 6	143	Fallon Bros., J.O., Cornwall, Ont.
134008	T. H. B.	Chatham, N.B.	Schr—Glt.	1914	Caraquet, N.B.	43	8	13 6	5 4	18	Theotime H. Le Bouthillier, Caraquet, N.B.
138461	T. H. D. No. 1	Sault Ste. Marie	Scow—Chd.	1904	Garden River, Ont.	27	5	12 0	4 0	13	Thomas H. DeCew, Sault Ste. Marie, Ont.
130705	T. H. 28	Vancouver	Scow—Chd.	1911	New Westminster, B.C.	61	3	26 0	6 9	102	Thomas Y. Hebron, Vancouver, B.C.
111822	T. J. K. 1	Vancouver	Scow—Chd.	1901	Vancouver, B.C.	72	0	21 0	5 0	59	Emerson Lumber Co., Ltd., Vancouver, B.C.
116460	T. J. K. No. 2	Victoria	Scow—Chd.	1903	Vancouver, B.C.	98	0	30 0	5 7	143	The Vancouver Portland Cement Co., Ltd., Toronto, Ont.
138286	T. N. G.	Chatham, N.B.	Schr—Glt.	1917	Caraquet, N.B.	45	0	14 6	6 3	23	Martin N. Gionet, Caraquet, N.B.

[1]Formely "W. R. Taylor." [2]Formerly "The Main."

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141031	T. R. N. No. 1	Vancouver	Scow—Chd	1912	New Westminster, B.C.	81 2	26 0	6 9	123	Vancouver Gas Co., Ltd., (Liability) Vancouver, B.C.
133846	T.R. N. No. 2	Vancouver	Scow—Chd	1912	Vancouver, B.C.	64 3	26 1	6 5	105	Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.
138725	T. T. 1	New Westminster	Scow—Chd	1910	New Westminster, B.C.	81 0	26 0	6 8	124	The Pacific Construction Co., Ltd., Vancouver, B.C.
134449	T. & C	Toronto	Barge—Chd	1902	Buffalo, N.Y., U.S.A.	113 0	22 0	11 0	215	The Lake Simcoe Ice Supply & Cold Storage Co., Ltd. Toronto, Ont.
126567	T. W. J. Whittier	Sydney, N.S.	Schr—Clt	1907	Ingonish, N.S.	39 0	12 4	6 4	15	Charles Mauger, Ingonish Ferry, N.S.
116885	T. Lilly	Arichat	Schr—Glt	1903	Port Felix, N.S.	33 8	10 9	5 2	10	Wm. Williams and Wm Pert, J.O., Tor Bay, N.S.
130722	Tacoma	Halifax	Schr—Glt	1906	Tancook, N.S.	40 2	10 0	5 2	11	Mrs. Rosa G. Wambolt, Indian Harbour, N.S..
103614	Tadousac	Quebec	Sloop	1895	Tadousac, Que.	53 5	17 9	4 9	41	Charles Lajoie, St. Fulgence, Que.
121985	Tahkecna	Victoria	Barge—Chd	1907	White Horse, Y.T.	106 0	34 5	5 6	167	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
116417	Taku	Victoria	Barge—Chd	1903	Caribou, Y.T.	60 0	15 0	4 0	66	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
111800	Tallahassee	Port Hawkesbury	Schr—Glt	1908	Cheticamp, N.S.	34 5	10 0	5 0	12	Simon Belfountaine, Cheticamp, N.S.
103754	Talmouth	Guysborough	Schr—Glt	1897	La Have, N.S.	92 8	24 4	10 0	100	Charles O. Maguire, Guysboro, N.S.
134050	Tancook	Lunenburg	Schr—Glt	1914	Tancook, N.S.	59 4	16 4	7 6	37	Ernest Covey, M. O., Tancook, N.S.
138001	Tango	Port Arthur	Scow—Chd	1911	Midland, Ont.	138 0	36 5	9 2	401	The Port Arthur Construction Co., Ltd., Port Arthur, Ont.
107541	Taniwha	St. John, N.B.	Sloop	1897	St. John, N.B.	33 3	9 9	4 2	6	Patrick Coulin, St. John, N.B.
122382	Tantalus	Victoria	Barge—Chd	1907	White Horse, Y.T.	120 0	38 7	5 6	211	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
126718	Tantiwana	St. John, N.B.	Dredge- Drague	1910	Upper Gagetown, N.B.	66 4	25 1	5 1	159	St. John River Dredging & Construction Co., Ltd., Fredericton, N.B.
74129	Telephone	Charlottetown	Schr—Glt	1877	Port Medway, N.S.	73 3	20 7	8 3	70	Norman Munroe, New Harris, N.S.
59387	Telephone	St. Andrews	Schr—Glt	1877	St. Andrews, N.B.	43 0	15 2	6 1	19	A. Stanley and J. E. Gaskill, Grand Manan, N.B.
121707	Temeraire	Toronto	Sloop	1905	Oakville, Ont.	50 0	10 0	6 0	18	F. Nicholls, Toronto, Ont.
116642	Temiscamingue No. 1.	Ottawa	Barge—Chd	1903	Ottawa, Ont.	60 0	12 0	3 6	42	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
116643	Temiscamingue No. 2.	Ottawa	Barge—Chd	1903	Ottawa, Ont.	60 0	12 0	3 6	42	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
116644	Temiscamingue No. 3.	Ottawa	Barge—Chd	1903	Ottawa, Ont.	60 0	12 0	3 6	42	The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
74062	Temperance	Windsor, Ont.	Schr—Glt	1877	Tilbury West, Ont.	66 0	17 0	4 1	38	J. B. Gervais, Tilbury West, Ont.
126943	Tenderfoot	Vancouver	Schr—Glt	1910	Victoria, B.C.	33 0	10 5	5 8	9	Frederick O. Mills, Vancouver, B.C..
122135	10 U. S.	Yarmouth	Sloop	1906	Shelburne, N.S.	36 6	12 3	7 0	16	Wilson Rankin, Yarmouth, N.S.
90784	Teresa	Victoria	Schr—Glt	1883	San Salvador, C.A.	80 0	22 3	7 2	63	Prince Rupert Black Cod Fisheries., Ltd., Vancouver, B.C.,
121972	Teslin	Victoria	Barge—Chd	1906	White Horse, Y.T.	105 7	34 5	5 5	159	The British Yukon Navigation Co., Ltd., Vancouver, B.C.
116964	Tethys	St. Andrews	Schr—Glt	1896	West Isles, N.B.	38 0	14 2	7 6	20	George Thompson, Chance Harbour, N.S.
100777	Teutonic	Chatham, N.B.	Schr—Glt	1892	Caraquet, N.B.	36 0	13 0	4 6	11	W. S. Loggie, Co., Ltd., Chatham., N.B.
117139	Thalia D	Yarmouth	Sloop	1904	Cape Island, N.S.	31 0	11 0	6 0	10	J. L. Gallagher, Yarmouth, N.S.

112273	The III	Montreal	Sloop	1903	Dorval, Que	26	4	7	4	1	5	James J. Riley, jr., Montreal, Que.
100015	Thelma	Annapolis Royal	Schr—Glt	1895	Granville Ferry, N.S	68	5	20	0	7	4	49 Clarence W. Anderson, *et al.*, Sherbrooke, N.S.
117055	Thelma	Canso	Schr—Glt	1906	Canso, N.S	39	0	13	0	7	0	15 Alexander M. Roberts, Canso, N.S.
122236	Thelma B	Barrington Passage	Sloop	1907	Port Clyde, N.S	31	0	12	6	6	6	12 Herbert R. Swim, Lockeport, N.S.
116895	Thelma E	Shelburne	Sloop	1903	Clarke's Harbour, N.S	35	0	11	8	6	0	11 E. C. Acker, Harts Point, N.S., and R. T. Acker, Shelburne, N.S
130253	Thelma G	Windsor, N.S	Schr—Glt	1916	Kingsport, N.S	38	2	12	6	4	6	11 F. W. Green and B. E. Gibson, Kingsport, N.S.
107492	Themis	Quebec	Schr—Glt	1898	Baie St. Paul, Que	40	8	13	0	4	8	17 A. H. Simard, Baie St. Paul, Que.
122639	Theodore Voges	Kingston	Schr—Glt	1876	Black River, O., U.S.A	103	2	24	1	7	9	132 John Gowan, Deseronto, Ont.
137920	Theophile	Chatham, N.B	Schr—Glt	1915	Mizonette, N.B	33	0	11	0	5	0	10 William M. Boudreau, Mizonette, N.B.
92577	Thetis	Halifax	Cutter	1888	Dartmouth, N.S	21	8	6	5	5	3	4 H. R. McLaren, Halifax, N.S.
107545	Thetis	St. John, N.B	Sloop	1898	St. John, N.B	28	0	10	0	3	2	5 Henry R. McLellen, St. John, N.B.
83074	Thistle	Ottawa	Barge—Chd	1869	Kingston, Ont	108	0	22	3	5	5	117 John Eligh and David Eligh, J. O., Burritt's Rapids, Ont.
125994	Thistle	Quebec	Schr—Glt	1907	Montmagny, Que	94	8	26	3	5	4	80 The Price Bros,. & Co., Ltd., Quebec, Que.
97145	Thistle	St. Andrews	Sloop	1888	Grand Manan, N.B	27	0	12	9	5	0	12 Frank Ingersoll, Grand Manan, N.B.
107074	Thistle	St. John, N.B	Sloop	1897	St. John, N.B	31	0	11	2	4	0	8 Cecil F. McLean, St. John, N.B.
121979	Thomas F. Bayard	Victoria	Schr—Glt	1880	Brooklyn, N.Y., U S.A	86	0	21	1	8	6	67 The Minister of Marine and Fisheries, Ottawa, Ont.
90893	Thomas H	Yarmouth	Schr—Glt	1889	Pubnico, N.S	40	0	13	5	5	1	13 Seth Nickerson, Barrington, N.S.
134501	Thomas J. Conway	Canso	Schr—Glt	1914	White Haven, N.S	46	0	12	9	6	8	17 Edmund Conway, M. O., White Haven, N.S.
138492	Thomas McDougall	Montreal	Barge—Chd	1917	Charlemagne, Que	128	9	27	3	7	3	219 St Maurice Paper Co. Ltd., Montreal, Que.
131101	Thorella III	Montreal	Sloop	1910	Dorval, Que	39	8	8	1	2	3	4 William C. Finley, Montreal, Que.
88542	Three Bells	Charlottetown	Schr—Glt	1884	Lockeport, N.S	79	0	23	9	9	0	92 Joseph Read and Sampson Grady, Summerside, P.E.I.
117184	Three Brothers	Chatham, N.B	Schr—Glt	1905	Shippigan Island, N.B	41	7	13	4	5	4	16 W. S. Loggie, Co., Ltd., Chatham, N.B.
96738	Three Brothers	Chatham, N.B	Schr—Glt	1890	Shippigan, N.B	35	2	12	5	4	8	12 John Young, Tracadie, N.B.
42432	Three Brothers	Gaspé, Que	Schr—Glt	1866	Esquimaux Point, Que	49	6	16	0	6	9	36 Xavier Boudreau, Esquimaux Point, Que.
131062	Three Cousins	Lunenburg	Schr—Glt	1909	Tancook, N.S	41	2	10	2	5	6	13 E. R. Lowe, and R. P. Scott, North Sydney, N.S.
126778	303	Richibucto	Schr—Glt	1911	Richibucto, N.B	30	0	11	9	5	0	10 W. E. Forbes, Richibucto, N.B.
107440	Three Links	St. Andrews	Sloop	1899	Grand Manan, N.B	30	0	11	0	6	0	12 Robert A. Mann, Grand Manan, N.B.
116825	Three Sisters	Barrington Passage	Sloop	1903	Bear Point, N.S	30	0	12	0	6	2	11 Wallace H. Penney, M.O., Cape Island, N.S.
100814	Three Sisters	Barrington Passage	Schr—Glt	1894	Bear Point, N.S	38	5	13	0	4	2	10 F. O. Brindley, Chebogue, N.S.
126022	Three Swallows	Sydney, N.S	Schr—Glt	1897	Glace Bay, N.S	30	2	12	0	5	0	7 Benj. Gracie, Little Bras d'Or, N.S.
117052	Thrush	Canso	Schr—Glt	1899 1903	Beckerton, N.S	31	6	11	4	5	7	10 David Myers, Canso, N.S.
103082	Thrush	Chatham, N.B	Schr—Glt	1890	Shippigan, N.B	32	4	12	0	4	8	10 T. Ahier, Shippigan, N.B.
92666	Thurso	Ottawa	Barge—Chd	1887	Rockland, Ont	105	0	22	5	7	5	153 The Ottawa Transportation Co., Ltd., Ottawa, Ont.
100918	Tickler	Chatham, N.B	Schr—Glt	1892	Caraquet, N.B	39	0	12	8	5	3	12 Robin, Jones & Whitman, Ltd., Halifax, N.S.
134409	Tipperary	Lunenburg	Schr—Glt	1915	Lunenburg, N.S	96	2	24	4	9	4	92 Norman Reinhardt, M.O., La Have, N.S.
96961	Tivoli	Halifax	Schr—Glt	1890	Little Harbour, N.S	41	0	15	0	6	5	24 Louis Garnier, St. George's, Nfld.
134599	Toad	Paspebiac	Schr—Glt	1916	Grand River, Que	36	3	12	5	3	6	10 Robin, Jones & Whitman, Limited, Halifax, N.S.
117086	Togo	Collingwood	Dredge- Drague	1897	Lachine, Que	85	0	27	0	7	6	269 Robert and Rob. G. Weddell, Trenton, Ont.
116532	Togo	Lunenburg	Schr—Glt	1905	Tancook Island, N.S	43	2	11	0	6	2	14 William J. Peitzsch, White Haven, N.S
116448	Togo	Shelburne	Schr—Glt	1904	Sable River, N.S	45	5	15	4	5	9	18 H. R. L. Bell and A. L. Peterson, Lockeport, N.S
116893	Togo	Yarmouth	Schr—Glt	1904	Pubnico, N.S	38	0	13	0	5	0	12 Arthur Goreham, Woods Harbour, N.S.
111949	Tom No. 1	New Westminster	Barge—Chd	1901	New Whatcom, Wash., U.S.A.	49	7	14	5	3	0	63 Henry D. Benson, Ladners, B.C.
92423	Topsy	Prescott	Scow—Chd	1886	Iroquois, Ont	46	0	13	0	4	0	22 Mrs. Sarah M. Carman, Iroquois, Ont
137895	Tornado	Toronto	Dredge- Drague	1914	Toronto, Ont	170	0	42	1	12	0	737 B. Osler and M. Lash, J. O., Toronto, Ont.
121875	Toronto	Yarmouth	Sloop	1906	Clarke's Harbour, N.S	36	0	12	0	6	0	13 A. C. Atkinson, Port La Tour, N.S.
107369	[3]Toronto Harbour Commission Dredge No. 1.	Toronto	Dredge- Drague	1896	Toronto, Ont	90	0	27	6	4	6	180 The Toronto Harbour Commissioners, Toronto, Ont.
122214	[4]Toronto Harbour Commission Dredge No. 2.	Toronto	Dredge- Drague	1906	Toronto, Ont	90	5	30	5	5	2	234 The Toronto Harbour Commissioners, Toronto, On
125978	[5]Toronto Harbour Commission Dredge No. 3.	Toronto	Dredge- Drague	1908	Toronto, Ont	110	1	30	1	7	3	306 The Toronto Harbour Commissioners, Toronto, Ont.
134345	Tot Q	Montreal	Scow—Chd	1912	Montreal, Que	70	2	20	0	4	3	48 Quinlan & Robertson, Ltd., Montreal, Que.

[1]Formerly "Beatrice." [3] Formerly "Daniel Lamb." [4] Formerly "City Dredge No. 2." [5] Formerly "City Dredge No. 3."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement	Built—Construit en.	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
107143	Transfer No. 1	Vancouver	Scow—Chd.	1898	Vancouver, B.C.	186 4	40 0	12 0	773	Canadian Pacific Railway Co., Montreal, Que.
122381	Transfer No. 2	Victoria	Barge—Chd.	1907	Victoria, B.C.	233 0	40 7	12 0	973	Canadian Pacific Railway Co., Montreal, Que.
130606	Transfer No. 3	Victoria	Barge—Chd.	1911	Esquimalt, B.C.	250 0	42 0	10 8	927	Canadian Pacific Railway Co., Montreal, Que.
134031	Transfer No. 4	Victoria	Barge—Chd.	1913	Esquimalt, B.C.	260 0	42 1	12 6	895	Canadian Pacific Railway Co., Montreal, Que.
134036	Transfer No. 5	Victoria	Barge—Chd.	1913	Nelson, B.C.	224 1	42 5	7 9	681	Canadian Pacific Railway Co., Montreal, Que.
134648	Transfer No. 6	Victoria	Barge—Chd.	1904	Hoquiam, Wash., U.S.A.	142 6	42 0	12 1	622	Canadian Pacific Railway Co, Montreal, Que.
138773	Transfer No. 7	Victoria	Barge—Chd.	1917	Victoria, B.C.	146 8	46 4	10 5	599	Canadian Pacific Railway Co. Montreal, Que.
126125	Trentoa	Kingston	Dredge-Drague	1908	Trenton, Ont.	74 8	30 6	7 6	251	Robert Weddell, M.O., Trenton, Ont.
92567	Trial	Halifax	Schr—Glt.	1882	Margaree, N.S.	36 0	12 8	5 6	13	Alexander Cormie, Margaree, N.S.
112114	Tribune	Halifax	Schr—Glt.	1903	Mahone Bay, N.S.	44 6	15 0	6 5	22	Frederick Field, Mushnboom, N.S.
103179	Trilby	Digby	Schr—Glt.	1895	Sable River, NS.	53 7	16 5	7 1	31	F. S. Lent, *et al.*, Freeport, N.S.
130353	True Darling	Arichat	Schr—Glt.	1910	Port Felix, N.S.	33 4	11 9	5 6	18	Remey Belfountain, Port Felix, N.S.
107994	True Love	Canso	Schr—Glt.	1895	Canso, N.S.	37 0	10 5	5 8	10	David Walsh, Canso, N.S.
103531	True Love	Halifax	Schr—Glt.	1889	Sambro, N.S.	33 2	11 4	5 6	10	John C. Arnold, Terence Bay, N.S.
88414	Trumpet	St. John, N.B.	Schr—Glt.	1837	Essex, Mass., U.S.A.	45 2	13 9	6 0	20	A. W. Holmes, Beaver Harbour, N.B.
141162	Truro Queen	Parrsboro	Schr—Glt.	1918	Economy, N.S.	150 5	34 7	12 0	386	H. D. McLean and H. C. Mckay, J.O., Economy, N.S.
103998	Try Again	St. Andrews	Sloop	1898	Meteghan, N.S.	36 1	13 0	5 0	15	A. W. Ingersoll, Grand Manan, N.B.
126377	Tuareg	Halifax	Sloop	1907	Brooklyn, N.S.	26 8	7 8	3 0	3	Alfred F. Haliburton, Halifax, N.S.
134323	Tuxedo	Chatham, N.B.	Schr—Glt.	1914	Shippigan, N.B.	42 0	11 5	4 8	12	Hector De Grace, Shippigan, N.B.
134594	Tuz	Paspebiac	Schr—Glt.	1915	Grand River, Que.	33 6	10 5	4 0	7	Charles Diotte, Grand River, Que.
75833	Twilight	Halifax	Schr—Glt.	1878	Owl's Head, N.S.	42 0	14 4	6 0	14	H. R. Garrison, Ingramport, N.S.
138239	Twin Sisters	Montreal	Schr—Glt.	1889 / 1917	East Sagenaw Mich, U.S.A. / Sorel, Que.	203 8	35 3	14 5	772	The Barge Twin Sisters Co. Ltd., Montreal, Que.
121792	Twin Sisters	Yarmouth	Sloop	1905	Shelburne, N.S.	31 0	11 0	6 0	10	Osborne D. Smith, *et al.*, Cape Island, N.S.
122184	Two Brothers	Arichat	Schr—Glt.	1907	Main-à-Dieu, N.S.	43 0	13 4	5 5	19	Patrick Campbell, Main-à-Dieu, N.S.
107991	Two Brothers	Canso	Schr—Glt.	1898	Port Felix, N.S.	40 0	13 0	6 4	14	Frederick Jello, Port Felix, N.S.
103583	Two Brothers	Chatham, N.B.	Schr—Glt.	1895	Shippigan, N.B.	37 0	12 4	4 8	11	W. S. Loggie Co., Ltd., Chatham, N.B.
80711	Two Brothers	Halifax	Sloop	1880	Paspebiac, Que.	49 0	15 1	6 9	30	Garfield Johnston and William Johnston, Peters Road, P.E.I.
80879	Two Brothers	Picton, Ont.	Sloop	1881	Battersea, Ont.	95 0	18 6	4 8	56	A. G. Cousins, *et al.*, Belleville, Ont.
117138	Two Brothers	Yarmouth	Sloop	1904	Pinkney's Point, N.S.	34 0	11 3	6 0	11	Lorey Ross, Yarmouth, N.S.
92749	Two Sisters	Sackville	Schr—Glt.	1896	Sackville, N.B.	76 6	25 0	7 2	86	Ed. Kennie, Riverside, N.B.
122107	Two Sisters	Yarmouth	Sloop	1905	Shelburne, N.S.	30 0	10 6	6 0	10	Thomas H. Chatwynd, Woods Harbour, N.S.
83287	Twylight	Kingston	Sloop	1882	Dog Lake, Ont.	79 0	15 8	4 5	41	Clement Bell, Belleville, Ont.
85410	Typhon	Magdalen Islands	Schr—Glt.	1912	House Harbour, M.I., Que.	69 3	19 8	7 4	58	Anicet Arseneau, M.O., House Harbour, M.I., Que.

134479	U. Marcotte	Montreal	Scow—Chd	1915	Montreal, Que	140	3	42	2	9	7	463	Quinlan & Robertson, Ltd., Montreal, Que
138109	U. Paris	Montreal	Sloop	1916	Cape Magdalen, Que	101	7	23	3	6	6	104	Price Brothers and Company, Ltd., Quebec, Que.
138559	Uda R. Corkum	Lunenburg	Schr—Glt	1918	Lunenburg, N.S.	112	8	26	3	10	4	100	Freeman Corkum, M.O., Lunenburg, N.S.
103869	Uganda	Halifax	Schr—Glt	1898	Ship Harbour, N.S.	38	8	12	7	5	2	14	R. Doherty, Eastern Passage, N.S.
103172	[2]Una	Guysborough	Schr—Glt	1894	Shelburne, N.S.	77	2	22	2	8	2	82	Chas. O. Maguire, Guysboro, N.S.
100235	Una	Halifax	Schr—Glt	1893	Pleasant Harbour, N.S.	34	8	11	9	4	1	9	J. Conran, Halifax, N.S.
61916	Union	Quebec	Schr—Glt	1870	Jeddore, N.S.	44	0	16	4	6	1	23	Felix Gagné, Malbaie, Que.
94750	Union	St. John, N.B.	Schr—Glt	1889	St. Martin's, N.B.	79	0	26	6	7	3	97	John J. Shields, Alma, N.B.
112159	United Empire	Chatham, N.B.	Schr—Glt	1903	Caraquet, N.B.	42	0	14	0	5	6	17	Mrs. Sarah Young and F. T. B. Young., J.O., Caraquet, N.B.
100123	Uno	Wallaceburg	Barge—Chd	1892	Wallaceburg, Ont.	76	0	20	2	5	0	75	S. W. Whitley, Sombra, Ont.
96890	Upper Traverse	Ottawa	Light Ship			77	0	20	0	9	5	97	The Minister of Marine and Fisheries, Ottawa, Ont.
97098	Urania	Sydney, N.S.	Schr—Glt	1891	Lunenburg, N.S.	85	9	24	5	8	8	100	George Allen, Montague, P.E.I.
103417	Uruguay	Charlottetown	Schr—Glt	1895	La Have, N.S.	83	0	23	9	9	3	72	Pardhu Sawh, Georgetown, Demerara, B.W.I
94694	Utah and Eunice	Digby	Schr—Glt	1889	Freeport, N.S.	50	3	18	0	6	3	33	Joseph and William Ogilvie, Summerside, N.S.
117057	Utowana	Canso	Schr—Glt	1907	Tancook, N.S.	42	6	12	6	6	3	15	Frank C. Lohnes, M.O., Canso, N.S.
141018	V. C. M. No. 2	Vancouver	Scow—Chd	1914	Vancouver, B.C.	80	0	30	0	6	8	139	Vancouver Cedar Mills, Ltd., Vancouver, B.C.
141019	V. C. M. 4	Vancouver	Scow—Chd	1914	Vancouver, B.C.	94	9	29	5	7	5	180	Vancouver Cedar Mills, Ltd., Vancouver, B.C.
130608	V. I. T. No. 1	Victoria	Barge—Chd	1911	Victoria, B.C.	90	0	32	0	8	2	193	Vancouver Island Towing Co., Ltd., Victoria, B.C.
130616	V. I. T. No. 2	Victoria	Barge—Chd	1912	Victoria, B.C.	85	0	28	0	7	9	155	Vancouver Island Towing Co., Ltd., Victoria, B.C.
130880	V. L. 1	New Westminster	Barge—Chd	1913	New Westminster, B.C.	88	0	30	0	8	2	187	J. Hasbury & Co., Ltd., Vancouver, B.C.
141024	V. L. Co. No. 2	Vancouver	Scow—Chd	1907	Vancouver, B.C.	74	0	30	0	6	8	128	Vancouver Lumber Co., Ltd., Vancouver, B.C.
122335	V. T. B. 1	Vancouver	Scow—Chd	1907	North Vancouver, B.C.	86	2	30	2	9	0	209	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
122508	V. T. B. 3	Vancouver	Scow—Chd	1907	Vancouver, B.C.	86	4	32	1	9	0	223	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
122542	V. T. B. 4	Vancouver	Scow—Chd	1907	Vancouver, B.C.	86	5	32	0	9	1	224	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
122543	V. T. B. 5	Vancouver	Scow—Chd	1907	Vancouver, B.C.	86	4	32	0	9	1	224	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
126337	V. T. B. 6	Vancouver	Scow—Chd	1909	Vancouver, B.C.	83	6	30	4	8	2	183	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
126628	V. T. B. 7	Vancouver	Scow—Chd	1909	North Vancouver, B.C.	82	7	30	1	7	5	178	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
130293	V. T. B. 8	Vancouver	Scow—Chd	1910	Vancouver, B.C.	82	0	30	1	8	0	178	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
130296	V. T. B. 9	Vancouver	Scow—Chd	1910	Vancouver, B.C.	83	5	30	1	8	0	181	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
141122	V. T. B. No. X	Vancouver	Scow—Chd	1913	Vancouver, B.C.	85	2	30	0	7	7	167	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
141023	V. T. B. No. XI	Vancouver	Scow—Chd	1906	Vancouver, B.C.	90	2	29	9	7	3	162	Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.
130363	V. F. Williams	Sydney, N.S.	Schr—Glt	1911	Ingonish, N.S.	35	0	12	7	6	2	13	Vincent Williams and Chas. Manger, Ingonish Ferry, N.S.
130640	Vagabond	St. John, N.B.	Sloop		U.S.A.	35	9	11	1	3	1	7	Alfred E. Everett, St. John, N.B.
94743	Valdare	Digby	Schr—Glt	1888 1905	Cambridge, N.B.	83	4	27	6	7	0	95	W. G. and W. W. Clarke, Bear River, N.S.
116711	Valeda	Quebec	Schr—Glt	1904	St. Siméon, Que.	72	0	20	2	6	0	52	J. B. Brouillard, Dorval, Que.
92394	Valencia	Kingston	Schr—Glt	1888	Garden Island, Ont.	178	0	30	8	13	2	543	Montreal Transportation Co., Ltd., Montreal Que.
121651	Valentina	Yarmouth	Sloop	1905	Tusket Wedge, N.S.	32	0	10	6	6	0	10	Mrs. Rosanna Neville, Halifax, N.S.
137911	Valerina	Chatham, N.B.	Schr—Glt	1915	Caraquet, N.B.	39	0	14	0	5	8	18	Alexandre Frigault, Tracadie, N.B.
83164	Valiant	Arichat	Schr—Glt	1881	La Have, N.S.	76	5	22	5	8	8	80	Amandee Therrio and Gilbert Girrior, West Arichat, N.S.
117142	Valkyria	Halifax	Schr—Glt	1905	Indian Harbour, N.S.	42	0	11	6	6	2	13	Rufus E. Dickie, Stewiacke, N.S.
103285	Valkyrie	Chatham, N.B.	Schr—Glt	1895	Shippigan, N.B.	36	1	12	0	5	2	12	P. Rive, Caraquet, N.B.
100237	Valkyrie	Halifax	Schr—Glt	1893	Tancook, N.S.	34	4	8	6	3	6	5	H. F. Marsh, Halifax, N.S.
117143	Valmore	Halifax	Schr—Glt	1905	Mahone Bay, N.S.	42	8	12	3	5	6	11	Clayton Collupy, Lockeport, N.S.
103852	Vampire	Halifax	Schr—Glt	1897	Dartmouth, N.S.	23	6	6	6	3	5	2	R. W. Holland, Vancouver, B.C.
85758	Varuna	Quebec	Schr—Glt	1883	St. Jean Port Joli, Que.	51	0	14	9	6	5	24	J. Bouillon, Ste. Anne de la Pte. au Père, Rimouski Co., Que.
100036	Vedette	Toronto	Lugger	1892	Toronto, Ont.	46	0	9	6	5	2	6	H. L. Lazier, Hamilton, Ont.
100851	Vega	Quebec	Schr—Glt	1892	Isle aux Coudres, Que.	42	8	15	2	6	2	24	R. Daly, Quebec, Que.
100434	Velma A	Moncton	Schr—Glt	1892 1905	Harvey, N.B.	42	5	12	2	4	4	13	Elijah Chase, Sackville, N.B.
103711	Venite	Yarmouth	Schr—Glt	1897	Mavillette, N.S.	47	0	14	1	6	0	24	David Hayden, Digby, N.S.
130351	Vennie May	Arichat	Schr—Glt	1910	Charlo's Cove, N.S.	38	8	11	4	5	2	17	Thomas L. Richard, Charlo's Cove, N.S.
103058	Venus	Yarmouth	Sloop	1894	Shelburne, N.S.	28	0	11	1	5	3	8	C. Blades, Pubnico, N.S.
122134	Venus	Yarmouth	Sloop	1905	Cape Island, N.S.	30	0	10	6	6	0	10	Louis P. Surette, Tusket Wedge, N.S.
100643	[3]Vera	Victoria	Schr—Glt	1887	San Francisco, Cal., U.S.A.	74	0	21	2	8	5	60	Victoria Sealing Co., Ltd., Victoria, B.C.

[1]Foreign name "D.L.C. XXIV." [2]Recovered wreck. [3]Formerly "Halcyon."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917.

⊙Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
131179	Vera E. Himmelman	Lunenburg	Schr—Glt	1912	Mahone Bay, N.S.	109 2	26 2	10 6	99	Wm. Duff, M.O., Lunenburg, N.S.
103609	Vervena	Sydney, N.S.	Schr—Glt	1898	Gabarouse, N.S.	56 0	15 7	5 9	27	G. W. Grant, Gabarouse, N.S.
88282	Veritas	St. Andrews	Schr—Glt	1878	Eastport, Me., U.S.A.	30 3	10 6	5 6	10	Simon Leonard, West Isles, N.B.
130681	Verna L.	Lunenburg	Schr—Glt	1907	Lunenburg, N.S.	40 6	10 9	5 5	12	Wellesley Wambolt, La Have, N.S.
138647	Verna M. Lohnes	La Have	Schr—Glt	1918	Uppper La Have, N.S.	106 6	26 0	10 8	99	Albert V. Conrad, M.O., La Have, N.S.
131063	Vernie S.	Lunenburg	Schr—Glt	1907	Tancook, N.S.	38 5	9 9	4 8	10	Abraham Knickle, Blue Rocks, N.S.
121756	Verona	Vancouver	Sloop	1906	Vancouver, B.C.	26 6	8 9	3 6	7	G. C. Van Horne, Vancouver, B. C.
100608	Vesper	Shelburne	Schr—Glt	1893	Sable River, N.S.	35 4	14 0	6 0	14	Chas. Hupman, Summerville, N.S.
103274	Vesuvius	Chatham, N.B.	Schr—Glt	1888	Caraquet, N.B.	35 0	12 1	5 0	10	G. Maillett, Shippigan, N.B.
121894	Vice Reine	Shelburne	Sloop	1906	Shelburne, N.S.	41 0	13 8	5 4	12	Elzear Penney, M.O., Cape Island, N.S...
103775	Victoria	Chatham, N.B.	Schr—Glt	1897	Shippigan, N.B.	38 9	13 3	5 6	16	W. S. Loggie Co., Ltd., Chatham, N.B.
111409	Victoria	Lunenburg	Schr—Glt	1900	LaHave, N.S.	95 6	24 6	9 8	100	Alexander F. Cameron, Sherbrooke, N.S.
96996	Victoria	New Westminster	Sloop	1892	Port Guichon, B.C.	36 0	11 0	3 5	13	John A. Maxwell, Nanaimo, B.C.
90709	Victoria	St. Catharines	Scow—Chd	1870	Welland, Ont.	159 0	23 0	6 5	156	Allan J. Holloway, Toronto, Ont.
107359	Victoria	Sydney, N.S.	Schr—Glt	1899	New Haven, N.S.	37 0	12 4	5 0	11	Daniel Johnson, Louisburg, N.S.
122495	Victory	Chatham, N.B.	Schr—Glt	1907	Escuminac, N.B.	34 8	9 8	4 8	10	Joseph A. and Livingston Williston, Hardwicke, N.B.
59310	Victory	St. Andrews	Schr—Glt	1865	Harpswell, Me., U.S.A.	30 8	10 4	4 8	8	Geo. Mulholland, Campobello, N.B.
116466	Vie	Vancouver	Barge—Chd	1902	Vancouver, B.C.	62 0	20 2	2 0	22	Daniel King, Vancouver, B.C.
122549	Vie No. 2	Vancouver	Scow—Chd	1908	Vancouver, B.C.	57 3	18 3	2 5	54	J. McDonald and W. G. Gillett, J.O., Vancouver, B.C.
126338	Vie No. 3	Vancouver	Scow—Chd	1909	Vancouver, B.C.	62 8	18 3	2 8	61	Daniel King, Vancouver, B.C.
92767	Vigie	Quebec	Schr—Glt	1889	Quebec, Que.	70 7	19 0	8 6	59	Ulric Gagné, Caribou Island, Que.
92589	Vigilant	Gaspé	Schr—Glt	1894	Becscie River, Anticosti, Que.	32 6	13 0	4 6	11	Luc Cormier, Esquimaux Pt., Que.
100251	Vigilant	Halifax	Schr—Glt	1894	Tancook Island, N.S.	34 3	9 0	3 7	5	Dudley Mills, Halifax, N.S..
116970	Vigilant	St. Andrews	Sloop	1906	Clarke's Harbour, N.S.	33 7	12 1	5 8	12	Webster Cossaboom, Grand Manan, N.B.
133921	Vika	Chatham, N.B.	Schr—Glt	1913	Lamek, N.B.	47 0	14 8	7 2	29	Maximim Poulin, Little Lamek, N.B.
100621	Viking	Port Dover	Sloop	1891	Port Dover, Ont.	62 0	16 6	7 8	39	D. J. McLeod, Newcastle, Ont.
107331	Viking	St. John, N.B.	Sloop	1899	Yarmouth, N.S.	30 3	11 6	3 6	9	H. H. Bissett, St. John, N.B.
121721	[1]Viking	Vancouver	Sloop		Victoria, B.C.	27 8	9 0	4 0	8	Walter G. Sweet and Lewis H. Evans, Vancouver, B.C.
75785	Village Belle	Port Medway	Schr—Glt	1878	East Port Medway, N.S.	63 8	21 0	8 3	55	S. E. Teel, Volger's Cove, N.S.
69192	Village Queen	Halifax	Schr—Glt	1874	Mahone Bay, N.S.	48 6	15 9	6 6	24	Charles Brundage, Sheet Harbour, N.S.
133666	Village Leaf	Halifax	Schr—Glt	1913	Mahone Bay, N.S.	75 8	22 6	9 3	78	John Keeping, Rameo, Nfld.
88302	Villageois	Quebec	Barge—Chd	1881	St. Jean Deschaillons, Que.	92 6	22 6	6 5	93	G. Gignac, Portneuf, Que.
117183	Vina	Chatham, N.B.	Schr—Glt	1905	Shippigan, N.B.	38 4	13 0	5 0	14	Amedee Noel, Shippigan, N.B

138478	Vincent A. White	Parrsboro	Schr—Glt	1918	Alma, N.B	163 4	35 5	12 8	452	A. B. MacKay, Hamilton, Ont., and J. H. Solery, Toronto, Ont., J.O.
97186	Viola	Windsor, N.S.	Schr—Glt	1891	Salmon River, N.S.	90 0	28 0	9 0	124	J. Willard Smith, St. John, N.B.
121659	Viola	Yarmouth	Sloop	1904	Tusket Wedge, N.S.	33 0	11 0	6 0	10	Alexander Frontain, Salmon River, N.S.
126912	Viola G. Hartlin	Halifax	Schr—Glt	1910	Jeddore, N.S.	51 0	16 0	6 8	25	Peter Hartlin, M.O., Jeddore, N.S.
100330	Viola Pearl	Yarmouth	Schr—Glt	1894	Eel Brook, N.S.	45 0	16 7	6 7	24	Schooner "Viola Pearl" Co., Ltd., St. John, N.B.
121873	Viola S	Yarmouth	Sloop	1906	Surette's Island, N.S.	35 2	12 9	6 4	16	Samuel Surette, M.O., Surette's Isld., N.S.
133673	Violet M. Hutt	Halifax	Schr—Glt	1914	Owls Head, N.S.	48 6	13 0	7 4	23	Neville Canneries, Ltd., Halifax, N.S.
94726	Violet N	Digby	Schr—Glt	1888	Cornwallis, N.S.	54 0	17 8	6 4	32	Andrew Coggins, *et al.*, Westport, N.S.
90485	Violet West	Halifax	Schr—Glt	1885	Seaforth, N.S.	49 6	18 0	7 0	36	John L. Abriel, Pope's Harbour, N.S.
122238	Violet and Annie	Halifax	Sloop	1908	Port Clyde, N.S.	41 5	13 0	5 6	12	Robin Jones & Whitman, Ltd., Halifax, N.S.
100548	Violetta	Digby	Schr—Glt	1898	Hillsburn, N.S.	36 0	13 4	5 4	11	A. W. Longmire, Hillsburn, N.S.
130423	Vira Evelyn	St. Andrews	Sloop	1894	Swan's Isl'd, Me., U.S.A.	37 6	13 6	6 6	14	Frank M. Calder, Campobello, N.B.
96773	Virgin	Port Hawkesbury	Schr—Glt	1894	Cheticamp, N.S.	33 0	11 4	4 9	10	Robin, Jones & Whitman, Ltd., Halifax, N.S.
103125	Virgin Queen	St. Andrews	Sloop	1896	East Machias, Me., U.S.A.	40 0	13 0	5 6	16	Nelson Morse, Grand Manan, N.B.
122452	Virginia	Barrington Passage	Sloop	1907	Tusket Wedge, N.S.	36 0	13 4	7 0	17	Willard M. Kelley, Yarmouth, N.S.
126021	Vivian	Sydney, N.S.	Schr—Glt	1907	Ingonish, N.S.	55 0	14 0	7 2	25	Wm. Duff, Lunenburg, N.S.
138590	Vivian Currier	St. John, N.B.	Scow—Chd	1913	Oromocto, N.B.	55 5	13 4	3 1	61	Martin Currier, Oromocto, N.B.
137882	Vivian P. Smith	Lunenburg	Schr—Glt	1915	Lunenburg, N.S.	102 0	26 0	11 0	97	William C. Smith, M.O., Lunenburg, N.S.
116283	Vixen	Halifax	Schr—Glt	1903	Ship Harbour, N.S.	47 8	13 0	6 5	15	Robert Keating, Ship Harbour, N.S.
103678	Vladimir	Toronto	Scow—Chd	1897	Bracebridge, Ont.	44 4	13 2	4 0	43	S. Brown, Bracebridge, Ont.
138209	Vogue	La Have	Schr—Glt	1917	Shelburne, N.S.	108 2	28 6	10 7	196	A. E. Hickman & Co., Ltd., St. John's, Nfl'd.
100995	Voltaire	Chatham, N.B.	Schr—Glt	1891	Shippigan, N.B.	35 0	12 0	4 6	10	P. Rive, Caraquet, N.B
100357	Voltigeur	Quebec	Schr—Glt	1888	Rimouski, Que.	35 2	14 3	4 8	14	Frs. St. Pierre, Matane, Que.
103352	Voltigeur	Quebec	Sloop	1894	Les Escoumains, Que.	60 8	18 6	5 3	34	Hypolite Bouliane, Tadousac, Que.
96910	Volunteer	Kingston	Schr—Glt	1891	Dog Lake, Ont.	88 8	17 0	5 6	59	Barney Black, Kingston, Ont.
103111	Volunteer	St. Andrews	Schr—Glt	1888	Grand Manan, N.B.	36 0	12 3	5 0	14	Milton W. Ingersoll, Grand Manan, N.B.
100966	Von Moltke	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	36 1	11 9	4 6	11	P. J. Frigot, Caraquet, N.B..
96034	Vreda	Toronto	Cutter	1888	Troon, G.B.	53 3	10 1	9 5	18	A. G. Peuchen, Toronto, Ont.
103588	Vulture	Chatham, N.B.	Schr—Glt	1896	Caraquet, N.B.	36 3	12 5	5 0	13	W. S. Loggie Co., Ltd., Chatham, N.B.
134375	W. 20	Sault Ste. Marie	Scow—Chd	1898	Duluth, Minn., U.S.A.	75 0	26 0	8 5	166	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134376	W. 26	Sault Ste. Marie	Scow—Chd	1897	Duluth, Minn., U.S.A.	116 0	28 5	9 3	306	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134377	W. 27	Sault Ste. Marie	Scow—Chd	1897	Duluth, Minn., U.S.A.	115 0	28 0	8 0	258	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
134378	W. 35	Sault Ste. Marie	Scow—Chd	1883	Duluth, Minn., U.S.A.	80 0	26 0	8 5	177	Sydney L. Penhorwood, Sault Ste. Marie, Ont.
140900	W. B. No. 1	Vancouver	Scow—Chd	1911	New Westminster, B.C.	80 6	25 9	7 1	120	William Bartlett, Vancouver, B.C.
126693	W.C. & St. M. No.2	Montreal	Scow—Chd	1909	Chateaugay, Que.	28 5	17 5	3 5	43	Arthur Belanger and A. Laforce, J. O., Lachine, Que.
126694	W. C. & St. M. No. 3	Montreal	Scow—Chd	1909	Chateaugay, Que.	32 0	16 5	4 0	24	Arthur Belanger and A. Laforce, J.O., Lachine, Que.
134573	W.C.P. No. 1	New Westminster	Barge—Chd	1914	Blaine, Wash., U.S.A.	63 0	21 0	3 0	40	Alvin John Engvick, Vancouver, B.C.
126323	W. F. 1	Vancouver	Scow—Chd	1908	Vancouver, B.C.	80 6	30 1	7 5	163	Vancouver Tug and Barge Co., Ltd., Vancouver, B.C.
138707	W. I. No. 3	Vancouver	Scow—Chd	1907	Thurlow Isl., B.C.	66 0	22 0	5 9	77	Merrill Des Brisay, Vancouver, B.C.
126396	W. J. P. Co. No. 1	Lunenburg	Scow-Chd	1902	Montreal, Que.	97 2	27 0	9 6	174	The W. J. Poupore Co., Ltd., Montreal, Que.
126397	W. J. P. Co. No. 2	Lunenburg	Scow—Chd	1908	Lunenburg, N.S.	97 2	27 0	9 6	174	The W. J. Poupore Co., Ltd., Montreal, Que.
126398	W. J. P. Co. No. 3	Lunenburg	Scow—Chd	1908	Lunenburg, N.S.	97 2	27 0	9 6	174	The W. J. Poupore Co., Ltd., Montreal, Que.
126399	W. J. P. Co., No. 4	Lunenburg	Scow—Chd	1902	Montreal, Que.	98 0	30 0	7 0	183	The W. J. Poupore Co., Ltd., Montreal, Que.
126400	W. J. P. Co., No. 5.	Lunenburg	Scow—Chd	1907	Liverpool, N.S.	33 8	19 4	3 0	18	The W. J. Poupore Co., Ltd., Montreal, Que.
126364	W. J. P. Co., No. 8.	Montreal	Scow—Chd	1908	Sorel, Que.	69 6	19 2	7 0	75	The W. J. Poupore Co., Ltd., Montreal, Que.
126488	W. J. P. Co., No. 20	Montreal	Scow—Chd	1909	Sorel, Que.	65 5	22 1	7 5	117	The W. J. Poupore Co., Ltd., Montreal, Que.
107456	W. K. IV	Vancouver	Scow—Chd	1899	Vancouver, B.C.	59 0	21 9	4 8	52	Simon McKenzie, Vancouver, B.C.
111535	W. K. No. III	Vancouver	Scow—Chd	1891	Vancouver, B.C.	62 0	22 2	5 0	55	Gordon T. Legg, Vancouver, B.C.
111536	W. K. No. IV	Vancouver	Scow—Chd	1891	Vancouver, B.C.	58 0	21 3	5 0	55	Gordon T. Legg, Vancouver, B.C.
111537	W. K. No. 5	Vancouver	Scow—Chd	1891	Vancouver, B.C.	58 0	21 0	5 0	54	Gordon T. Legg, Vancouver, B.C.
117010	W. K. No. 6	Vancouver	Scow—Chd	1903	New Westminster, B.C.	69 0	25 0	6 8	101	L. Wilson, *et al.*, New Westminster, B.C.
134561	W. M. R. No. 1	Vancouver	Scow—Chd	1912	New Westminster, B.C.	78 0	28 0	7 0	153	Colonial Lumber and Paper Mills, Limited, Vancouver, B.C.
130500	W. M. R. No. 2	New Westminster	Barge—Chd	1911	New Westminster, B.C.	85 0	27 0	7 3	153	B.C. Marine Limited, Vancouver, B.C.
130861	W. M. R. No. 3	New Westminster	Barge—Chd	1910	New Westminster, B.C.	87 0	30 0	8 7	196	Vancouver Creosoting Company, Limited, Vancouver, B.C.
138698	W. P. 15	Vancouver	Scow—Chd	1918	New Westminster, B.C.	47 2	14 0	3 5	17	Western Packers, Limited, Vancouver, B.C.
138699	W. P. 16	Vancouver	Scow—Chd	1918	New Westminster, B.C.	47 2	14 0	3 5	17	Western Packers, Limited, Vancouver, B.C.

[1]Formerly a steamer

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Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. Longueur en pieds et 10es.	Breadth in feet and 10ths. Largeur en pieds et 10es.	Depth in feet and 10ths. Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Manager Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
92661	W. A. Crombie	Ottawa	Barge—Chd	1887	Ottawa, Ont.	110 0	22 0	7 0	155	The Riordan Paper Co., Ltd., Montreal, Que.
111560	W. C. Clark	St. Andrews	Schr—Glt	1901	Grand Manan, N.B.	36 0	13 2	6 0	16	Matilda Cheney, Grand Manan, N.B.
121696	W. F. Brittcliffe	Yarmouth	Sloop	1904	Woods Harbour, N.S.	35 0	11 8	5 5	10	G. W. Smith, M.O., Woods Harbour, N.S.
88518	W. F. Elizabeth	Sydney, N.S.	Schr—Glt	1886	St. Peter's, N.S.	32 1	12 8	5 1	10	Thomas Doyle, North Rustico, P.E.I.
122581	W. F. Foley	Yarmouth	Schr—Glt	1908	Tusket Wedge, N.S.	69 0	19 6	8 0	51	The Minister of Marine and Fisheries, Ottawa, Ont.
121483	W. G. Hudson	Charlottetown	Schr—Glt	1906	St. Georges, Nfld.	59 1	18 2	8 3	40	Elisha C. LePage, Rusticoville, P.E.I.
131172	W. G. Robertson	Lunenburg	Schr—Glt	1912	LaHave, N.S.	83 4	23 4	9 7	90	Jeffrey Publicover, Sr., M.O., LaHave, N.S.
117162	W. H. Baxter	Windsor, N.S.	Schr—Glt	1905	Canning, N.S.	138 0	32 6	12 4	331	Wm. H. Baxter, M.O., Canning, N.S.
126406	W. H. Rowley	Ottawa	Barge—Chd	1909	Hull, Que.	113 0	24 2	7 8	179	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
130824	W. H. Smith	Lunenburg	Schr—Glt	1912	Mahone Bay, N.S.	103 0	25 5	10 5	94	William Smith, M.O., Lunenburg, N.S.
100099	W. H. Waters	St. John, N.B.	Schr—Glt	1893	Westfield, N.B.	86 5	28 1	7 9	120	A. H. Gale, *et al.*, St. John, N.B.
71274	W. J. Suffell	Kingston	Schr—Glt	1874	Port Burwell, Ont.	120 0	26 0	9 8	238	Wm. H. Gilbert, Belleville, Ont.
122471	W. K. Grafftey	Ottawa	Barge—Chd	1907	Hull, Que.	122 1	24 1	8 6	208	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
126598	W. M. Richard	Annapolis Royal	Schr—Glt	1910	Port Greville, N.S.	139 4	33 6	11 5	323	The W. M. Richard Co., Ltd., Granville Ferry, N.S.
88688	W. R. Barry	St. John, N.B.	Schr—Glt	1885	Westfield, N.B.	51 1	16 0	4 4	30	Chas. A. C. Gorham, Greenwich, N.B.
122113	[1]W. S. Caivert	Toronto	Schr—Glt	1874	Chester, Pa., U.S.A.	191 0	29 0	14 4	543	The Sarnia-Toledo Transit Co., Ltd., Toronto, Ont.
111649	W. S. Wynot	Lunenburg	Schr—Glt	1901	Mahone Bay, N.S.	90 8	24 7	10 0	100	Reuben F. Horwood, St. John's, Nfld.
131175	W. T. White	Lunenburg	Schr—Glt	1912	LaHave, N.S.	104 0	26 0	10 4	99	Jeremiah Petite, English Harbour, Nfl'd.
131041	W. Robidoux	Montreal	Dredge- Drague	1912	Yamaska, Que.	85 4	25 4	5 4	128	Robidoux Sand Co., Limited, Montreal, Que.
126527	W. Rutherford	Ottawa	Barge—Chd	1910	Hull, Que.	108 0	22 8	7 2	147	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
130610	[2]Wabash No. 1	Victoria	Barge—Chd	.....	U.S.A.	50 0	15 0	3 5	20	Frances A. MacFarlane and Frederick MacFarlane, Sidney, B.C.
130768	Wain	Kingston	Scow—Chd	1914	Wolfe Island, Ont.	34 0	15 4	4 0	16	Herman B. Moore, Wolfe Island, Ont.
122049	Waldo R.	St. Andrews	Schr—Glt	1906	West Isles, N.B.	51 0	17 2	7 0	47	Winslow Richardson, West Isles, N.B.
111793	Walla Walla	Port Hawkesbury	Schr—Glt	1903	Cheticamp, N.S.	34 0	11 2	5 6	11	Simon Belfountain, Eastern Harbour, N.S.
92569	Walter	Halifax	Schr—Glt	1882	Red Head, N.S.	36 3	13 4	6 5	15	Robert Johnson, Halifax, N.S.
116724	Walter C.	St. John, N.B.	Sloop	1904	Lorneville, N.B.	41 9	15 5	5 5	18	J. L. Belding, Chance Harbour, N.B.
100019	Wanita	Windsor, N.S.	Schr—Glt	1897	Granville, N.S.	60 8	20 0	7 8	42	James E. Ogilvie, Parrsboro, N.S.
90896	Wapiti	Yarmouth	Schr—Glt	1889	Shelburne, N.S.	90 4	24 2	9 7	100	A. F. Stoneman, *et al.*, Yarmouth, N.S.
126571	Warbler	Port Hawkesbury	Schr—Glt	1909	Cheticamp, N.S.	35 9	15 0	6 0	10	Robin, Jones & Whitman, Ltd., Halifax, N.S.
126120	Warren G. Winters	Lunenburg	Schr—Glt	1909	Lunenburg, N.S.	98 2	25 6	10 5	95	Jacob W. Sarty, M.O., La Have, N.S.
100985	Wasp	Chatham, N.B.	Schr—Glt	1888	Caraquet, N.B.	36 0	12 8	5 0	12	C. Robin, Collas & Co., Ltd., Jersey, C.I.
103855	Wasp	Halifax	Sloop	1897	Dartmouth, N.S.	23 6	6 6	4 0	2	R. Bauld, Halifax, N.S.
61904	Water Lily	Halifax	Schr—Glt	1870	Liverpool, N.S.	38 4	14 0	5 5	14	Donald McKenzie, Pictou, N.S.
140914	Water Show No. 1	Vancouver	Scow—Chd	1918	Vancouver, B.C.	70 5	21 9	4 7	59	Imperial Munitions Board, Ottawa, Ont.
121786	W. M. Dobell	Ottawa	Barge—Chd	1906	Hull, Que.	121 8	24 1	8 1	196	The Ottawa Transportation Co., Ltd., Ottawa, Ont.

140915	Water Scow No. II	Vancouver	Scow -Chd	1918	Vancouver, B.C.	40 1	14 0	3 3	13	Imperial Munitions Board, Ottawa, Ont.
80961	Waterlily	Halifax	Schr—Glt	1880	Little Glace Bay, N.S.	41 6	14 6	5 8	19	Shelah Evans, Halifax, N.S.
.....	Waubaushene	Toronto	Schr—Glt	1872	Chatham, Ont.	149 0	26 0	11 6	478	The Collin's Bay Rafting & Forwarding Co., Ltd., Kingston, Ont.
90488	Wave	Charlottetown	Schr—Glt	1885	Spry Harbour, N.S.	43 5	14 0	5 5	19	Geo. A. Poole, Lower Montague, P.E.I.
77969	Wave Queen	St. Andrews	Schr—Glt	1879	St. George, N.B.	30 2	11 7	5 1	11	Wm. McMann, St. George, N.B.
126774	Wawota	Richibucto	Schr—Glt	1903	Point Sapin, N.B.	30 5	9 9	4 8	11	William H., and David V. Long, Richibucto, N.B.
138110	Wayne	Montreal	Barge—Chd	1882	St. Clair, Mich, U.S.A.	187 0	34 4	13 0	668	Canada Steamship Lines, Limited, Montreal, Que.
138092	Weld	Montreal	Barge—Chd	1915	Montreal, Que.	132 2	31 5	8 8	291	Thomas Hall, Montreal, Que.
116887	Wenona	Arichat	Schr—Glt	1902	Tor Bay, N.S.	35 4	10 5	4 9	10	John J. Uloth, Tor Bay, N.S.
100152	Werra	Lunenburg	Schr—Glt	1891	Lunenburg, N.S.	77 0	23 6	8 8	85	Robert P. Scott, M.O., North Sydney, N.S.
75595	West Wind	Digby	Schr—Glt	1877	Port Gilbert, N.S.	45 7	16 4	6 0	25	Geo. Post, Digby, N.S.
107760	Western Prince	Charlottetown	Schr—Glt	1880 1900 1915	Alberton, P.E.I. Palmer Road, P.E.I.	40 6	13 6	5 7	15	Benjamin Gallant, Ebbsfleet, P.E.I.
126957	Westholme No. 2	Vancouver	Barge—Chd	1909	Chemainus, B.C.	80 3	36 5	8 4	218	Vancouver Machinery Depot, Limited, Vancouver, B.C.
126955	Westholme No. 3	Victoria	Barge—Chd	1910	Swanson Bay, B.C.	100 0	32 0	8 0	211	The Westholme Lumber Co., Ltd., Victoria, B.C.
141199	Whalen No. 1	Vancouver	Scow—Chd	1913	Mill Creek, B.C.	80 1	28 0	7 2	297	Whalen Pulp & Paper Mills, Limited, Vancouver, B.C.
141200	Whalen No. 2	Vancouver	Scow—Chd	1913	Mill Creek, B.C.	77 7	28 5	7 4	137	Whalen Pulp & Paper Mills, Limited, Vancouver, B.C.
141201	Whalen No. 4	Vancouver	Scow—Chd	1912	Vancouver, B.C.	81 0	30 0	7 6	356	Whalen Pulp & Paper Mills, Limited, Vancouver, B.C.
141202	Whalen No. 5	Vancouver	Scow—Chd	1912	Vancouver, B.C.	78 0	28 0	7 2	134	Whalen Pulp & Paper Mills, Limited, Vancouver, B.C.
141203	Whalen No. 7	Vancouver	Scow—Chd	1912	Vancouver, B.C.	80 4	28 1	7 9	141	Whalen Pulp & Paper Mills, Limited, Vancouver, B.C.
77744	Whippoor Will	Shelburne	Schr—Glt	1875 1894	Lockeport, N.S. Shelburne, N.S.	44 0	13 6	5 5	17	Isaac Ringer, Sand Point, N.S.
103704	Whisper	Yarmouth	Schr—Glt	1896	Pubnico, N.S.	52 5	14 9	7 0	31	Chas. Harkins, Dipper Harbour, N.B.
90658	Whistler	St. John, N.B.	Schr—Glt	1886	Eel Brook, N.S.	50 9	14 7	6 3	24	David Chute, Harbourville, N.S.
100962	White Bird	Chatham, N.B.	Schr—Glt	1893	Shippigan, N.B.	46 8	15 8	6 0	27	Alexander Tremblay, Miminegash, P.E.I.
126252	White Cap	Chatham, N.B.	Schr—Glt	1908	Point Sapin, N.B.	34 4	10 0	5 0	11	Henry Jimmo, *et al.*, Escuminac, N.B.
117042	White Eagle	Barrington Passage	Sloop	1901	Clarke's Harbour, N.S.	32 0	11 2	6 2	10	L. Nickerson, Cape Island, N.S.
122054	White Fish	Chatham, N.B.	Schr—Glt	1906	Shippigan Island, N.B.	36 0	13 2	5 5	13	Eutrope Chiasson, Shippigan Island, N.B.
122465	White Wing	Yarmouth	Sloop	1906	Short Beach, N.S.	34 0	11 0	6 0	11	S. F. Nickerson, Yarmouth, N.S.
100953	White Wings	Chatham, N.B.	Schr—Glt	1890	Caraquet, N.B.	35 1	12 7	4 4	10	Mrs. Sarah Young & F.T.B. Young, J.O., *et al.*, Caraquet, N.B
83155	White Wings	Hamilton	Sloop	1886	Trenton, Ont.	40 0	15 6	6 4	22	R. W. Scaife, Port Credit, Ont.
130223	White and Friant	Owen Sound	Schr—Glt	1881	Bay City, Mich., U.S.A.	158 0	28 0	11 6	278	The Peninsula Tug & Towing Co., Ltd., Wiarton, Ont.
116202	Whynot	Yarmouth	Schr—Glt	1897	Port Maitland, N.S.	31 0	10 0	5 6	10	W. H. Allen and G. H. Van Horne, Arcadia, N.S.
92393	Wide Awake	Kingston	Sloop	1887	Kingston, Ont.	65 3	15 3	3 8	24	John Tuttle, Kingston, Ont.
72321	Widgeon	St. John, N.B.	Schr—Glt	1872	Portland, N.B.	32 1	11 5	53	10	James Kennedy, St. John, N.B.
96934	Wild Brier C	Charlottetown	Schr—Glt	1890	Miminegash, P.E.I.	47 0	15 0	5 5	24	John and Leo Perry, J.O., St. Edward, P.E.I.
116233	Wild Rose	Digby	Schr—Glt	1904	Port Lorne, N.S.	38 5	15 4	6 0	16	Joseph H. Hall, Windsor, N.S.
54416	Wildflower	St. John, N.B.	Schr—Glt	1866	Washademoak, N.B.	55 0	18 7	5 0	33	John B. Edgar, Kars, N.B.
85586	Wildwood	Windsor, N.S.	Barge—Chd	1883	St. John, N.B.	222 3	40 0	22 1	1,381	Gypsum Packet Co., Ltd., Windsor, N.S.
116292	Wilena Fraser	Charlottetown	Schr—Glt	1898	Charlottetown, P.E.I.	35 0	12 3	4 4	13	Simon Richard, South Bar, C. B., N. S.
122150	Wilford H	Yarmouth	Sloop	1907	Clyde, N.S.	33 0	10 4	6 0	11	Nathaniel Horton, M.O., Port La Tour, N.S.
126801	Wilfred D	Yarmouth	Schr—Glt	1910	Mavillette, N.S.	50 0	15 0	6 4	25	Delbert Guptill, White Head, N.B.
121812	[3]Wilfred L. Snow	Yarmouth	Schr—Glt	1905	Shelburne, N.S.	63 5	17 2	7 1	51	Edgar B. Ehrgott, Yarmouth, N.S.
.....	Wilfrid Plunkett	Cobourg	Schr—Glt	1866	Oakville, Ont.	78 0	18 9	7 9	100	Mrs. A. A. Smith, Belleville, Ont.
126896	Will W. Case	Vancouver	Barge—Chd	.....	Rockland, Me., U.S.A.	141 1	31 7	16 0	591	Canadian Pacific Railway Co., Montreal, Que.
90882	Will o' the Wisp	Yarmouth	Schr—Glt	1888	Pubnico, N.S.	68 8	19 7	7 5	51	John W. O'Hara, Isaac's Harbour, N. S.
92662	Willard Crane	Ottawa	Barge—Chd	1887	Ottawa, Ont.	110 0	22 0	7 0	155	The Riordan Paper Co., Ltd., Montreal, Que.
126478	Willetta	Halifax	Schr—Glt	1910	Sambro, N.S.	42 0	13 0	5 6	15	Samuel A. Muir, Shelbrune, N.S.
138645	William A. Naugler	La Have	Schr—Glt	1918	Bridgewater, N.S.	132 6	32 0	11 6	295	Daniel Getson, M.O., La Have, N.S.
73030	William Albert	Magdalen Islands	Schr—Glt	1881	Grindstone, M.I., Que.	57 1	19 6	8 1	41	Maurice E. Boland, Birchy Cove, Nfld.
126818	William C. Smith	Lunenburg	Schr—Glt	1910	Lunenburg, N.S.	104 8	26 0	10 6	99	William C. Smith, M.O., Lunenberg, N.S.
126253	William Davidson	Chatham, N.B.	Schr—Glt	1908	Chatham, N.B.	67 8	20 4	8 0	61	W. S. Loggie Co., Ltd., Chatham, N.B.
75912	Wm. Jamieson	Kingston	Schr—Glt	1878	Mill Point, Ont.	100 0	25 4	8 6	143	C. D. Wilson and W. E. Wellbanks, Picton, Ont.
133900	William Melbourne	Parrsboro	Schr—Glt	1917	Spencer's Island, N.S.	146 4	35 5	12 7	435	The Vincent A White Navigation Co. Ltd., Sussex, N.B.

[1]Formerly "Berks." [2]Foreign name "Stella." [3]Formerly a Steamer.

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1918.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1918.

⊙Equipped with Wireless——uni de la T.S.F.—*Abbreviations—Abréviations:* **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

Official Number — Numéro officiel.	Name of Ship. — Nom du navire.	Port of Registry. — Port d'enregistrement.	Rig. — Gréement.	Built—Construit en	Where Built. — Lieu de construction.	Length in feet and 10ths. — Longueur en pieds et 10es.	Breadth in feet and 10ths. — Largeur en pieds et 10es.	Depth in feet and 10ths. — Profondeur en pieds et 10es.	Registered tonnage. — Tonnage enregistré.	Owner or Managing Owner, and Address. — Armateur ou propriétaire gérant, et adresse.
134204	William P.	Charlottetown	Schr—Glt	1914	Palmer Road, P.E.I.	39 9	12 5	5 0	13	Captain Henry Perry, Palmer Road, P.E.I.
116648	Wm. Power	Ottawa	Barge—Chd	1904	Hull, Que.	112 8	24 0	8 2	168	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
134236	William Q.	Montreal	Scow—Chd	1914	Montreal, Que.	118 2	28 1	8 5	221	Quinlan & Robertson, Ltd., Montreal, Que.
130367	William Thomas	Sydney, N.S.	Schr—Glt	1911	Ingonish, N.S.	39 4	12 5	7 0	14	Patrick and William Doyle, Ingonish, N.S.
116879	Williams	St. Catharines	Barge—Chd	1902	Buffalo, N.Y., U.S.A.	87 9	18 0	9 0	61	Charles Ross, Port Maitland, Ont.
107674	Willie	Quebec	Sloop	1900	Ste. Irenée, Que.	45 6	13 2	6 0	22	Joseph Andre, Grande Baie, Que.
73962	Willie B.	Halifax	Schr—Glt	1876	Liverpool, N.S.	53 9	18 3	7 3	39	R. H. Corkum and K. Moland, Chester, N.S.
96776	Willie B.	Port Hawkesbury	Schr—Glt	1894 1903	Cheticamp, N.S.	39 9	13 5	6 5	21	John F. Roach, Cheticamp, N.S.
122464	Willie M.	Yarmouth	Sloop	1907	Clyde, N.S.	34 0	12 0	6 2	14	Walter Watts, *et al.*, Sandy Point, N.S.
85487	Willie McGowan	Shelburne	Schr—Glt	1883	Shelburne, N.S.	88 0	23 8	9 6	116	Wm. H. Moore, North Sydney, N.S.
130600	Willie Roy	Halifax	Schr—Glt	1906	Tancook, N.S.	44 0	11 8	5 6	13	Nathan Duggan, Upper Prospect, N.S.
107792	Windward	St. John, N.B.	Schr—Glt	.....	Long Island, U.S.A.	49 2	15 8	5 2	24	David A. Huntley and Avard W. Copp, Parrsboro, N.S.
137922	Wing	Chatham, N.B.	Schr—Glt	1915	Miscou Harbour, N.B.	32 5	11 0	4 5	10	John Alexander Bizeau, Miscou Harbour, N.B.
122552	[1]Wingfield	Collingwood	Dredge—Drague	1895	Buffalo, N.Y., U.S.A.	73 0	26 0	7 3	191	The C. S. Boone, Dredging & Construction Co., Ltd., Toronto, Ont.
97149	Winnie	St. Andrews	Schr—Glt	1877	Green's Cove, N.S.	30 0	11 3	4 9	12	Thos. Bright, Seeley's Cove, N.B.
94959	Winnie G. S.	Lunenburg	Schr—Glt	1889	Chester Basin, N.S.	45 0	16 0	7 0	26	Fred Polley, Wallace, N.S.
126293	Winnie May	Canso	Schr—Glt	1908	Cole Harbour, N.S.	35 0	11 0	5 0	10	George C. Jamieson, M.O., Cole Harbour, N.S.
126121	Winnie Wing	Kingston	Schr—Glt	1867	Fort Howard, Wisc., U.S.A.	118 0	26 9	9 0	183	John F. Sewards, Kingston, Ont.
121690	Winnifred	Yarmouth	Sloop	1904	Cape Island, N.S.	32 0	11 0	6 0	10	A. Nickerson, Cape Island, N.S.
130721	Winnifred Marr	Lunenburg	Schr—Glt	1911	Tancook, N.S.	44 8	12 6	6 6	17	Martin Meagher, Canso, N.S.
100711	Winnipeg	Montreal	Schr—Glt	1893	Kingston, Ont.	179 5	34 6	14 5	681	Alphonse A. Laroque, Montreal, Que.
122280	Winnipeg	Winnipeg	Barge—Chd	1910	Selkirk, Man.	77 0	33 0	6 5	245	The Minister of Public Works, Ottawa, Ont.
107539	Winogene	St. John, N.B.	Sloop	1898	Milledgeville, N.B.	29 0	10 0	3 0	7	Wm. H. Holder, St. John, N.B.
96717	Winona	Ottawa	Barge—Chd	1890	Grenville, Que.	110 0	24 0	7 3	149	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
111554	Winona	St. Andrews	Sloop	1896	Buzzards' Bay, Mass., U.S.A.	20 0	8 3	2 0	4	Edward Maxwell, Montreal, Que.
131023	Winona	Vancouver	Sloop	.....	U.S.A.	27 0	8 5	2 8	5	Stanley Burke, Vancouver, B.C.
138198	Winthewar	LaHave	Schr—Glt	1917	Liverpool, N.S.	117 3	25 7	11 1	149	W. Norman Reinhardt, M.O., La Have, N.S.
94983	Wona	Toronto	Schr—Glt	.....	Gloucester, Mass., U.S.A.	27 6	8 6	4 6	4	Wm. P. Eby, Toronto, Ont.
92531	[2]Wood	Ottawa	Barge—Chd	1887	Sorel, Que.	111 9	22 8	8 1	171	The Ottawa Transportation Co., Ltd., Ottawa, Ont.
138504	Woodlands	Montreal	Barge—Chd	1881 1918	St. Clair, Mich., U.S.A. Sorel, Que.	184 0	32 5	12 3	578	The Barge Twin Sisters Co., Ltd., Quebec, Que.
111960	Woodward No. 1	New Westminster	Barge—Chd	1905	New Westminster, B.C.	65 0	23 0	4 5	62	Torpedo Freighting & Tug Co., Ltd., New Westminster, B.C.

100973	World's Fair	Chatham N.B.	Schr—Glt	1893	Caraquet, N.B.	37 2	12 4	4 8	11	Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B.
103079	Wren	Chatham, N.B.	Schr—Glt	1894	Shippigan, N.B.	34 6	12 5	4 8	11	T. Ahier, Shippigan, N.B.
103183	Wren	Shelburne	Schr—Glt	1895 1900	Shelburne, N.S.	52 0	13 4	6 7	22	A. P. Hamilton, Carleton Village, N.S.
126376	Wylo	Halifax	Sloop	1908	Mahone Bay, N.S.	21 7	6 5	3 4	4	John C. Stairs, Halifax, N.S.
100225	Wym	Halifax	Cutter	1892	Dartmouth, N.S.	32 5	7 3	5 4	6	R. R. Kennedy, Halifax, N.S.
100812	Wyvern	Barrington Passage	Schr—Glt	1894	Lockeport, N.S.	53 0	17 0	7 0	25	Daniel A. Morrison, Point Tupper, N.S.
126741	X	Vancouver	Scow—Chd	1909	Victoria, B.C.	77 1	28 8	7 6	159	Producers Rock & Gravel Co., Ltd., Victoria, B.C.
126742	XI	Vancouver	Scow—Chd	1909	Vancouver, B.C.	76 7	28 6	7 7	159	Producers Rock & Gravel Co., Ltd., Victoria, B.C.
126743	XII	Vancouver	Scow—Chd	1909	North Vancouver, B.C.	77 3	28 7	7 7	161	Producers Rock & Gravel Co., Ltd., Victoria, B.C.
126849	X. M	Quebec	Schr—Glt	1909	Lotbinière, Que.	70 9	21 8	6 3	48	George Gagnon, Malbaie, Que.
111519	X. 10. U. 8	St. John, N.B.	Sloop	1909	Jemseg, N.B.	37 2	17 3	4 1	19	J. D. Colwell, Jemseg, N.B.
138244	Xantippe	Lunenburg	Schr—Glt	1916	Indian Harbour, N.S.	39 5	10 3	5 4	12	Harvey Covey, Indian Harbour, N.S.
122447	Xiphias	St. John, N.B.	Sloop	1907	Shelburne, N.S.	40 8	13 0	5 6	16	Easton Green, Grand Manan, N.B.
126238	Yakata	Victoria	Barge—Chd	1908	Victoria, B.C.	56 0	12 0	2 8	12	Jenkichi Nishimoto, Victoria, B.C.
85454	Yamaska	Quebec	Barge—Chd	1873	Yamaska, Que.	107 5	22 6	9 3	160	Adelard Bourdon, Lanoraie, Que.
96808	Youla	Halifax	Cutter	1891	Dartmouth, N.S.	33 5	7 3	5 4	6	John E. Wood, Halifax, N.S.
116807	Z. Gill	Sorel	Sloop	1906	Pierreville, Que.	104 2	23 0	7 6	126	Willie Gill, Pierreville, Que.
126496	Z. Lebrun	Montreal	Sloop	1908	St. Michel, Que.	93 7	22 3	6 9	94	Zotique LeBrun, St. Aimé, Que.
130783	Zambuk	Port Hawkesbury	Schr—Glt	1912	Plateau, N.S.	47 5	13 1	7 2	17	Robin, Jones & Whitman, Ltd., Halifax, N.S.
126470	Zapotec	Montreal	Barge—Chd	1890	Marine City, Mich., U.S.A.	207 5	34 7	14 8	779	George Hall Coal Company of Canada, Ltd., Montreal, Que.
85508	Zelena	St. John, N.B.	Schr—Glt	1883	St. Martin's, N.B.	40 2	13 6	5 2	14	James T. Smith, Rockland, N.B.
107917	Zelma	St. Andrews	Sloop	1897	Grand Manan, N.B.	35 0	13 4	4 7	17	H. Frankland, Grand Manan, N.B.
111653	Zephir No. 1	Quebec	Sloop	1901	St. Thomas de Pierreville, Que.	74 4	18 8	5 4	50	Germain Marcotte, St. Emile, Que.
100920	Zephyr	Chatham, N.B.	Schr—Glt	1891	Caraquet, N.B.	36 3	12 4	5 0	12	Robin, Jones & Whitman, Ltd., Halifax, N.S.
116449	Zephyr	Halifax	Sloop	1904	Port Saxon, N.S.	31 0	11 7	6 0	11	George C. Cook, Halifax, N.S.
112058	Zeta	Windsor, N.S.	Schr—Glt	1902	Cheverie, N.S.	132 0	32 0	12 0	335	William F. Remby, West Dublin, N.S.
126903	Zeylah	Halifax	Sloop	1910	Dartmouth, N.S.	41 5	10 8	5 7	13	Harry M. Wylde, M.O., Halifax, N.S.
103486	Zillah May	Victoria	Schr—Glt	1896	Ballard., Wash, U.S.A.	77 3	20 8	8 3	66	Sprott Balcom, Victoria, B.C.
121656	Zilpha	Yarmouth	Sloop	1904	Clarke's Harbour, N.S.	32 0	11 4	6 0	10	H. F. Williams and Russell Fisher, Port Mouton, N.S.
122000	Zoraya	Lunenburg	Schr—Glt	1906	Tancook Island, N.S.	44 2	12 5	6 4	16	Louden Munroe, White Head, N.S.
80013	Zulu	St. John, N.B.	Schr—Glt	1879	Portland, N.B.	29 8	11 3	4 8	8	Edward Hampton, St. John, N.B.

[1]Foreign name, "No. 1." [2]Formerly " D. Richard."

LIST OF VESSELS.

INDEX TO COMPOUND NAMES.

Part I—Steam and Motor Vessels.

Part II—Sailing and Unrigged Vessels.

LISTE DES NAVIRES.

PAR ORDRE ALPHABÉTIQUE DE LEURS NOMS.

1re Partie—Navires à Vapeur et à Moteurs.

2e Partie—Navires à Voiles et sans Mâture.

STEAM VESSELS.

"A"

Adams, Freddie.
Adder, Sea.
Adelaide, Princess.
Agnes, Sarah.
Ainsworth, C. E.
Aikins, W. J.
Aitken, Max.
Aitken, William.
Albert, King.
Albert, Prince.
Alberni, Port.
Alfred, Edward.
Alice, Ada.
Alice, Jean.
Alice, Princess.
Alice, St.
All, Mac.
Allan, Maud.
Allan, Sir Hugh.
Allen, D. R. Van.
Allen, Glen.
Alma, Marie.
Amelia, Bella.
Ami, Bon.
Andrew, St.
Anglin, R.
Anita, Helen.
Ann, St.
Anne, St.
Annis, Maud.
Archeveque No. 1, E. L.
Archeveque No. 2, E. L.
Ardella, Bessie.
Arm, West.
Armstrong, Charles E.
Armstrong, F. P.
Arnold, Fanny.
Arnott, Mary.
Arthur, Prince.
Asia, Empress of
Atlin, War.
Athol, Blair of.
Atlantic Transfer, Canada.
Atwood, J. R.
Austin, Robert.
Auto, Lady.
Avant, En.
Avery, F. W.
Away, Right.

"B"

Bain, Jessie.
Baird, Harry.
Baker, Joe.
Baker, W.
Bala, City of.
Baline, War.
Bangs, C. W.
Bank, Holly.
Banning, Ethel.
Bano, Wan'
Barnard, Marie.
Barnes, Frank C.
Barr, John C.
Barrett, Annie.
Batt, Fred. M.
Battle, Mary.
Battle, Tillie.
Bay, Alliford.
Bay, L'Orignal.
Bay, Murray.
Bay Roamer, English.
Bay, West.
Bear, Silver.
Beatrice H., Pearl.
Beatrice, Princess.
Bee, Sea.
Beatty, Admiral.
Bell, Blue.
Bell, Cassie.
Bell, Hattie.
Bell, Ida.
Bell, Katie.
Bell, Mountain.
Belle, Eva.
Belle, Heather.
Belle, Highland.
Belle, Irish.
Belle, Killarney.
Belle, Mohawk.
Belle, Mountain.
Belle, Northern.
Belle, Norway.
Belle, River.
Belle, Verda.
Bennett, J. W.
Beresford, Lord.
Berry, Hattie.
Bess, Earl.
Best, Shippigan's.
Bill, Swift.
Billett, Rosamond.
Billy, Puffing.
Binning, J. R.
Bird, G. N. Humming.
Bird, King.
Bird, Mocking.
Bird No. 2, Humming.
Bird, Sand.
Bird, Sea.
Birch, White.
Biwa, Lake.
Blake, Edward.
Blanche, Mary.
Bly, Nellie.
Boat, Eva.
Bobs, Little.
Boheme, La.
Bonney, Elnora T.
Boone, C. A.
Booth, C. J.
Booth, J. F.
Boss, Annie.
Bothwell, George.
Bowman, A. F.
Boy, B. C.
Boy, Errand.
Boy, Gromo.
Boy, Ladner.
Boy, Peace River.
Boy, Yankee.
Boyden, J. E.
Bradford, Elsie.
Brankley, J. W.
Brannen, Hilda.
Brea, Mina.
Breton, Cape.
Brisay, Des.
Brisbin, Sam.
Brittain, R. C.
Brock, W. D.
Bronson, E. H.
Bronson, H. F.
Brooks, Le Roy.
Brothers, Brown.
Brothers, Smith.
Brothers, Two.
Brothers, Three.
Brown, Gordon.
Brown, Mabel.
Bruce, J. B.
Buchan, Flower of.
Buckly, W. P.
Buffalo, New.
Buffalo, O. U.
Buntzen, Lake.
Burke, D. J.
Burns, Robbie.
Burton, Frank.
Butler, Bessie.
By, Colonel.
Byers, Stanley.

"C"

Canadienne, La.
Call, Northland.
Call, R. R.
Camechin, War.
Cann, Bruce.
Cann, John L.
Cann, Keith.
Cann, Mary H.
Cann, Percy.
Cann, Robert G.
Cannery, Empire.
Cape, Turrett.
Card, John L.
Cariboo, War.
Carillon, G. R.
Carleton, Governor.
Carlin, Florence.
Carne, Derry.
Carruthers, Janet.
Casco, War.
Cashel, Mont.
Castle, Carrick.
Catherine, St.
Cayuse, War.
Celtic, New.
Chamberlain, C. W.
Chambers, A.
Charger, War.
Charles, St.
Charles Lachenais, St.
Charlie, Bonnie.
Charlotte, Princess.
Charlton, W. R.
Chatham, City of.
Chief, Salmon.
Chilkat, War.
Christopher, Mary M.
Chuck, Skookum.
Chula, Chila.
City, Dalhousie.
City, Garden.
City, Orchid.
City, Queen.
City, Rose.
City, Sarnia.
City, Soo.
Clair, St.
Clare, Lady.
Clare, Nina.
Clark, Alex.
Clark, Ivy.
Clark, Minnie A.
Clark, T. J.
Clarke, Alfred.
Cliff, White.
Clinton, City of.
Clive, Lucy.
Clossett, Joseph.
Cloud, Flying.
Co, No-Tra.
Cole, C. W.
Columbia, British.
Comeau, E. L.
Comfort, Solid.
Comox, War.
Conmee, A. B.
Conrad, A. L.
Conroy, Ed.
Cook, A. B.
Coolen, Helen M.
Corkum, M. E.
Court, Turret.
Cove, Beaver.
Cove, Sea.
Cox, Charlotte G.
Cox, J. G.
Craig, Ailsa.
Craig, Annie.
Crawford, A. V.
Creina, Nora.
Croix, St.
Crosby, Thomas.
Cross, A. D.
Cross, Northern.
Crow, D. W.
Crowe, G. R.
Crown, Turret.
Currier, Annie.
Curtis, H. C.
Cutting, Francis.
Cuyler, Geo. W.

"D"

Daisley, Mary E.
Dan, Little.
Davis, Hy. D.
Davis, Wm.
Davitt, Michael.
d'Arc, Jeanne.
Deer, Sea.
Delta, New.
Demon, Petit.
Derbyshire, Senator.
Deschaillons, St. J.
Desir, Bon.
Devaux, Ella.
Dew, Morning.
Dey, D. P.
Dick, Roy B.
Dickie, J. W.
Dieu, Don de.
Diver, J. M.
Dobson, R. H.
Dodds, W. D., Agnes.
Dollar, Bessie.
Dollar, Harold.
Dollar, Hazel.
Dollar, Melville.
Donna, Bella.
Doone, Lorna.
Doreen, P.
Douglas, Sir.
Douglass, Port.
Dover, City of.
Downey, Robert.
Doyle, Tim.
Dredge No. 1, Q.H.C.
Dredge No. 2, Q.H.C.
Dresden, City of.
Drummond, Thomas J.
Duck, Puddle.
Dudley, Joe.
Dufferin, Lord.
Dunbar, C. F.
Dunsmuir, Robert.
Duprè, F.
Dyke. Madeleine.
Dyment, N.

"E"

Eagle, War.
Earl, Dorothy.
Earlton, W.
Echo, Bow.
Echo, Northland.
Eddy, C. F.
Eddy, Lulu.
Edensaw, War.
Edmonton, City of.
Edna, Sadie.
Edward, Charles.
Edward, King.
Edward Ferry, Prince.
Egan, Wiley M.

"E"

Elena, Gladys.
Elgin, Port.
Elizabeth, Frances.
Ellen, Jessie.
Ellen, Mary.
Ellice, Point.
Elme, Saint.
Else, J. C.
Emely, Little.
Emerson, George.
Emerson, W. J.
Ena, Princess.
Erie, Glen.
Essie, Beryl.
Ethel, Mary.
Etienne, St.
Evelyn, Lady.
Evelyn, Sadie.
Express, B. C.
Express No. 1, Marine.

"F"

Ferguson, A.
Ferry, Laval.
Ferry, Prince Edward.
Ferry, Rock.
Fisher, Thomas.
Fisk, Edward.
Flower, May.
Flower, Meadow.
Fly, Dragon.
Fly, Fire.
Fly, Shoo.
Flyer, Port Mellon.
Foam, Sea.
Follette, James W.
Forrest, Lady.
Forrest, W. L.
Fors, H.
Forward, Jessie.
Foster, R. R.
Foster, Stanley.
Four, Jolly.
Fox, Black.
Fox, Silver.
Frances, Beatrice and
Frances, Clara.
Frances, Leila and
Franklin, Lady.
Franz, W. C.
Fraser, Alexander.
Fraser, B. M.
Fraser, Fort.
Fraser, John.
Fraser, Lady.
Friends, Two.
Friolet, H.
Frost, E. E.
Fry, Vera S.
Fryer, Robert L.

"G"

G. W., Annie.
Ganda, Gow.
Gara, Lan.
Garou, Loup.
Garry, Point.
Gaspe, Lady of.
Gauthier, Harold.
Geary, G. R.
George, Prince.
George, St.
Gertie, Cora.
Glasier, Fred.
Glasier, Helen.
Glasier, Lilly.
Goodwin, Joe.
Gordon, D. A.
Gorcham, Eliza.
Gorman, Pete.
Gowrie, Lass of.
Grabell, S. B.
Grace, De.
Grace, Edna.
Grace, Laura.
Graff, Mary F.
Graham, Florence J.
Graham, Hazel.
Grain Boat No. 1, Q.H.C.
Grant, F. W.
Grant, W.
Gravel, J. O.
Graves, Holland &.
Gray, Dolly.
Gray, G. R.
Gray, Jessie.
Gray, Margaret M.
Green, Edith M.
Gregory, James S.
Grey, Lady.
Grey, Point.
Grower, Grain.
Guard, Coast.
Guest, W. J.
Gull, Sea.
Gutro, Corrine.
Gwyn, Twyn.

"H"

Hackett, J. H.
Hackett, M. E.
Hackett, Margaret A.
Hagarty, J. H. G.
Haggart, John.
Haida, War.
Haileybury, City of.
Hale, Lorne.
Hall, Adam.
Hall, Bob.
Hall, Henry B.
Hall, Jessie.
Hall, Mary.
Hall, Stephen C.
Halliday, Charles.
Hamill, J. D.
Hamilton, City of.
Hammond, Robert C.
Hancock, John.
Hanlan, John.
Haney, Margaret.
Hannah, Arthur.
Harness, Sir Henry.
Harris, Geo. A.
Harrow, W. G.
Hart, Una E.
Hat, China.
Have, La.
Hawk, Night.
Head, Cellar.
Healy, Tim.
Hector, Sir.
Heitman, Wm.
Helen, A. R.
Helen, Carrie.
Hemans, Capt.
Henri, St.
Henry, W. J.
Here, C.
Hewis, J. D.
Hickler, Clara.
Hickler, Laura.
Hickler, Pauline.
Hiesordt, P. S.
Hilda, Alice.
Hilda, Helen and
Hill, Annie C.
Hill, Blue.
Hiltz, Sadie.
Hodge, Lily M.
Hodgkins, Evelyne.
Hodgson, Fred. A.
Holcomb, Ralph T.
Holland, Grace.
Holly, James.
Holmes, Perley.
Hope, Point.
Horne, J. T.
Horse, White.
House, White.
Howard, J.
Howden, James.
Hubley, Stanley.
Hume, Jessie.
Humming Bird, G. N.
Hunter, G. D.
Hur, Ben.
Hurdman, H. L.
Hurdman, J. T.
Hurdman, R.

"I"

Idaho, Francis.
Ignace, St.
Ireland, W. S.
Irena, Gladys.
Irene, Margery.
Irenee, St.
Iris, White.
Irving, Marion.
Isabel, Donna.
Isidore, St.
Island, Calumet.
Island, Jessie.
Island, Prince Edward.
Islander, Wolfe.
Isle, Glen.
Isle, Navy.
Isle, Sedar.
Isles, Queen of the
Ito, Prince.

"J"

Jack, Blaek.
Jack, Slippery.
Jackson, Lena.
Jacques, Jean and
Jacques, St.
Jacques II, Jean.
Jane, Ida.
Jansen, Senator.
Jap, Little.
Japan, Empress of.
Jarmin, T. J.
Jarvis, Commodore.
Jean, Ethel.
Jeannette, La.
Jelley, Henry F.
Jennie, A. H.
Jennie, Alice and.
Jennie, Eu.
Jex, H. N.
Jim, Captain.
Jim, Lucky.
Jim, Uncle.
Joe, St.
John, Prince.
John, St.
John, Sir.
Johnson, George H.
Johnston, Eva.
Johnston, Wm.
Jones, Charlie.
Jones, Davey.
Joseph, Louis.
Joseph, St.
Josephine, Marie.
Juan, San.
Julian, St.
June, Jennie.
June, Opal.
Juste, De St.

"K"

Kelly, Gordon.
Kennedy, Susie.
Kenni-Gi-.
Ketchum 2nd, John B.
Kid, B. C.
Kid, Yellow.
Kilda, St.
King, Bonanza.
King, Erl.
King, G. K.
King, Gravel.
King, Maggie R.
King, Midland.
King, North.
King, Rapids.
King, Rideau.
King, Salmon.
King, Sand.
King, Sea.
King, Storm.
Kitchener, Lord.
Kitimat, War.
Kong, Hong.

"L"

La, Mary S.T.
Lachenais, St. Charles.
Ladner, Wm. H.
Lady, Gray.
Ladysmith, City of.
Laflamme, A.
Lake, Lady.
Lake, Rainey.
Lake, Seaton.
Lake, Stoney.
Lal, Sal.
Lamb, C. R.
Langley, Fort.
Lass, Saucy.
Lassie, Island.
Lassie, Scotch.
Laughlin, Mary A.
Launch, High View.
Laura, Minnie.
Laurent, St.
Laurie, Annie.
Laurier, Lady.
Laverdure, E. G.
Lawrence, St.
Le Blanc, B. and M
Le Blanc, Delemon
Le Blanc, Marie H.
Le Grand, Samuel
Lea, Albert.
Leaf, Holly.
Leaf, Ivy.
Leaf, Laurel.
Leaf, Maple.
Leaf, Oak.
Lee, Fred. A.
Lee, W. H.
Lenore, Frances.
Lester, Joseph.
Levy, Laura M.
Levy, S. F.
Lewis, Elgin L.
Light, Northern.
Lighter No. 1, Hudson Bay Terminals.
Ligne, Grande.
Lily, Ocean.
Lily, Water.
Limit, Legal.
Line, Pole.
Lion, British.
Lion, Sea.
Lloyd, C. C.
Loggie, Gray.
Logie, John.
Lorner, Sir.
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Long, Edward.
Longmire, Alice.
Lor, W. R.
Los, De.
Louis, St.
Louise Marie.
Louise, Mary.
Louise, Princess.
Low, Bush, S. S.
Lowe, E. E.
Luce, Mabel.
Lue, Ida.
Lumberman, United.
Lund, City of.
Lund, North of.
Lunn, Annie.
Lyon, Charles.
Lyons, Doris J.

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Mac, Bonnie.
Mac, Christena.
Mac, Donald.
Mac, Elsie.
Mac, Emma.
Mac, Jennie.

"M."

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Mac, Jolly.
Mac, Lena.
Mac, Roy.
MacAulay, Laird.
MacDonald, Mabel.
Mackay, Robert.
Macks, 4.
Mackworth, Lady.
MacNamara, Jean.
Maid, B. C.
Maillet, A. L.
Main, Maggie.
Maitland, Thomas.
Manan, Grand.
Mann, D. D.
Maquinna, Princess.
Marchement, S. W.
Maree, M.
Marguerite, Lottie and
Maria, Santa.
Marie, Anne.
Marie, Aurore.
Marie, Eva.
Marie, Ville.
Marshall, Frank.
Marshall, Samuel.
Martin, Dell.
Martin, Francis.
Martin, J. C.
Martin, Mildred.
Maru, Fuji-Mi.
Maru, Takara.
Maru, Logo.
Marwick, David.
Maru, Isurue.
Mary, Bold.
Mary, Ella.
Mary, Highland.
Mary, Princess.
Mason, C. S.
Mason, H.
Mason, P. B.
Mason, Thos.
Masset, War.
Mathieu, Tommy.
Mattes, Alice.
Matthews, W. D.
Maud, Alice.
Maud, Hazel.
Maude, Mary.
Maurice, St.
May, Annie.
May, Allena.
May, Bertha.
May, Clara.
May, Dorothy.
May, Elsa.
May, Emily.
May, Ethel.
May, Florence.
May, Gene and.
May, Lena.
May, Lilly.
May, Lina.
May, Lizzie.
May, Lula.
May, Maggie.
May, Minnie.
May, Princess.
May, Ruth.
May, Vera.
May, 3rd, Lady.
May, Ysabel.
Mayes, G. S.
Maytham, George.
Meaford, City of.
Meri, Ta.
Messenger, Hudson's Bay.
Metabetchouan, St. Louis de.
Merritt, C. H.
Michigan, Lake.
Mildred, Evelyn H.
Miller, C. L.
Miller, J. C.
Miller, Maggie.
Mills, J. E.
Minor, John A.
Minto, Lady.
Misener, E.
Mist, Maid of the.
Moiles, Annie.
Monk, John E.
Monkey, Powder.
Montgomery, J. H.
Moody, Port.
Moon, Full.
Moon, Half.
Moor, Dinty.
Moore, Daisy.
Moore, John R.
Moore, Judge.
Moore, Maud.
Moran, Eugene F.
Moran, Julia C.
Moran, M.
Morden, W. Grant.
Morgan, James.
Morley, W. B.
Morrell, R. J.
Morris, M. H.
Morrison, Geo. D.
Morrison, J. D.
Morse, Bessie L.
Mumford, J. A.
Munro, Daniel M.
Murphy, W. L.

"Mc."

Mc, Eleanor.
Mc, Laura.
McAulay, Frank G.
McCarthy, D'Alton.
McCarthy, J. J.
McCarthy, Leighton.
McColl, J. B.
McColl, Mildred.
McCormick, Isabella.
McCrea, Donald H.
McCrea, Elsie.
McCrea, Frank N.
McDonald, J. H.
McDonald, M. G.
McDonald, Robert.
McIntosh, G. P.
McKay, John.
McKee, J. A.
McKeowan, James.
McKinstry, A. E.
McLean, Helen G.
McLeod, D.
McLeod, J. B.
McLeod, Titus.
McMahon, Agnes.
McMaugh, Heward.
McMurray, Fort.
McNab, Davis.
McNaughton, P. B.
McPherson, Fort.
McRae, Commodore.
McRae, John.
McRae, Wm. F.
McVeittie, A.

"N"

Nabee, Senawa.
Nanoose, War.
Neilson, James.
Nelson, J. L.
New York, City of.
Nicholas, St.
Nickerson, Dorothy F.
Nickerson, Florence M.
No. 1, Dominion Park.
No. 1, Giant.
No. 1, Kingcome.
No. 1, Laval.
No. 1, M. T. Co.
No. 1, M. & F. Hopper Barge.
No. 1, Marine Express.
No. 1, National.
No. 1, North Vancouver Ferry.
No. 1, Ontario.
No. 1, P.R.T.
No. 1, P.W.D.
No. 1, Port Mann.
No. 1, Q.H.C. Grain Boat.
No. 1, Saginaw.
No. 1, Traversier.
No. 1, W.
No. II, Eleanor.
No. II, Yandgi.
No. 2, Laval.
No. 2, M. & F. Hopper Barge.
No. 2, North Vancouver Ferry.
No. 2, Ontario.
No. 2, Q.H.C. Dredge.
No. 2, Quathiaski.
No. 2, Rambler.
No. 2, Skookum.
No. 2, W.
No. 3, Laurentide.
No. 3, M. T. Co.
No. 3, Mayflower.
No. 3, New Castle.
No. 3, North Vancouver Ferry.
No. 3, Quathiaski.
No. 3, Supply.
No. 4, W.
No. 5, Quathiaski.
No. 5, West Vancouver.
No. 6, Newcastle.
No. 7, P.W.D.
No. 7, Quathiaski.
No. 7, Wales Island.
No. 8, M. & F.
No. 8, Quathiaski.
No. 8, Wales Island.
No. 9, Wales Island.
No. 10, Quathiaski.
No. 14, M. & F. Dredge.
No. 15, M. & F. Dredge.
No. 201, P.W.D.
Noble, John J.
Noel, Lena.
Noela, Marie.
Norcross, Jessie.
Nord, Cap.
Nord, Pole.
Norman, Fred and.
Notter, G. H.
North, Cock o' the.
North, Wanderer of the.
Nova, Terra.
Now, Where.
Nymph, Lady.

"O"

O'Brien, Julian V.
O'Brien, M. J.
Oak, Silver.
Oggell, E. C.
Ogilvie, William.
Oh, See Em.
Olaf, Prince.
Olbee, Lo.
Oldfield, W. S.
Orde, Colleen.
Ormonde, Lord.
Osborne, T.
Osler, E. B.
Ottawa, City of.

"P"

Packer, Harry E.
Packet, La Have.
Paine, J. B.
Paint, Fred. L. M.
Palos, Cap.
Parnell, C. S.
Pass, Let Me.
Pass, Pine.
Passage, Eastern.
Patch, Dan.
Patricia, Princess.
Pattee II, G. B.
Paul, F.
Paul, J.
Paul, J. A.
Paul, L.
Paul, Peter.
Paul, St.
Peach, Muriel.
Peaks, The Daughter of the
Pearl, Richibucto.
Pedwell, Henry.
Pee, Tee.
Pendergast, James.
Perew, Frank.
Peter III, Blue.
Peter, St.
Petrie, A. M.
Phelan, T. P.
Philipe, Louis.
Phillip, King.
Phillips, Harold B.
Phippen, F. H.
Ping, Mou.
Piper, Geo. F.
Pistoles, Trois.
Pioneer, Old.
Playfair, James.
Plume, Egret.
Point, Garry.
Point, Roche.
Poirier, H.
Portage, Rat.
Powell, C. B.
Pratt, D. S.
Pratt, John.
Price, Edwin.
Pride, Call Creek's.
Pride, Fisherman's.
Pride, Tracadie's.
Prince, Circassian.
Prince Albert, City of.
Prince, Midland.
Prince, Rapids.
Prince, Salmon.
Princess, Island.
Princess, Harrison.
Purdy, D. J.

"Q"

Queen, Cypress.
Queen, Fire.
Queen, Forest.
Queen, Gipsy.
Queen, Harrison.
Queen, Little.
Queen, Mohawk.
Queen, Motor.
Queen, Outlet.
Queen, Port Elgin.
Queen, Quinte.
Queen, Rapids.
Queen, Rideau.
Queen, Sea.
Queen, Somas.
Queen, Sombrio.
Quen, De

"R"

Racine, Alphonse.
Rae, Mary.
Ralph, Harvey and
Range, Kerry.
Ranger, Spanish.
Ranney, Gertrude A.
Randall, John.
Rap, Rip.
Rapids, Grand.
Raven, Black.
Ray, Lula M.
Ray, Prince.
Rayside, J. S.
Read, C. E
Reid, Aggie B.
Reid, Ethyll.
Reid, Mabel.
Reine, La.
Rhodes, Robert R.
Ridge, Vimy.
Rights, Equal.
Risser, Sadie J.
Ritchie, David.
Ritter, Charles W.

"R"

River, Bear.
River, Mossy.
River, North.
River, Oose.
River, Peace.
River, Slave.
Rivieres, Trois.
Roamer, English Bay.
Roberts, Lord.
Robertson, Mary I.
Robidoux, L.
Robinson, Hiram.
Roch, St.
Rock, Granite.
Rock, The High.
Rock, Plymouth.
Roebling, F. W.
Rollar, Wm.
Rolph, John.
Rose, Baltic.
Roses, Five.
Rooney, Wm. E.
Rooth, William A.
Roque, Russell.
Rose, Sea.
Rose, Wild.
Ross, E.
Ross, Elsie.
Ross, Ethel.
Ross, Gertrude.
Roy, Beatrice.
Royal, Princess.
Roxy, John.
Ruby, Grace &.
Rule, Home.
Rupert, Dixie.
Russell, Donald Patrick.
Russell, Jno. E.
Russell, W. B.
Russia, Empress of.
Ruth, Hazel.

"S"

St. Boniface, City of.
St. Juste, De.
St. Leon, Annie.
St. Pierre, Lac.
San Diego, City of.
Sault, Long.
Sawyer, Edgar P.
Scagel, Willie.
Schofield, J. D.
Scott, Charley M.
Scott, Walter.
Sea, Merry.
Seaman, Lillie.
Seath, David.
Second, Peter Pan.
Seibold, Wm. H.
Selkirk, City of.
Sena, Manu.
Sewell, Allan.
Seymour, W. H.
Shan, What.
Shaw, Chas.
Shaw, R. G.
Shell, Sea.
Shores, jr., E. A.
Shrigley, James.
Shippigan, Star of.
Side, East.
Side, River.
Sigogne, M.
Sigouin, Georges.
Simpson, Port.
Skeena, War.
Skinner, R. J.
Skugaid, Chief.
Slope, Western.
Smith, Andrew J.
Smith, C. R.
Smith, Geo. Winfield.
Smith, Gladys M.
Smith, Home.
Smith, J. M.
Smith, Lady.
Smith, M. E.
Smith, T. W.
Snow, Dorothy G.
Sophia, Letitia.
Sound, Howe.
Sound II, Howe.
Spark, Vital.
Spear, J. R.
Spratt, John H.
Sprite, (The Water).
Spur, Flying.
Stalker, Hugh.
Stanley, Frank H.
Stanton, Ray.
Staples, Howard.
Star, Centre.
Star, Day.
Star, Light.
Star, Morning.
Star, Northland.
Star, White.
Starratt, Grier.
Stearns, G. M.
Steedman, Jean.
Stella, Marie.
Stevens, Frank B.
Stevens, M., Blanche.
Stewart, Archie.
Stewart, Emily.
Stewart, Henrietta.
Stewart, Mabel.
Stewart, Martha.
Stewart, T. A.
Stikine, War.
Stone, Walter H.
Storey, James.
Stover, John R.
Strathcona, Lord.
Stream, Golden.
Stuart, Jack.
Sullivan, Mary.
Suquash, War.
Sun, Northland.
Sumas, War.
Sun, Rising.
Swan, Mary.
Symons, Dorothy.

"T"

Taylor, J. Frater.
Taylor, Joseph.
Taylor, W. J.
Tan, Roi.
Tannoo, War.
Temagami, Belle of.
Temagami, Queen of.
Tender, Dominion.
Terashita, T.
Thomas, D. A.
Thomas, Douglas H.
Thompson, J. S.
Thomson, Douglas H.
Thorburn, Gladys.
Thurston, Nellie.
Tidings, Glad.
Time, On.
To, Where.
Todd, Charles.
Tom, Jim and.
Tom, Uncle.
Tour, La.
Tow, No.
Tractor, Sea.
Trader, Gaspé.
Trader, Northland (The).
Transfer, Canada Atlantic.
Transfer, Hope.
Tremblay, A.
Trotter, Marion E.
Trudel, H.
Twain, Mark.
Twist, Oliver.
Twohig, F. C.
Tyee, Ear.

"U"

Upham, J. H.

"V"

Val, Du.
Vale, Maide.
Valley, Lillie.
Van, Lady.
Van Allen, D. R.
Vancouver, West.
Vancouver No. 5, West.
Vandenburg, Miss.
Vernon, City of.
Vezina, S.
Vien, Va et.
View, River.
Villa, Glen.
Viola, Helen.
Viola, Nellie.
Visger, Captain.
Vista, Buena.

"W"

Wade, Port.
Waffle, T. J.
Ward, J. W.
Warren, Homer.
Wasp, War.
Way, (The) Only.
Weatherspoon, W. M.
Weaver, R. G. A.
Weddell, Rob. G.
Wee, Ride a.
Weeks, Five.
Weitzel, General.
Wells, Cora.
Western, Great.
Whalen, Edward C.
Whalen, Laurel.
Wheaton, A. J.
Wheaton, James.
When, Say.
Wherry, M. E.
Whitaker, Byron.
White, Annie B.
White, B.
White, Colonel.
White, Etta.
Whiz, G.
Widow, College.
William, Georges.
Williams, Phyllis.
Williams, St.
Willow, Tit.
Wilson, William.
Wind, Beat the.
Winds, Four.
Wind, North.
Wing, Heron.
Wing, Whistle.
Wings, White.
Winnie, Mary.
Winton, Jack.
Witch, Water.
Witherbee, J. G.
Witt, De.
Wolff, Julius.
Wolseley, Lord.
Wolvin, Geraldine.
Wootsie, Tootsie.
Wynacht, Violet B.

"Y"

Yates, George W.
Yex, Ka.
York, Duchess of.
Young, Clara W.
Young, Ella M.
Young, George E.
Young, J. H.
Young, John.
Young, Zelma T.
Yount, Barbara.

"Z"

Zibassa, Chief.
Zwicker, G. B.

SAILING VESSELS.

" A "

Abbey, Olivia.
Aberdeen, Lady.
Ada, Jessie and.
Adams, Dorothy.
Adams, Douglas.
Adams, Frank H.
Adams, Marion.
Adams, Mildred.
Adams, Ruth D.
Adela, Marie.
Adelaide, Esther.
Adele, Edith.
Adelaide, Marie.
Adelmina, Maria.
Again, Try.
Agnew, Effie J.
Alba, Rose.
Albert, H. P.
Albert, Levi.
Albert, M. J.
Albert, William.
Aleta, Dorothy.
Alexander, Fort.
Alice, Maggie.
Alice, Mary.
Allan, Eliza.
Alma, Blanche.
Almanda, Marie.
Alphonsine, Marie.
Alvina, Marie.
Anderson, Annie B.
Anderson, Jane.
Andrews, Abbie L.
Andy, Handy.
Ange, Marie.
Ann, Eliza.
Ann, Elizabeth.
Ann, Hattie.
Ann, Joseph.
Ann, Julia.
Ann, Julie.
Ann, Margaret.
Ann, Marie.
Ann, Mary.
Anna, Rose.
Anne, Elie.
Anne, Marie.
Anne, Ste. Marie.
Annie, Jennie and.
Annie, Little.
Annie, Violet and.
Antoinette, Marie.
Anny, J.
Arca, Foederis.
Armstrong, E. E.
Arnoldi, John R.
Arthemise, Marie.
Ashley, Jessie.
Atalanta, Marie.
Atwood, Alice M.
Atwood, M. F.
Auger, H.
Avon, Princess of.
Awake, Wide.
Ayer, Sarah P.

" B "

Backman, Hilda M.
Backman, Marjorie E.
Baker, Mildred.
Balfour, Arthur J.
Ball, Snow.
Ballou, H. M.
Banks, Nellie J.
Baptiste, St. Jean.
Bar, Beacon.
Barber, James.
Barnard, Marie.
Barnston, Dredge.
Barry, W. R.
Barteaux, A. B.
Bartlett, A. C.
Bartlett, Ethel M.
Barton, Ida M.
Battle, Geraldine.
Baxter, W. H.
Bay, Thunder.
Bayard, Thomas F.
Bear, Big.
Beatrice, Helen and.
Beatrice, Lottie M.
Beatrice, Marie.
Beatrice, Mary.
Beatrice, R.
Beck, Cecil L.
Bedford, Mary.
Bell, Flora.
Bell, Gertie.
Bell, Ida.
Bell, Katie,
Bell, Lillie.
Bell, Maggie.
Bell, Mary.
Bell, Mary M.
Bell, Minnie.
Bell, Silver.
Bell, Simeon H.
Belle, Autumn.
Belle, Bertha.
Belle, Edna.
Belle, Elva.
Belle, Gertie.
Belle, Heather.
Belle, Medway.
Belle, Miscou.
Belle, Ocean.
Belle, Oressa.
Belle, Pokesudie.
Belle, River.
Belle, Sissie.
Belle, Village.
Belliveau, Emma.
Bells, Three.
Bend, North.
Benner, Clara A.
Bennett, Annie.
Bertha, Marie.
Bertha, Marie.
Betty, Lady.
Bibeau, A.
Bibeau, C.
Billow, Sparkling.
Bird, Lady.
Bird, Red.
Bird, Roving.
Bird, Sea.
Bird, Spring.
Bird, White.
Bishop, Ada D.
Blackburn, R. L.
Blanchard, Emile.
Blanchard, F.
Blanche, G.
Blanche, Lottie M.
Blanche, Marie.
Blanche, Nina.
Bluteau, G.
Boone, Charles.
Booth, John R.
Borden, R. L.
Boudreau, M. C. G.
Boudrot, S. D.
Boutilier, Lila.
Bow, Golden,
Boy, Arab.
Boy, Benecia.
Boy, Hay.
Boy, News.
Boy, Sand.
Boy, Stone.
Boyd No. 1, J. F.
Brainard, Katie.
Branch, River.
Breck, Marion L.
Bremner, E. R.
Bride, Minnie.
Brier C. Wild.
Brinton, Frank J.
Brittcliffe, W. F.
Brooks, Ina.
Brothers, Arseneau.
Brothers, Burque.
Brothers, Four.
Brothers, Haines.
Brothers, Hawley.
Brothers, Lewis.
Brothers, Three.
Brothers, Two.
Brow, Emma.
Brown, Jessie.
Brown, R. H.
Buckhout, B. B.
Buell, A. A.
Bull, John.
Burke, Emilien.
Burke, Ida M.
Burns, Katie A.
Burrard, Drill Boat.
Burstall, J.
Burton, F. H.
Burton, Mary E.
Bush, Money.
Butler, M. J.

" C "

Cable Co. No. 1, Pacific Coast.
Calkins, Bertie.
Calumet, No. 1.
Calvert, W. S.
Campbell, Ida O.
Campbell, Jean.
Cann, Malcolm.
Canuck, Jack.
Cap, White.
Carney, Fred.
Carrie, Ethel and.
Carter, Maud.
Carveth, Flora.
Case, Will W.
Casey, Lyman.
Catherine, Lizzie.
Catherine, Mary W.
Cavell, Edith M.
Celia, Marie.
Celina, Marie.
Charley, Little.
Charlie, Mattie and.
Chase, M. and L.
Chiasson, Marie.
Chief, Lasqueti.
Chief, Quinte.
Child, Ocean.
Chisholm, C. A.
Christian, Robert R.
Christmas, Merry.
City, Central.
City, Coquitlam.
Clark, Kate.
Clark, W. C.
Clarke, Ida M.
Claude, Marie.
Clipper, Eastern.
Clodia, Marie.
Coin, Laurent au.
Colgate, Freeman.
Collins, J. E.
Colp, Lucille M.
Columba, S. M.
Colwell, E. B.
Connaught, Duke of.
Conrad, Annie E.
Conrad, Douglas B.
Conrad, Norma L.
Conrod, E. D.
Conway, Thomas J.
Cook, Francis D.
Cook, Minnie M.
Coolen, Norma P.
Corkum, Clark L.
Corkum, Doris L.
Corkum, Irene M.
Corkum, Elsie L.
Corkum, Lillian B.
Cormier, P.
Cousins, Three.
Cox, J. J.
Cox, Jane.
Cox, R. M.
Crane, Willard.
Creaser, Donald A.
Creaser, Kathleen C.
Creaser, Lucille B.
Croft, J.
Crombie, W. A.
Crosby, Helen M.
Crowell, Elisha.
Culmer, Mary.
Cunningham, Ida M.
Current, Swift.
Curry, Aggie.
Curwin, H.

" D "

Dakin, J. C.
Dale, River.
Dale, Robert J.
Daley, Claude B.
Daneau, E.
Daniel, King.
Dansereau, Geo.
Darling, True.
Davidson, William.
Davies, E. H. Wharton.
Davis, A. C.
Davis, Alice J.
Davis, George F.
Davis, Helen.
Davis, James.
Davis, Lyman M.
Davis, Minnie.
Dawn, Early.
Dawn, Rising.
Day, John.
Day, Josie L.
Day, Peep O'.
Day, Sunny.
Denvers, Mable.
Decora, Maria.
Degagne, J. Z.
Deep River, No. 5.
Deep River, No. 6.
Delaney, M. M.
Dell, Hazel.
Delphine, Marie.
Demarais, L. T.
Dennis, John E.
Derrick Scow, S. McN.
Desert, Grand.
Dewey, Commodore.
Dicks, Henry H.
Dicks, Minnie J.
Dickson, Harry.
Dieu, Le Don de.
Dina, Edouard.
Dipper, Great.
Dixon, Nellie.
Dobbins, D. P.
Dobell, W. M.
Dominion, New.
Donaldson, B.
Donovan, Beatrice.
Donovan, Elizabeth.
Dora, Minnie M.
Doucet, Joseph.
Douglas, James.
Douglas, Marion G.
Dow, George.
Drake, Admiral.
Dredge No. 1, Toronto Harbour Commission.
Dredge No. 2, Toronto Harbour Commission.

Dredge No. 3, Toronto Harbour Commission.
Dredge No. 11, M. & F.
Dredge No. 12, M. & F.
Dredge No. 13, M. & F.
Drill Boat No. 6, J. E. Russell's.
Duck, Sea.
Duff, Jean Dundonald.
Duguay, Reno.
Dunn, Stuart H.
Dunphy, Mary A.

"E"

Eagle, Grey.
Eagle, White.
Earle, Joseph.
Easy, Free and
Eccles, Katie.
Ecoole, Maid of.
Eddie, Little.
Edna, L.
Edna, Linnie and.
Edna, Mary.
Edouard, Charles.
Edward, King.
Edward, Prince.
Edwards, G. C.
Eileen, Rose.
Eisnor, A. G.
Elaine, Mildred.
Elena, Gladys.
Elida, Marie Louise.
Elise, Marie.
Eliza, Marie.
Elizabeth, Marie.
Elizabeth, Mary.
Elizabeth, W. F.
Ella, Katie and.
Ella, Maggie.
Ellen, Louisa.
Ellen, Mary.
Ellen, Maudie.
Ellis, Harry C.
Ellis, Sarah E.
Ellsworth, Col.
Elsie, Ena and.
Elvina, C. M.
Emelie, Marie.
Emeline, Hattie.
Emeline, Mary.
Emerson, Marion.
Emma, Mary.
Emma, Marie.
Emmerson, H. R.
Empire, United.
England, Peter.
English, May.
Ernst, J. H.
Esther, Maggie and.
Ethel, Geneva.
Ethel, Grace and.
Etoile, Marie.
Eunice, Utah and.
Eva, Hattie and.
Evans, David.
Evans, Leslie.
Evelyn, Augusta.
Evelyn, Vira.
Ewen, Frank D.

"F"

Fader No. 3, E. J.
Fader No. 4, E. J.
Fair, World's.
Fairen, Frank.
Falt, Edward S.
Faulkner, Mary E.
Fay, J. B.
Faye, Emerson.
Ferry, Dorval.
Ferryboat, Rose Point.
Fides, Bona.
Filer, Grace M.
Finder, Gold.
Fish, Sea.
Fish, White.
Fisher, Eliza.
Fisher, King.
Fitch, Edson.
Fitzhugh, Henry.
Flash, Electric.
Fleet, Pride of the.
Florence, Bessie.
Florence, Lily.
Florence, Mary M.
Flower, Sea.
Fly, Sand.
Foam, Flying.
Foam, Sea.
Foley, W. F.
Fougere, Lady.
Fox, Sea.
Frances, Lauretta.
Frances Louise, Madeline.
Francis, Minnie.
Frank, Dredge.
Frank, John and.
Franklin, Lady.
Franklyn, M. A.
Fraser, Wilma.
Fraserville, St. Patrick de.
Freres, D. B.
Friant, White and.
Fritchie, Barbara.
Fulton, E. A.

"G"

Gardner, Frances.
Gardner, M. M.
Gaskill, Mollie G.
Gaskin, John.
Gauntlet, Red.
George, King.
George, Lloyd.
Georger, F. A.
Georgina, Marie.
Georgina, Rosa.
Gertie, Alma L.
Getson, Daniel.
Giant, Little.
Gidney, Emma.
Gill, D.
Gill, Z.
Gillam, Maud.
Girl, Island.
Gladys, Adeline.
Gladys, Aileen.
Glenn, Helen.
Glory, Morning.
Glory, Old.
Glow, Sunset.
Go, Rise and.
Gordon, Gay (The).
Gordon, Mary S.
Goreham, Eliza.
Goreham, Margaret B.
Grace, Rodrid.
Gracie, Little.
Grafftey, W. K.
Grant, Kate.
Gray, John.
Gray, Mark H.
Greene, Fred.
Greenleaf, Lizzie J.
Greenwood, A. C.
Grey, Earl.
Grier, G. A.
Gris, Nuage.
Groat, George.
Grogan, Stephen P.
Grover, Edward.
Grozier, Edwin A.
Guy, Prince.

"H"

Hackett, Dredge.
Hains, M. E.
Halifax, John.
Hall, Doris.
Hall, Laura C.
Haney, Michael J.
Hankinson, Esther.
Hanscom, Belle.
Harbour, Golden.
Hardwick, B. B.
Hardy, Leah.
Harrison, Benjamin.
Hart, Elsie M.
Hart, Gladys G.
Hartlin, Viola G.
Harvey No. I. Neree.
Haskell, Charles.
Haskell, Loring B.
Hawk, Fish.
Hazel, Enid.
Hazen, J. D.
Heir, Little.
Heney, John.
Heppell, J. E.
Heppell, Lady.
Herman, Hazel E.
Hervey, R. G.
Higgins, Freddie A.
Hilda, Grace.
Hilda, Mary and.
Hill, Lady.
Hilton, Annie.
Himmelman, Vera E.
Hines, Edna R.
Hirtle, Carrie L.
Holder, H. A.
Holland, B. & B.
Holland, Dredge.
Hollett, Donald G.
Hollett, Ella C.
Hollett, Gordon M.
Holmes, Sadie O.
Holt, Amos M.
Home, Happy.
Home, Summer.
Home, Sweet.
Hood, Robin.
Hortense, Laura.
Horton, Hilda M.
Howard, Effie.
Hubley, A.
Hudson, Agnes.
Hunter, Isaac.
Hunter, Nellie.
Hur, Ben.
Hutt, Hattie.
Hutt, Violet M.

"I"

Ida, Ilona and
Imp, Saucy.
Ina, Hattie and.
Inkpen, Marjorie N.
Intent, Good.
Isabelle, Marie.
Island, Crane.
Islander, Round.
Islands, Gilbert.

"J"

Jack, Saucy.
Jack, Supple.
Jackson, G. K.
James, Eddie.
James, Jessie.
Jamieson, Wm.
Jane, Abby.
Jane, Aana.
Jane, Emma.
Jane, Eva.
Jane, Highland.
Jane, Lena.
Jane, Letty.
Jane, Maggie.
Jane, Mary.
Jane, Sarah.
Janes, C. W.
Jax, B.
Jax, G.
Jean, Bonnie.
Jean, Mack.
Jeanne, Marie.
Jessie, Little.
Joe, Little.
John, Sir.
Johnson, Harry M.
Johnston, Joseph P.
Jordon, Phoebe.
Joseph, Jean.
Joseph, Marie.
Josey, M. A.
Josiah, King.
Jour, Le Point du.
Jubilee, Diamond.
Julia, Lidie and.
Julia, Maggie.
Justine, Marie.

"K"

Kate, Bonnie.
Katheleen, Margaret.
Kearney, Philip.
Keast, Abbie.
Keefer, Bessie S.
Kelley, Bertha.
Kelly, G. C.
Kennedy, John.
Kenney, M. S.
Kenney, Olga B.
Kilderhouse, John.
Kilham, Oliver F.
King & Co., No. 23, J. B.
King & Co. No. 36, J. B.
King, Euretta.
King, Nellie J.
King, Rock.
King, Sea.
King, Susan.
Kitchener, H. H.
Knight, Pythian.
Knight, R.
Kollage, John G.

"L"

Labranche, H.
Lafleur, A.
Lafleur, H.
Lake, Little.
Lambert, Lady.
Lambert, Mary.
Lengevin, Hon. Hector.
Laroche, D. N.
Larsen, Julia.
Lass, Clare.
Laura, Minnie.
Laure, Marie.
Laurier, Lady.
Lawrence, Florence C.
Leaf, Maple.
Leaf, Silver.
Leaf, Village.
Leamy, D'Arcy.
Leamy, Katie.
Le Bouthilier, Marie.
Lebrun, Z.
Lee, Cora.
Lee, Dora.
Lee, Horman.
Lee, John A.
Lee, Winnifred.
Leeson, Margaret Jane.
Légere, Lea.
Lemoine, Frances.
Lent, Jessie.
L'Esperance, Marie.
Levy, Hazel.
Lewis, E. G.
Lewis, Gertie.
Light, Golden.
Light, Morning.
Lilian, Alethea.
Lillie, Annie and.
Lilly, Calla.
Lilly, T.
Lily, Jersey.
Lily, Water.
Links, Three.
Linnet, Green.
Linwood, Lelia.
Lion, British.
Lisa, Mona.
Lis, Fleur de.
Lockhart, F. C.
Lombard, E. A.
Lomond, Ben.
Long, Minnie.

"L"

Loring, Hattie.
Lost, Paradise.
Louis, M. A.
Louis, Prince.
Louisa, Annie.
Louisa, Marie.
Louise, Exilda Marie.
Louise, Frances.
Louise, Frances Madeline.
Louise, Hattie.
Louise, Lillian.
Louise, Mary.
Louise, Millie.
Louise, Myra.
Louise, Princess.
Louisiana, Marie.
Love, True.
Luby, Louis.
Luff, Sophia J.
Lutz, Albert J.
Lydon, Mary Ann.
Lynch, David.
Lyon, Mary.

"M"

Mabel, Ella.
Mack, Beatrice S.
Mack, Minnie.
Mack, Myrtle.
Mader, Flo F.
Magee, John.
Magill, C. J.
Maggie, Iona and.
Mahone, Belle.
Maid, Forest.
Marcotte, U.
Marcus, Wilfred.
Margaret, Katie.
Margare, Mary J.
Margeson, J. W.
Marie, Fleur de.
Marie, G. H.
Marie, G., Joseph.
Marie, Reine.
Marie, Stella.
Marin, Duc de la.
Marin, Etoile d'un.
Marin, Loup.
Maris, Stella.
Marr, Winnifred.
Marryatt, G. H.
Marten, Gordon.
Martin, J. B.
Maru, Shinyei.
Maru, Togo.
Marvin, E. B.
Mary, Ellen.
Mary, F.
Mason, Lydia A.
Master, Grand.
Mathews, Flora.
Matilda, Mary.
Mattatall, Alice.
Maud, Alice.
Maud, Anna.
Maud, Bertha.
Maud, Effie.
Maud, Ellen.
Maud, Hattie.
Maud, Helen.
Maud, Helena.
Maud, Hilda.
Maud, Louise.
Maud, Minnie.
Maurice, E.
Maxner, Allison.
May, Abbie.
May, Alice.
May, Annie.
May, Bessie.
May, Clifford.
May, Drucilla.
May, Edna.
May, Effie.
May, Ellen.
May, Etha.
May, Ethel.
May, Eva.
May, Fanny.
May, Finettie.
May, Florence.
May, Geneva.
May, Ida.
May, Jennie.
May, Lilly.
May, Madona.
May, Maggie.
May, Margaret.
May, Mary.
May, Merry.
May, Mina.
May, Minnie.
May, Rilla.
May, Stella.
May, Viola.
May, Winnie.
May, Zillah.
Mayfield, E.
Me, Catch.
Mea, Cara.
Meade, General.
Meg, Mons.
Melbourne, William.
Melita, Dorothy.
Mercier, Honorable.
Merrill, Julia B.
Middleton, General.
Mildred, Erzie G.
Milford, R. H.
Millard, S. B.
Millen, G. H.
Miller, Evelyn V.
Miller, Hazel B.
Millette, A.
Minch, Sophia.
Mine, Lady.
Mist, Maid of the.
Mogul, Great.
Moltke, Von.
Monk, Edward.
Montague, Henry L.
Moody, Minnie E.
Moon, Silver.
Moran, David.
Morden, Dolly.
Morgan, M. G.
Morse, George H.
Mosher, Gladys.
Mosher, Marion.
Mosher, Maud.
Mosher, Minnie M.
Mouse, Sea.
Mouton, Sault au.
Mowat, Oliver.
Muir, A.
Mulhall, D. C.
Munro, C. G.
Munroe, Murray R.
Munroe, Olive.
Munroe, Owen A.
Murphy, Julia.
Myers, Mildred G.
Myra, E. D.
Myrer, Mollie.
Myrtle, Clarica and.
Mysterieuse, Rose.

"Mc"—"Mac."

MacIntosh, H. H.
MacKay, Adam B.
MacKenzie, J. Harry.
MacKenzie, R. L.
McBride, John.
McDonald, M. A.
McDougall, Mary E.
McDougall, Thomas.
McGee, Lizzie S.
McGill, Joseph.
McGlashen, Agnes D.
McGlashan, Marjorie.
McGowan, Willie
McKay, Hattie.
McKay, W. C.
McKenzie, K.
McLachlan, Mary E.
McLaurin, Alexander.
McLeod, Ethel.
McVea, E. J.
McWilliams, E.

"N"

Nash, Elizabeth.
Nelida, Marie.
Nell, Little.
Nellie, Alice and.
Nellie, Carrie and.
Nelson, Alma.
Nelson, Port.
Newell, Jessie.
Newhall, A. C.
Newhall, Edith.
Newland, J. B.
News, Good.
Nickerson, D. E.
Nickerson, Effie B.
Nickerson, Freda N.
Nickerson, M. L.
Nickerson, Ora.
No. 1, Allans.
No. 1, Atagé.
No. 1, Bk.
No. 1, Bruiser.
No. 1, Bute.
No. 1, Canadian Northern Pacific.
No. 1, Charles E. Stoody.
No. 1, Cobledick Dredge.
No. 1, Constance.
No. 1, Delver.
No. 1, Dks.
No. 1, Dombrico.
No. 1, Empire.
No. 1, Fort.
No. 1, (The) Foundation Co.
No. 1, Genoa.
No. 1, Gilley.
No. 1, Granby.
No. 1, Grue.
No. 1, Handy.
No. 1, Himble.
No. 1, Compagnie Générale, Hopper Scow.
No. 1, Lake St. Louis.
No. 1, Laurin & Leitch.
No. 1, McLean.
No. 1, Manley & Co.
No. 1, Mayers.
No. 1, Minion.
No. 1, Neebish.
No. 1, Nidge.
No. 1, Oil Transport.
No. 1, Ponton.
No. 1, Provincial.
No. 1, Rock Breaker.
No. 1, Rock Cutter P.W.D.
No. 1, Sayward.
No. 1, Phin & Co., Scow.
No. 1, Temiscamingue.
No. 1, Tom.
No. 1, Wabash.
No. 1, Woodward.
No. 1, Zephir.
No. 2, Allans.
No. 2, Bk.
No. 2, Cadeco.
No. 2, Canadian Northern Pacific.
No. 2, City Dredge.
No. 2, Dks.
No. 2, Dombrico.
No. 2, Domincoal.
No. 2, Empire.
No. 2, Ewen.
No. 2, (The) Foundation Co.
No. 2, Genoa.
No. 2, Gilley
No. 2, Compagnie Générale, Hopper Scow.
No. 2, Independent Asphalt.
No. 2, Lake St. Louis.
No. 2, Laurin & Leitch.
No. 2, McLean.
No. 2, Miramichi.
No. 2, Phantom.
No. 2, Ponton.
No. II, Puget.
No. 2, Rainbow.
No. 2, Phin & Co., Scow
No. 2, Temiscamingue.
No. 2, Vie.
No. 2, Westholme.
No. 3, Allans.
No. 3, Bruiser.
No. 3, Calleco.
No. 3, Canada.
No. 3, Colonial.
No. 3, Empire.
No. 3, (The) Foundation Co.
No. 3, Fraser Mills.
No. 3, Gilley.
No. 3, Compagnie Générale, Hopper Scow.
No. 3, Lake St. Louis.
No. 3, Laurin & Leitch.
No. 3, Lund.
No. 3, McDowell.
No. 3, McLean.
No. 3, Temiscamingue.
No. 3, Vie.
No. 3, Westholme.
No. 4, Allans.
No. 4, Cadeco.
No. 4, Dominion.
No. 4, Ewen.
No. 4, Gilley.
No. 4, Compagnie Générale, Hopper Scow
No. 4, Laurin & Leitch.
No. 4, Miramichi.
No. 4, Shipman.
No. 5, Allans.
No. 5, Dombrico.
No. 5, Fallon Bros.
No. 5, Fraser Mills.
No. 5, Gilley.
No. 5, Compagnie Générale, Hopper Scow.
No. 5, Laurin & Leitch.
No. 6, Allans.
No. 6, Dombrico.
No. 8, Bute.
No. 9, Phin & Co., Scow.
No. 11, Pioneer S. & G. Co.
No. 301, Dredge, P.W.D.
North, Pride of the.
Now, Ready.

"O"

O'Day, Peep.
Odell, Mary.
Olia, Gladys.
Oliva, Marie.
Oliver, E. M.
Olson, Ida A.
One, Queensboro.
Ontario, New.
Opp, Julie.
O'Toole, M.
Otter, Colonel.
Ours, Gros.
Oxner, Lena F.
Oxner, Sarah L.

"P"

P.W.D. No. 3, Lobnitz.
Padoue, St. Antoine de.
Page, Maggie.
Palmer, Jennie.
Paris, U.
Parker, Alph. B.
Parker, I. N.
Parker, John.
Parks, Lowell.
Parks, Percival S.
Parsons, Minnie G.
Parsons, Ralph S.
Patry, J. W.
Patten, Emily H.
Paul, Jean.
Pauline, Agnes.
Pauline, Avis.
Pauline, Edith.
Peard, Ada.
Pearl, Ada and.
Pearl, George.
Pearl, Sea.

"P"

Pearl, Shippigan.
Pearl, Susie.
Pearl, Vesta.
Pearl, Viola.
Pease, Edward S.
Penniman, George.
Pennington, B. L.
Perry, A. I.
Perry, G. H.
Peters, Ida.
Phoebe, Alice.
Phillips, H. C.
Phillips, Henry L.
Pickels, Edna V.
Pierreville, Notre Dame d
Pink, Sea.
Plunkett, Wilfred.
Potter, Emma E.
Potter, John C.
Porter, Elsie.
Posa, Marie.
Power, Wm.
Price, Hon. David.
Premier, Elevator Dredge.
Primrose, Dredge.
Prince, Crown.
Prince, Western.
Prize, First.
Proctor, Emma.
Purdy, Myrtle.

"Q"

Queen, Bay.
Queen, British.
Queen, Copper.
Queen, Fairy.
Queen, Forest.
Queen, May.
Queen, Quoddy.
Queen, Richmond.
Queen, Salmon.
Queen, Scotia.
Queen, Sea.
Queen, Silver.
Queen, Snow.
Queen, Village.
Queen, Virgin.
Queen, Wave.
Quinlan, Hattie.
Quinlan, Hugh.
Quyon, No. 1.
Quyon, No. 2.

"R"

Raquette, Marie.
Raymond, Chesley.
Redfern, J. H.
Reed, Isabel.
Reid, Nellie.
Reine, Vice.
Renaud, A.
Rene, J. G.
Reynolds, Freddie M.
Rhuland, G. A.
Richard, C.
Richard, Carl E.
Richard, W. M.
Richardson, Charlie.
Rider, Wm. H.
Riley, Margaret May.
Ritcey, Hazel L.
Rive, Mary E.
Rivere, Peter.
Rhoda, Rita V.
Robertson, Angus W.
Robertson, J.
Robertson, W. G.
Robidoux, M.
Robidoux, W.
Rockbreaker No. 2, Lobnitz.
Rockbreaker No. 1, M. F.
Roche, Cap a la.
Rod, Golden.
Romkey, Mary M.
Roop, Georgina.
Rose, Bella.
Rose, Fanny.
Rose, Mary.
Rose, River.
Rose, Wild.
Rosanna, Marie.
Rouge, Dragon.
Rover, Ocean.
Rowley, W. H.
Roy, Jessie.
Roy, Rob.
Roy, Willie.
Rudolph, Ella M.
Rule, Golden.
Russell, C. E.
Russell, Edmund.
Russell, Lottie R.

"S"

Sabean, E. A.
Saint, J. B.
St. Laurent, Marie.
St. Nicholas, Gabriel de.
Salmon, Big.
Sarty, Dorothy P.
Saunders, Uda A.
Saxon, Anglo-.
Schnare, Lucille M.
Schwartz, Leta A.
Scow, Mudpout.
Scrimgeour, John G.
Seeker, Fish.
Seeker, Gold.
Seeton, Sarah H.
Selig, Louisa J.
Shell, Clam.
Siewerd, Dora.
Silver, Amy B.
Silver, Donald L.
Silver, Lottie A.
Simcoe, Dredge.
Simonds, Richard.
Sinclair, Wm.
Sisters, Three.
Sisters, Twin.
Sisters, Two.
Sixsmith, W. H.
Slater, James.
Slipper, Sea.
Smart, Dorothy M.
Smith, A. D.
Smith, Annie.
Smith, Benjamin C.
Smith, Edna M.
Smith, Frances W.
Smith, George M.
Smith, Gladys B.
Smith, Gladys M.
Smith, Lady.
Smith, Lewis H.
Smith, Lucille M.
Smith, Mira L.
Smith, R. A.
Smith, Ronald G.
Smith, Tira.
Smith, Vivian P.
Smith, W. H.
Smith, William C.
Smith, Loren B.
Smith, Wilfred L.
Snow, Dorothy G.
Snowball, Senator.
Sound, Puget.
Spears, Mary E.
Spindler, Annie L.
Spray, Ocean.
Spray, Silver.
Stanley, H. M.
Star, Flying.
Star, Mary.
Star, Morning.
Star, Sea.
Star of the Sea, Mary.
Starr, Gertie M.
Step, Quick.
Stephens, G. M.
Stephenson, Isaac.
Stella, Leading.
Stella, Maria.
Stella, Marie.
Stella, Nora.
Stoody No. 1, Charles E.
Stuart, Katie E.
Suffell, W. J.
Sun, Rising.
Swallow, Bark.
Swallows, Three.
Swan, River.
Swan ,Silver.
Swanton, Josephine.
Swift, Maggie.
Swift, Miss.

"T"

Talbot, D.
Tarr, Della F.
Taber, Horace.
Taylor, M. J.
Taylor, Mary.
Templeton, Lord.
Theriault, Charles.
Thomas, James W.
Thomas, William.
Thomey, Chrissie C.
Thompson, Flo.
Thorburn, Blanche M.
Thornhill, Maud.
Thread, Silver.
Tidings, Glad.
Tobey, Avis C.
Todd, J. W.
Todman, H. N.
Togo, Admiral.
Tolmie, J.
Tower, Ada.
Townsend, Sarah A.
Trade, Free.
Trahan, Clarence.
Traverse, Lower.
Traverse, Upper.
Trial, First.
Trim, Corporal.
Trois Saumons, St. Joseph.
Troop, Howard D.
Turner, Amy.
Turpel, Sadie.
Two, Queensboro.
Twohig, F. C.

"U"

Unity, M.

"V"

Vair, Helen.
Vaughan, Etta.
Vaughn, Daisy.
Verna, Abbie.
Vezina, Emile.
Victoria, Princess.
Victoria, Reine.
View, Sea.
Voges, Theodore.
Vogler, Jessie M.

"W"

Wade, F. B.
Wall, Katie E.
Wallace, M. B.
Walters, C. A.
Walters, C. M.
Walters, Clayton W.
Walters, E. B.
Walters, Muriel B.
Ward, E. C.
Warmington, G. H.
Warren, Annie L.
Washington, I. R.
Waters, P.
Waters, W. H.
Watters, Nellie.
Wave, Wild.
Weasel, Red.
Weeks, George H.
Welland, New.
West, Golden.
West, North.
West, Violet.
Westhaver, Ada M.
Westhaver, Phyllis L.
Weston, Maud.
Whalen, P.
Whidden, Gladys E.
White, Eliza.
White, N. W.
White, W. F.
Whitman, A. H.
Whittier, T. W. J.
Wilfred, Sir.
Willard, Frances.
Willard, Frances E.
Williams, J. C.
Williams, V. F.
Willie, Prince
Willow, Bessie.
Wilson, Agnes.
Wilson, Norman F.
Wind, West.
Wing, Fleet.
Wing, White.
Wing, Winnie.
Wings, White.
Winters, Muriel E.
Winters, Warren G.
Wisp, Will o' the.
Witch, Water.
Witbeck, Henry.
Woster, Flora.
Wynot, W. S.

"X"

Xavier, Francois.
Xavier, St. Francois.

"Y"

Yankee, Flying.
Yergeau, A.
York, Duke of.
Young, Albert A.
Young, Alena L.
Young, Fanny.
Young, J. B.
Young, J. M.
Young, Lizzie.
Young, Mary D.
Young, Muriel M.

"Z"

Zellars, E. M.
Zembla, Nova.
Zinck, Ida M.
Zoe, Marie.

INTERNATIONAL CODE OF SIGNALS.

This list is prepared for the purpose of enabling officers at signal stations on shore, and masters of Ships at sea to signal and report passing ships. It contains the name and distinguishing signal of every ship registered in Canada to which a code signal has been allotted to the 31st December, 1918. The particulars of each ship are given both in the order of the signal letters and in the alphabetical order of their names.

Applications for the allottment of a code signal for the purpose of making ship's name known at sea should be made on form C.C.S.I. to the Registrar of Shipping at the port to which it belongs.

THE ENSIGN TO BE SHOWN AT THE PEAK, OVER THE CODE PENNANT, WHEN THE SIGNAL LETTERS ARE HOISTED.

British Ships Registered in Canada to which distinguishing signals have been allotted, arranged in alphabetical order.

Name of Ship.	Port of Registry.	Signal. letters.
A. E. McKinstry	Montreal, Que.	T.M.P.D.
Acacia	Port Medway, N.S.	W.K.N.J.
Acadia	Ottawa, Ont.	J.C.M.D.
Ada A. McIntyre	St. John, N.B.	T.N.V.S.
Ada Tower	Parrsboro, N.S.	J.N.K.R.
Adam B. MacKay	Parrsboro, N.S.	T.N.K.H.
Adeline	Liverpool, N.S.	R.W.L.K.
Advent	Windsor, N.S.	W.M.B.P.
Ainslie	Liverpool, N.S.	T.M.W.B.
Alaska	Vancouver, B.C.	T.N.K.B.
Albemania	Liverpool, N.S.	T.N.C.K.
Alert	Weymouth, N.S.	W.D.L.J.
Alfred Ock Hedley	Parrsboro, N.S.	T.N.C.R.
Amelia	Magdelen Islands, Que.	N.M.G.R.
Amherst	Charlottetown, P.E.I.	W.N.J.D.
Amur	Vancouver, B.C.	L.Q.T.F.
Angouleme	Montreal, Que.	T.M.W.S.
Annie B. Anderson	Parrsboro, N.S.	T.M.W.R.
Aranmore	Ottawa, Ont.	L.V.N.B.
Azov	Toronto, Ont.	M.P.J.S.
Bayfield	Ottawa, Ont.	L.C.F.M.
Beauharnois	Ottawa, Ont.	R.F.L.Q.
Beechland	Annapolis Royal, N.S.	T.M.V.N.
Bellas	Quebec, Que.	T.M.K.C.
Bermudian	Montreal, Que.	H.B.P.K.
Bernice, R.	La Have, N.S.	T.P.B.D.
Bessie Dollar	Victoria, B.C.	H.D.V.N.
Bethalma	Port Stanley, Ony.	T.N.S.K.
Bravo	Lunenburg, N.S.	W.D.P.G.
Bristol	Windsor, N.S.	S.G.M.H.
British Columbia	Vancouver, B.C.	V.H.K.G.
Burleigh	Halifax, N.S.	W.K.P.R.
C. W. Janes	Quebec, Que.	J.P.L.V.
Calburga	Maitland, N.S.	M.J.B.N.
Cambrai	Pictou, N.S.	T.P.B.C.
Camosun	Vancouver, B.C.	H.M.V.R.
Canada	Ottawa, Ont.	T.M.J.N.
Canada	Vancouver, B.C.	M.Q.N.S.
Canada	Windsor, N.S.	M.H.W.F.
Canadian	Montreal, Que.	T.M.Q.N.
Cape Breton	Montreal, Que.	L.T.Q.V.
Cape Race	Liverpool, N.S.	T.N.W.R.
Carlotta G. Cox	Vancouver, B.C.	W.D.L.N.
Cartier	Ottawa, Ont.	H.Q.P.W.
Cashier	Halifax, N.S.	T.N.S.Q.
Celina K. Goldman	St. John, N.B.	T.N.L.D.
Charles A. Ritcey	Lunenburg, N.S.	T.N.B.Q.
Charles E. Lefurgey	Charlottetown, P.E.I.	K.F.N.M.
Chasina	Vancouver, B.C.	W.D.V.G.
Chautauqua	Lunenburg, N.S.	T.N.G.H.
Chilco	Vancouver, B.C.	H.B.T.F.
Chiralite	Toronto, Ont.	T.M.V.H.
Chrissie C. Thomey	Ottawa, Ont.	T.Q.N.K.
Christine	Ottawa, Ont.	H.C.V.L.
Circassian Prince	Toronto, Ont.	L.C.N.V.
City of Ghent	Halifax, N.S.	W.Q.R.V.
Coban	Montreal, Que.	W.H.N.K.
Corunna	Montreal, Que.	M.H.L.Q.
Cruizer	Halifax, N.S.	N.S.Q.R.
Daniel Getson	Lunenburg, N.S.	T.M.V.D.
Daniel M. Munro	Windsor, N.S.	T.M.K.D.
Dolphin	Arichat, N.S.	S.K.C.F.
Don Parsons	Windsor, N.S.	T.N.C.P.
Dora Siewerd	Victoria, B.C.	W.K.N.V.
Dornfontein	St. John, N.B.	T.N.K.D.
Drallim	Liverpool, N.S.	T.N.M.H.
E. A. Sabean	Port Medway, N.S.	W.H.D.R.
E. B. Marvin	Halifax, N.S.	W.D.L.P.
E. E. A. Armstrong	Windsor, N.S.	T.M.W.L.
E. L. Comeau	La Have, N.S.	T.N.W.S.
Edith M. Cavell	Shelburne, N.S.	T.M.N.S.
Edna V. Pickels	Annapolis Royal, N.S.	W.M.C.P.
Egeria	St. John, N.B.	S.W.H.P.
Elva	Shelburne, N.S.	W.D.N.S.
Empress of Asia	Vancouver, B.C.	J.C.K.F.
Empress of Japan	Vancouver, B.C.	M.C.H.Q.
Empress of Russia	Vancouver, B.C.	J.B.S.Q.
Ensenada	Windsor, N.S.	T.C.M.D.
Esther Adelaide	Parrsboro, N.S.	T.M.V.Q.
Eugene Owen Mackay	Parrsboro, N.S.	T.N.W.V.
Evadne	Pictou, N.S.	W.H.C.G.
Eveline Wilkie	La Have, N.S.	T.N.F.G.
Exilda	Parrsboro, N.S.	T.M.Q.R.
F. C. Lockhart	St. John, N.B.	T.Q.W.F.
Farlings	Halifax, N.S.	T.N.M.P.
Favonian	Windsor, N.S.	T.P.B.F.
Florence C. Lawrence	Port Hawkesbury, N.S.	V.L.K.C.
Flying Cloud	St. John, N.B.	T.G.H.D.
Fortune	Sydney, N.S.	S.K.R.M.
Frances Louise	Lunenburg, N.S.	T.M.S.W.
Freida E.,	Parrsboro, N.S.	T.N.S.V.
G. T. D.	Quebec, Que.	H.P.L.M.
Galiano	Ottawa, Ont.	T.M.N.Q.
G. R. Crowe	Toronto, Ont.	H.L.K.S.
Garthclyde	Montreal, Que.	J.Q.F.M.
General George C. Hogg	Parrsboro, N.S.	T.N.S.V.
Geraldine Wolvin	Vancouver, B.C.	T.M.Q.B.
Gilbert Islands	Liverpool, N.S.	T.M.J.W.
Glenfoyle	Midland, Ont.	J.C.V.Q.
Glenmavis	Midland, Ont.	J.C.K.R.
Glooscap	Windsor, N.S.	T.C.N.L.
Golden Rod	Windsor, N.S.	M.R.D.G.
Guiana	Montreal, Que.	H.L.D.P.
Gulnare	Ottawa, Ont.	V.S.P.W.
Gwennith	Ottawa, Ont.	H.S.B.L.
Halifax	Halifax, N.S.	H.T.F.N.
Halifax	Halifax, N.S.	K.V.C.R.
Hamborn	Halifax, N.S.	T.M.K.H.
Hamburg	Windsor, N.S.	K.J.H.W.
Harold Dollar	Vancouver, B.C.	H.R.W.Q.
Henriette	Vancouver, B.C.	T.N.S.M.
Hilda M. Stark	Annapolis Royal, N.S.	T.N.C.G.
Hochelaga	Montreal, Que.	H.V.M.S.
Hocking	Halifax, N.S.	T.M.K.G.
Huntley	Windsor, N.S.	T.N.V.J.
Iberville	Gaspe, Que.	T.J.R.G.
Imbricaria	Vancouver, B.C.	N.F.G.T.
Imperial	Sarnia, Ont.	Q.C.P.J.
Imperoyal	Sarnia, Ont.	J.B.W.D.
Impoco	Sarnia, Ont.	J.C.N.M.
Impressive	La Have, N.S.	T.N.K.L.
Integral	Lunenburg, N.S.	T.N.B.R.
Inverneill	Montreal, Que.	N.V.K.R.
Inversnaid	Montreal, Que.	M.P.V.W.
Invictus	Annapolis Royal, N.S.	W.M.C.B.
Iocolite	Sarnia, Ont.	T.M.P.K.
Iocoma	Sarnia, Ont.	H.W.J.N.
Imperia	Montreal, Que.	Q.S.L.R.
Ivigtut	Quebec, Que.	R.D.S.M.
J. A. McKee	Sault Ste. Marie, Ont.	H.N.C.B.
J. E. Backman	La Have, N.S.	T.N.P.S.
J. H. Wade	Montreal, Que.	T.N.J.V.
James Slater	La Have, N.S.	T.N.M.K.
Jean Steedman	Victoria, B.C.	T.M.W.N.
Janet Carruthers	Vancouver, B.C.	T.M.Q.F.
Jessie Brown	Charlottetown, P.E.I.	S.F.H.V.
Jessie Louise Fauquier	Windsor, N.S.	T.P.B.G.
Jessie Noreross	Vancouver, B.C.	T.M.Q.D.
Katherine V. Mills	Annapolis Royal, N.S.	H.P.M.K.
Kenora	Toronto, Ont.	H.L.R.N.
Kerry Rang	Montreal, Que.	J.M.K.C.
Korona	Montreal, Que.	K.F.B.H.
La Canadienne	Ottawa, Ont.	T.N.V.B.
Lady Evelyn	Quebec, Que.	S.K.C.V.
Lady Grey	Ottawa, Ont.	T.M.P.C.
Lady of Gaspe	Quebec, Que.	R.C.H.W.
Lansdowne	Ottawa, Ont.	W.D.M.H.
Laurel Whalen	Vancouver, B.C.	T.M.Q.C.
Lewis Brothers	Halifax, N.S.	T.M.V.W.
Lillie	Maitland, N.S.	Q.M.N.C.
Lillooet	Victoria, B.C.	H.P.M.G.
Lingan	Montreal, Que.	H.T.W.G.
Lockwood	St. John, N.B.	L.D.F.C.
Lord Dufferin	Montreal, Que.	Q.C.W.M.
Lord Omonde	Quebec, Que.	R.G.V.B.
Lord Stratheona	Quebec, Que.	T.H.R.L.
Louis Theriault	Weymouth, N.S.	T.N.K.V.

British Ships Registered in Canada to which distinguishing signals have been allotted, arranged in alphabetical order

Name of Ship.	Port of Registry.	Signal. letters.	Name of Ship.	Port of Registry.	Signal. letters.
Louisburg	Montreal, Que	V.L.Q.B.	Sarnolite	Sarnia, Ont	T.M.P.Q.
Lovisa	Windsor, N.S	T.C.M.L.	Scotia II	Ottawa, Ont	J.L.S.B.
M. J. Taylor	Quebec, Que	W.H.D.F.	Scotia Belle,	Weymouth, N.S	T.N.C.M.
Macassa	Hamilton, Ont	K.R.J.T.	Scotsman	Halifax, N.S	T.V.D.W.
Mabel Brown	Vancouver, B.C	T.M.P.W.	Seal	Windsor, N.S	H.S.N.M.
Mabel Stewart	Vancouver, B.C	T.M.Q.G.	Sellasia	St. John, N.B	S.N.V.R.
Maggie Bell	Lunenburg, N. S	W.M.C.R.	Selma	Vancouver, B.C	W.D.V.G.
Maid of Brazil	Weymouth, N.S	T.N.C.S.	Senlac	St. John, N.B	T.Q.L.S.
Maid of Canada	Weymouth, N.S	T.N.W.K.	Severn	Charlottetown, P.E.I	J.R.P.C.
Malahat,	Victoria, B.C	T.M.W.C.	Severn	Windsor, N.S	M.H.R.P.
Malaspina	Ottawa, Ont	T.M.N.T.	Silver Leaf	Parrsboro, N.S	T.Q.M.F.
Manxman	Montreal, Que	K.W.J.T.	Silver Queen	Maitland, N.S	T.M.S.Q.
Margaret	Ottawa, Ont	T.M.J.P.	Simla	Vancouver, B.C	T.M.J.B.
Margaret F. Dick	Windsor, N.S	T.N.M.Q.	Skoda	Windsor, N.S	N.C.V.J.
Margaret Haney	Vancouver, B.C	T.M.P.W.	Socony	Weymouth, N.S	T.N.D.R.
Margery Mahaffy	Lunenburg, N.S	T.N.K.F.	Stormont	Montreal, Que	H.P.M.D.
Marmiom	Vancouver, B.C	N.G.H.T.	Tanagra	St. John, N.B	R.H.G.M.
Martha Parsons	Windsor, N.S	T.N.S.L.	Talaralite	Toronto, Ont	T.N.C.D.
Melanson Bros	Weymouth, N.S	T.N.V.R.	Tees	Victoria B.C	N.T.B.W.
Melmore	Vancouver, B.C	M.R.D.V.	Tepie	Vancouver, B.C	J.B.D.P.
Melville Dollar	Vancouver, B.C	H.C.B.S.	Thomas J. Drummond	Sault Ste. Marie, Ont	T.M.W.J.
Meredith A. White	Parrsboro, N.S	T.N.L.B.	Toiler	Kingston, Ont	H.S.L.G.
Messenger	Arichat, N.S	S.K.C.D.	Traveller	St. John, N.B	T.G.H.B.
Mina Brea	Toronto, Ont	H.N.S.B.	Trebia	St. John, N.B	T.J.D.Q.
Minnie G. Parsons	Windsor, N.D	T.M.P.S.	Truro Queen	Parrsboro, N.S	T.N.V.S.
Miriam H	Weymouth, N.S	T.N.V.G.	Tuna	Montreal, Que	T.M.J.Q.
Misty Star	Shelburne, N.S	T.N.B.G.	Turbinia	Hamilton, Ont	T.N.S.R.
Monteagle	Vancouver, B.C	Q.V.N.C.	Turret Cape	Montreal, Que	N.V.H.P.
Montclair	Yarmouth, N.S	T.N.W.Q.	Turret Court	Montreal, Que	P.M.J.L.
Natashquan	Quebec, Que	J.S.M.Q.	Turret Crown	Vancouver, B.C	N.T.S.L.
Neptune	Liverpool, N.S	S.F.C.W.	Tyrian	Halifax, N.S	J.P.W.B.
Nevada	Montreal, Que	L.V.G.T.	Varuna	Quebec, Que	Q.H.N.W.
Newington	Vancouver, B.C	R.G.C.W.	Venture	Victoria, B.C	H.Q.N.S.
Newona	Montreal, Que	H.P.Q.R.	Vincent A. White	Parrsboro, N.S	T.N.L.C.
Nitinat	Victoria, B.C	K.C.N.M.	Virginie	Quebec, Que	W.N.Q.R.
Northmount	Montreal, Que	H.M.N.B.	Vogue	La Have, N.S	T.M.S.P.
Northumberland	Charlottetown, P.E.I	T.C.N.Q.	W. H. Baxter	Windsor, N.S	W.M.C.L.
Olinda	Liverpool, N.S	W.D.P.L.	W. M. Richard	Annapolis Royal, N.S	T.Q.W.L.
Ontario	Windsor, N.S	Q.N.S.G.	War Atlin	Vancouver, B.C	T.N.R.K.
Ophelia	Shelburne, N.S	W.M.B.C.	War Baline	Victoria, B.C	T.N.L.P.
Pandosia	St. John, N.B	R.P.Q.B.	War Charger	Vancouver, B.C	T.N.M.G.
Parima	Montreal, Que	L.J.C.N.	War Carnechin	Victoria, B.C	T.N.L.Q.
Pesaquid	Maitland, N.S	T.M.J.S.	War Cariboo,	Vancouver, B.C	T.N.L.J.
Petite Riviere	Liverpool, N.S	S.F.G.R.	War Casco	Vancouver, B.C	T.N.R.H.
Plymouth	Windsor, N.S	T.D.C.F.	War Cayuse	Vancouver, B.C	T.N.L.K.
Porsanger	Montreal, Que	T.N.K.C.	War Chilkat	Vancouver, B.C	T.N.R.L.
Prince Albert	Prince Rupert, B.C	M.T.P.R.	War Dog	Vancouver, B.C	T.M.Q.H.
Prince Arthur	Yarmouth, N.S	R.D.V.J.	War Edensaw	New Westminster, B.C	T.N.R.C.
Prince George	Yarmouth, N.S	Q.K.B.S.	War Haida	Victoria, B.C	T.N.L.R.
Prince John	Prince Rupert, B.C	H.Q.M.K.	War Kitimat	New Westminster, B.C	T.N.R.D.
Princess	Charlottetown, P.E.I	T.Q.W.B.	War Nanoose	Victoria, B.C	T.N.M.B.
Princess May	Vancouver, B.C	P.V.N.Q.	War Nicola	Vancouver, B.C	T.N.R.J.
Princess Patricia	Victoria, B.C	H.V.D.J.	War Masset	Victoria, B.C	T.N.L.H.
Priscilla	Liverpool, N.S	S.D.Q.M.	War Tanoo	Vancouver, B.C	T.N.R.M.
Racewel	Weymouth, N.S	T.M.W.Q.	War Skeena	Victoria, B.C	T.N.L.W.
Ralph T. Parsons	Windsor, N.S	T.M.V.S.	War Stikine	Victoria, B.C	T.N.L.V.
Ranger	Gaspe, Que	T.F.G.D.	War Sumas	New Westminster, B.C	T.N.M.S.
Reginolite	Sarnia	T.M.V.R.	War Suquash	Vancouver, B.C	T.N.R.P.
Rayond'or	Halifax, N.S	H.W.L.D.	War Tyee	New Westminster, B.C	T.N.M.R.
Rebecca L. MacDonald	Digby, N.S	T.N.B.J.	War Wasp	Pictou, N.S	T.M.V.C.
Reine Victoria	Quebec, Que	T.K.W.C.	Wethersfield	Montreal, Que	T.M.K.J.
Renvoyle	Toronto, Ont	J.L.W.P.	Wild Wave	Liverpool, N.S	T.G.Q.F.
Retlaw	Sarnia, Ont	T.J.Q.M.	William A. Naugler	La Have, N.S	T.N.F.C.
Rewa	Parrsboro, N.S	T.C.N.P.	William Duff	Lunenburg, N.S	T.N.F.L.
Richard Simonds	St. John, N.B	S.C.V.D.	William Melbourne	Parrsboro, N.S	T.M.V.P.
Roman	Vancouver, B.C	H.K.W.J.	Wm. Thos. Moore	Halifax, N.S	J.M.W.D.
Rosedale	Hamilton, Ont	K.R.T.N.	Winona	Hamilton, Ont	H.G.V.F.
Royalite	Sarnia, Ont	T.M.P.L.	Winthewar	La Have, N.S	T.M.W.P.
St. Mihiel	Toronto, Ont	T.P.B.H.	Wren	Canso, N.S	P.D.L.W.
Salvor	Victoria, B.C	J.S.C.T.	Yarmouth	Yarmouth, N.S	K.L.P.V.
			Zeta	Windsor, N.S	W.K.P.N.

British Ships Registered in Canada to which distinguishing signals have been allotted, arranged in order of signal letters.

Signal letters.	Name of Ship — Port of Registry.	Official number.
H.B.P.K...	Bermudian of Montreal, Que.....	120477
H.B.T.F....	Chilco of Vancouver, B.C.....	87034
H.C.B.S....	Melville Dollar of Victoria, B.C..	121212
H.C.V.L....	Christine of Ottawa, Ont.....	86714
H.D.V.N...	Bessie Dollar of Vancouver, B.C..	121272
H.G.V.F...	Winona of Hamilton, Ont.....	122851
H.K.W.J...	Roman of Vancouver, B.C.....	124774
H.L.D.P....	Guiana of Montreal, Que.....	125603
H.L.KS....	G. R. Crowe of Toronto, Ont.....	123324
H.L.R.N...	Kenora of Toronto, Ont.....	124235
H.M.N.B...	Northmount of Montreal, Que.....	124260
H.M.V.R...	Camosum of Vancouver, B.C.....	121204
H.N.C.B...	J. A. MaKee of Sault Ste. Marie, Ont.....	125442
H.N.C.G...	Kinmount of Montreal, Que.....	128218
H.N.S.B...	Mina Brea of Toronto, Ont.....	125773
H.P.L.C....	Pineland of Annapolis, N.S.....	112004
H.P.L.M...	G.T.D. of Quebec.....	97096
H.P.M.D...	Stormont of Montreal, Que.....	122409
H.P.M.G...	Lillooet of Victoria, B.C.....	122395
H.P.M.K...	Katherine V. Mills of Aanapolis Royal, N.S.....	126012
H.P.Q.R...	Newona of Montreal, Que.....	125470
H.Q.M.K...	Prince John of Prince Rupert, B.C.	129472
H.Q.N.S...	Venture of Victoria, B.C.....	129475
H.Q.P.W...	Cartier of Ottawa, Ont.....	129745
H.R.W.Q...	Harold Dollar of Victoria, B.C....	129531
H.S.B.L....	Gwennith of Ottawa, Ont.....	129159
H.S.L.G....	Toiler of Kingston, Ont.....	129767
H.S.N.M....	Seal of Windsor, N.S.....	129556
H.T.F.N....	Halifax of Halifax, N.S.....	129590
H.T.W.G...	Lingan of Montreal, Que.....	132810
H.V.D.J....	Princess Patricia of Victoria, B.C.	115685
H.V.M.S...	Hochelaga of Montreal, Que.....	132818
H.W.J.N...	Iocoma of Sarnia, Ont.....	132745
H.W.L.D...	Rayon d'or of Halifax, N.S.....	134737
J.B.D.P....	Tepic of Vancouver, B.C.....	87180
J.B.W.D....	Imperoyal of Sarnia, Ont.....	135209
J.B.S.Q....	Empress of Russia of Vancouver, B.C.....	135197
J.C.K.F....	Empress of Asia of Vancouver, B.C	135226
J.C.K.R....	Glenmavis of Midland, Ont.....	133533
J.C.N.M....	Impoco of Sarnia Ont.....	135238
J.C.V.Q....	Glenfoyle of Midland, Ont.....	135641
J.C.W.T....	Honoreva of Montreal, Que.....	134700
J.L.S.B....	Scotia II of Ottawa, Ont.....	
J.L.W.P....	Reavoyle of Toronto, Ont.....	126836
J.M.K.C....	Kerry Range, Montreal, Que.....	137494
J.M.W.D...	Wm. Thos. Moore of Halifax, N.S.	134466
J.N.K.R....	Ada Tower of Parrsboro, N.S.....	133895
J. P.L.V....	C. W. Janes of Quebec.....	88588
J.P.W.B....	Tyrian of Halifax, N.S.....	60459
J.Q.F.M....	Garthclyde of Montreal, Que.....	82960
J.R.P.C....	Severn of Charlottetown, P.E.I...	88648
J.S.C.T....	Salvor of Victoria, B.C.....	62279
J.S.M.Q....	Natashquan of Quebec, Que.....	62598
K.C.N.M...	Nitinat of Victoria, B.C.....	91255
K.F.B.H...	Korona of Montreal, Que.....	91901
K.F.N.M...	Charles E. Lefurgey of Charlotte-town, P.E.I.....	88658
K.H.M.C...	Emma R. Smith of Windsor, N.S.	85439
K.J.H.W...	Hamburg of Windsor, N.S.....	92482
K.L.P.V....	Yarmouth of Yarmouth, N.S.....	93373
K.R.J.T....	Macassa of Hamilton, Ont.....	93922
K.R.T.N...	Rosedale of Hamilton, Ont.....	95265
K. V.C.R...	Halifax, of Halifax, N.S.....	95099
K.W.J.T....	Manxman of Montreal, Que.....	93825
L.C.F.M....	Bayfield of Ottawa, Ont.....	96049
L.D.F.C....	Lockwood of St. John, N.B.....	61833
L.J.C.N....	Parima of Montreal, Que.....	96643
L.Q.T.F....	Amur of Vancouver, B.C.....	98073
L.T Q.V....	Cape Breton of Montreal, Que.....	97808
L.V.G.T....	Nevada of Montreal, Que.....	95225
L.V.N.B....	Aranmore of Ottawa.....	98579
M.C.H.Q...	Empress of Japan of Vancouver, B.C.....	98911
M.H.L.Q...	Corunna of Montreal, Que.....	99224
M.H.R.P...	Severn of Windsor, N.S.....	85448
M.H.W.F...	Canada of Windsor, N.S.....	100262
M.J.B.N....	Calburga of Maitland, N.S.....	90478
M.P.J.S....	Azov of Toronto, Ont.....	99402
M.P.V.W...	Inversnaid of Montreal, Que.....	99639
M.Q.N.S...	Canada of Vancouver, B.C.....	99675
M.R.D.G...	Golden Rod of Windsor, N.S.....	100271
M.T.P.R...	Prince Albert of Prince Rupert, B.C.....	99584
M.R.D.V...	Melmore of Vancouver, B.C.....	99833
N.C.V.J....	Skoda of Windsor, N.S.....	100733
N.F.G.T....	Impricaria of Vancouver, B.C.....	99710
N.G.H.T...	Marmion, Vancouver, B.C.....	102622
N.M.G.R...	Amelia of Magdelen Islands, Que..	104069
N.S.Q.R....	Cruizer of Halifax, N.S.....	104606
N.T.B.W...	Tees of Victoria, B.C.....	95929
N.T.S.L....	Turret Crown of Vancouver, B.C..	104279
N.V.H.P....	Turret Cape, Montreal, Que.....	104283
N.V.K.R...	Inverneill of Montreal, Que.....	104512
P.D.L.W...	Wren of Canso, N.S.....	104200
P.M.J.L....	Turret Court of Montreal, Que.....	106608
P.V.N.Q....	Princess May of Vancouver, B.C..	109860
Q.C.P.J....	Imperial of Sarnia, Ont.....	108346
Q.C.W.M...	Lord Dufferin of Montreal, Que....	108624
Q.H.N.W...	Varuna of Quebec, Que.....	85758
Q.K.B.S....	Prince George of Yarmouth, N.S..	110003
Q.M.N.C...	Lillie of Maitland, N.S.....	100338
Q.N.S.G....	Ontario of Windsor, N.S.....	72190
Q.S.L.R....	Iperia of Montreal, Que.....	110544
Q.V.N.C...	Monteagle of Vancouver, B.C.....	110554
R.C.H.W...	Lady of Gaspe of Quebec, Que....	78554
R.D.S.M...	Ivigtut of Quebec, Que.....	74292
R.D.V.J....	Prince Arthur of Yarmouth, N.S..	110131
R.F.L.Q....	Beauharnois of Ottawa, Ont.....	33476
R.G.C.W...	Newington of Vancouver, B.C.....	110697
R.G.V.B...	Lord Ormonde of Quebec, Que....	110506
R.H.G.M...	Tanagra of St. John, N.B.....	110601
R.H.Q.C...	Gaspesien of Quebec, Que.....	70228
R.P.Q.B....	Pandosia of St. John, N.B.....	110649
R.W.L.K...	Adeline of Liverpool, N.S.....	36608
S.C.V.D....	Richard Simonds of St. John,N.B.	37172
S.D.Q.M...	Priscilla of Liverpool, N.S.....	37374
S.F.C.W....	Neptune of Liverpool, N.S.....	37470
S.F.G.R....	Petite Riviere of Liverpool, N.S..	37497
S.F.H.V....	Jessie Brown of Charlottetown P. E.I.....	37514
S.G.M.H...	Bristol of Windsor, N.S.....	78988
S.J.T.K....	Margaret of Ship Harbour, N.S....	38362
S.K.C.D....	Messenger of Arichat, N.S.....	38417
S.K.C.F....	Dolphin of Arichat, N.S.....	38418
S.K.C.V....	Lady Evelyn of Quebec, Que.....	109680
S.K.R.M...	Fortune of Sydney, N.S.....	38589
S.M.W.K...	Elizabeth of Charlottetown P.E.I.	39113
S.N.V.R....	Sellasia of St. John, N.B.....	113495
S.W.H.P....	Egeria of St. John, N.B.....	80008
T.C.M.D...	Ensenada of Windsor, N.S.....	94735
T.C.M.L....	Lovisa of Windsor, N.S.....	97189
T.C.L.N....	Glooscap of Windsor, N.S.....	100108
T.C.N.P....	Rewa of Parrsboto, N.S.....	100511
T.C.N.Q...	Northumberland of Charlottetown P.E.I.....	96937
T.D.C.F....	Plymouth of Windsor, N.S.....	80801
T.F.G.D...	Ranger of Gaspe, Que.....	41568
T.G.H.B...	Traveller of St. John, N.B.....	41821
T.G.H.D...	Flying Cloud of St. John, N.B.....	41823
T.G.Q.F....	Wild Wave of Liverpool, N.S.....	41929
T.H.R.L....	Lord Strahcona of Quebec, Que....	99478
T.J.D.Q....	Trebia of St. John, N.B.....	115272
T.J.Q.M....	Retlaw of Sarnia, Ont.....	115131
T J.R.G....	Iberville of Gaspe, Que.....	42425
T.K.W.C...	Reine Victoria of Quebec, Que.....	42707
T.M.J.B....	Simla of Vancouver, B.C.....	97766
T.M.J.N....	Canada of Ottawa, Ont.....	116870
T.M.J.P....	Magaret of Ottawa, Ont.....	135668
T.M.J.Q....	Tuna of Montreal, Que.....	115849
T.M.J.S....	Pesaquid of Maitland, N.S.,.....	116558
T.M.J.W....	Gilbert Islands of Liverpool, N.S.	131208
T.M.K.C...	Bellas of Quebec, Que.....	138081
T.M.K.D...	Daniel M. Munro of Windsor, N.S	112065
T.M.K.G...	Hocking of Halifax, N.S.....	102730
T.M.K.H...	Hamborn of Halifax, N.S.....	134464

SESSIONAL PAPER No. 22

British Ships Registered in Canada to which distinguishing signal have been allotted, arranged in order of signal letters.

Signal letters.	Name of Ship — Port of Registry.	Official number.
T.M.K.J.	Wethersfield of Montreal, Que.	114445
T.M.N.P.	Malaspina of Ottawa, Ont.	136044
T.M.N.Q.	Galiano of Ottawa, Ont.	136047
T.M.N.S.	Edith M. Cavell of Shelburne, N.S.	138202
T.M.P.C.	Lady Grey of Ottawa, Ont.	122014
T.M.P.D.	A. E. McKinstry of Montreal, Que.	129491
T.M.P.K.	Iocolite of Sarnia, Ont.	134514
T.M.P.L.	Royalite of Sarnia, Ont.	134513
T.M.P.Q.	Sarnolite of Sarnia, Ont.	134515
T.M.P.S.	Minnie G. Parsons, Windsor, N.S.	130254
T.M.P.V.	Mabel Brown of Vancouver, B.C.	138351
T.M.P.W.	Margaret Haney of Vancouver, B.C.	138353
T.M.Q.B.	Geraldine Wolvin of Vancouver, B.C.	138354
T.M.Q.C.	Laurel Whalen of Vancouver, B.C.	138367
T.M.Q.D.	Jessie Norcross of Vancouver, B.C.	138368
T.M.Q.F.	Janet Carruthers of Vancouver, B.C.	138369
T.M.Q.G.	Mabel Stewart of Vancouver, B.C.	138684
T.M.Q.H.	War Dog of Vancouver, B.C.	
T.M.Q.N.	Canadian of Montreal, Que.	125427
T.M.Q.R.	Exilda of Parrsboro, N.S.	125966
T.M.S.N.	Marie Barnard of Vancouver, B.C.	138690
T.M.S.P.	Vogue of La Have, N.S.	138209
T.M.S.Q.	Silver Queen of Maitland, N.S.	116559
T.M.S.W.	Frances Louise of Lunenburg, N.S.	138546
T.M.V.C.	War Wasp of Pictou, N.S.	103810
T.M.V.D.	Daniel Getson of Lunenburg, N.S.	138399
T.M.V.H.	Chiralite of Toronto, Ont.	138536
T.M.V.N.	Beechland of Annapolis Royal, N.S.	138431
T.M.V.P.	William Melbourne of Parrsboro, N.S.	133900
T.M.V.Q.	Esther Adelaide of Parrsboro, N.S.	138471
T.M.V.R.	Reginolite	
T.M.V.S.	Ralph S. Parsons of Windsor, N.S.	130256
T.M.V.W.	Lewis Brothers of Halifax, N.S.	138347
T.M.W.B.	Ainslie of Liverpool, N.S.	130243
T.M.W.C.	Malahat of Victoria, B.C.	134655
T.M.W.H.	War Fish of Port Arthur, Ont.	138008
T.M.W.J.	Thomas J. Drummond of Sault Ste Marie, Ont.	126863
T.M.W.L.	E. E. Armstrong of Windsor, N.S.	130257
T.M.W.N.	Jean Steedman of Victoria, B.C.	134658
T.M.W.P.	Winthewar of Liverpool, N.S.	138198
T.M.W.Q.	Racewel of Weymouth, N.S.	138445
T.M.W.R.	Annie B. Anderson of Parrsboro, N.S.	138474
T.M.W.S.	Angouleme of Montreal, Que.	138211
T.N.B.G.	Misty Star of Shelburne, N.S.	
T.N.B.J.	Rebeeca L. MacDonald of Digby, N.S.	
T.N.B.Q.	Charles A. Ritcey of Lunenburg, N.S.	138555
T.N.B.R.	Integral of Lunenburg, N.S.	138554
T.N.C.D.	Tabaralite, Toronto, Ont.	137907
T.N.C.G.	Hilda M. Stark of Annapolis Royal N.S.	138432
T.N.C.K.	Albemania of Liverpool, N.S.	138200
T.N.C.P.	Don Parsons, Windsor, N.S.	
T.N.C.R.	Alfred Ock Hedley, Parrsboro, N.S.	138476
T.N.C.S.	Maid of Brazil, Weymouth, N.S.	138801
T.N.F.C.	William A. Naugler LaHave, N.S.	138645
T.N.F.G.	Evelin Wilkie, LaHave, N.S.	138646
T.N.F.L.	William Duff, Lunenburg, N.S.	138883
T.N.G.H.	Chautauqua, Lunenburg, N.S.	138835
T.N.J.V.	J. H. Wade, Montreal, Que.	134616
T.N.K.B.	Alaska, Vancouver, B.C.	
T.N.K.C.	Porsanger, Montreal, Que.	
T.N.K.D.	Dornfontein of St. John, N.B.	
T.N.K.F.	Margery Mahaffy of Lunenburg, N.S.	138826
T.N.K.H.	Adam B. MacKay of Parrsboro, N.S.	138472
T.N.K.L.	Impressive of La Have, N.S.	138648
T.N.K.R.	Socony of Weymouth, N.S.	138442
T.N.K.V.	Louis Theriault of Weymouth, N.S.	138803
T.N.K.W.	Ferida E. of Parrsboro, N.S.	138477
T.N.L.B.	Meredith A. White of Parrsboro, N.S.	138479
T.N.L.C.	Vincent A. White of Parrsboro, N.S.	138478
T.N.L.D.	Celina K. Goldman of St. John, N.B.	
T.N.L.P.	War Baline, Victoria, B.C.	140936
T.N.M.G.	War Charger, Vancouver, B.C.	141128
T.N.M.H.	Drallim of Liverpool, N.S.	
T.N.M.K.	James Slater of La Have, N.S.	138191
T.N.M.P.	Farlings of Halifax, N.S.	138758
T.N.M.Q.	Margaret F. Dick of Windsor, N.S.	
T.N.R.M.	War Tanoo of Vancouver, B.C.	141208
T.N.R.P.	War Suquash of Vancouver, B.C.	141195
T.N.R.C.	War Edensaw of New Westminster, B.C.	140987
T.N.S.K.	Bethalma of Port Stanley, Ont.	121959
T.N.S.L.	Martha Parsons of Windsor, N.S.	
T.N.S.M.	Henriette of Vancouver, B.C.	112254
T.N.S.P.	J. E. Backman of LaHave, N.S.	141131
T.N.S.Q.	Cashier of Halifax, N.S.	138759
T.N.S.R.	Turbina of Hamilton, Ont.	112201
T.N.S.V.	General George C. Hogg of Parrsboro, N.S.	141161
T.N.V.J.	Huntley of Windsor, N.S.	
T.N.V.R.	Melanson Bros of Weymouth, N.S.	
T.N.V.S.	Ada A. McIntyre of St. John, N.B.	138593
T.N.V.F.	Truro Queen of Parrsboro, N.S.	141162
T.N.V.G.	Miriam H. of Weymouth, N.S.	138806
T.N.W.K.	Maid of Canada, Weymouth, N.S.	
T.N.W.Q.	Montclair, Yarmouth, N.S.	138747
T.N.W.R.	Cape Race, Liverpool, N.S.	140869
T.N.W.S.	E. L. Comeau, La Have, N.S.	141132
T.N.W.V.	Eugenie Owen MacKay, Parrsboro N.S.	141165
T.P.B.C.	Cambrai, Pictou, N.S.	138652
T.P.B.D.	Bernice, R., La Have, N.S.	141133
T.P.B.F.	Favonian, Windsor, N.S.	141073
T.P.B.G.	Jessie Louise Fauquier, Windsor, N.S.	
T.N.L.H.	War Masset, Victoria, B.C.	138788
T.N.L.Q.	War Camchin, Victoria, B.C.	140939
T.N.L.J.	War Cariboo, Vancouver, B.V.	141036
T.N.L.K.	War Cayuse, Vancouver, B.C.	141037
T.N.L.R.	War Haida, Victoria, B.C.	140940
T.N.M.B.	War Nanoose, Victoria, B.C.	140949
T.N.L.W.	War Skeena, Victoria, B.C.	140942
T.N.L.V.	War Stikine, Victoria, B.C.	140941
T.N.R.K.	War Atlin, Vancouver, B.C.	141127
T.N.R.H.	War Canso, Vancouver, B.C.	141118
T.N.R.L.	War Chilkat, Vancouver, B.C.	141205
T.N.R.C.	War Edensaw, New Westminster, B.C.	140987
T.N.R.D.	War Kitimat, New Westminster, B.C.	141172
T.N.R.J.	War Nicola, Vancouver, B.C.	141125
T.N.M.R.	War Tyree of New Westminster, B.C.	140981
T.N.N.S.	War Sumas of New Westminster, B.C.	140982
T.N.V.B.	La Canadienne of Ottawa, Ont.	82778
T.P.B.H.	St. Mihiel, Toronto, Ont.	137909
T.Q.L.S.	Senlac of St. John, N.B.	112239
T.Q.M.F.	Silver Leaf of Parrsboro, N.S.	112329
T.Q.N.K.	Chrissie C. Thomey of Ottawa, Ont.	127672
T.Q.W.E.	Princess of Charlottetown, P.E.I.	103595
T.Q.W.F.	F. C. Lockhart of St. John N.B.	126018
T.Q.W.J.	Lady Sybil of Magdalen Isds., P.Q.	85406
T.Q.W.L.	W. M. Richard of Annapolis Royal N.S.	126598
T.Q.W.N.	David C. Ritcey of Lunenburg, N.S.	133812
T.V.D.W.	Scotsman of Halifax, N.S.	116114
V.H.K.G.	British Columbia of Vancouver, B.C.	119063

British Ships Registered in Canada to which distinguishing signal have been allotted, arranged in order of signal letters.

Siganl letters.	Name of Ship — Port of Registry.	Official number.1	Signal letters.	Name of Ship — Port of Registry.	Official number.
V.L.K.C....	Florence C. Lawrence of Port Hawkesbury, N.S.....	46907	W.H.N.K..	Coban of Montreal, Que.....	86071
V.L.Q.B....	Louisburg of Montreal, Que.....	83582	W.K.N.J...	Acacia of Port Medway, N.S.....	83313
V.S.P.W....	Gulnare of Ottawa, Ont.....	97071	W.K.N.V...	Dora Siewerd of Victoria, B.C....	100168
W.D.L.J....	Alert of Weymouth, N.S.....	94823	W.K.P.N...	Zeta of Windsor, N.S.....	112058
W.D.L.N...	Carlotta G. Cox of Vancouver, B.C	97154	W.K.P.R...	Burleigh of Halifax, N.S.....	116450
W.D.L.P...	E. B. Marvin of Halifax, N.S.....	94810	W.M.B.C...	Ophelia of Shelburne, N.S.....	111690
W.D.M.H..	Lansdowne of Ottawa, Ont.....	90604	W.M.B.P...	Advent of Windsor, N.S.....	112321
W.D.M.S...	Elva of Shelburne, N.S.....	103785	W.M.C.B...	Invictus of Annapolis Royal, N.S.	112001
W.D.P.G...	Bravo of Lunenburg, N.S.....	103497	W.M.C.L...	W. H. Baxter of Windsor, N.S.....	117162
W.D.P.L...	Olinda of Liverpool, N.S.....	107275	W.M.C.P...	Edna V. Pickels of Annapolis Royal, N.S.....	112003
W.D.V.G...	Chasina of Vancouver, B.C.....	85075	W.N.J.D...	Amherst of Charlottetown, P.E.I.	78142
W.H.C.G...	Evadne of Pictou, N.S.....	100705	W.N.Q.R...	Virginie of Quebec, Que.....	51537
W.H.D.F...	M. J. Taylor of Quebec, Que.....	111676	W.Q.R.V...	City of Ghent of Halifax, N.S.....	63145
W.H.D.R...	E. A. Sabean of Port Medway, N.S	90839			

SESSIONAL PAPER No. 22

LIST of vessels whose names have been changed by the Minister of Marine and Fisheries under Section 27 of Chapter 113 of the Revised Statutes of Canada, 1906, during the year ended December 31, 1918.

LISTE des navires dont les noms ont été changés par le ministre de la Marine et des Pêcheries, d'après les dispositions de l'article 27, chapitre 113 des Statuts Revisés du Canada, 1906, durant l'année terminée le 31 décembre 1918.

Official Number. — Numero officiel.	Present Name of Vessel. — Nom actuel du navire.	Port of Registry. — Port d'enrigistrement.	Former Name of Vessel. — Ancien nom du navire.
75266	Antoine Auger	Quebec	Cherokee.
141013	Anutz	Vancouver	Alta.
138727	Atli	New Westminster	Troy.
140937	Clinton	Victoria, B.C	Daring.
116815	Eric W	Montreal	Harry E. Packer.
.....	Fannie F	.....	Fox.
134122	G. S. McD. Co., No. 2	Victoria, B.C	E. E. H. II.
134123	G. S. McD. Co., No. 3	Victoria, B.C	E. E. H. III.
138674	G.T.P. No. 1	Vancouver, B.C	C. C. Co. No. 7.
138675	G.T.P. No. 2	Vancouver, B.C	C. C. Co. No. 9.
82960	Garthclyde	Montreal	Clyde.
138214	Glenisla	Midland	Western Star.
138213	Glenorchy	Midland	A. E. Stewart.
138697	Hermosa	Vancouver	Elizabeth.
138212	Home Smith	Midland	William S. Mack.
134082	Ida Jane	Vancouver	Emanuel Pyecroft.
138784	Island Princess	Victoria	Daily.
138780	Jessie Island	Victoria	Planet.
126736	Kitlup	Vancouver	Rosina K.
137960	Laketon	Toronto	Saxona.
.....	Lemon	St. Andrews, N.B	Escort.
.....	Madeline D	Halifax, N.S	Minta.
130778	Mack Jean	Sault Ste. Marie	C. W. Endress.
130875	Maid of Ecoole	Vancouver	Fraser Ferry No. 1.
121212	Melville Dollar	Vancouver	Hazel Dollar.
138505	Muriel W	Montreal	Veronica.
116542	Nakusp	Vancouver	Dorothy Symons.
130866	P. W	New Westminster	Birdswell.
112004	Pineland	Annapolis Royal	Georgeina Roop.
141198	Prosperative	Vancouver	Royal.
112080	Purity	Kenora, Ont	Five Roses.
122456	Robert Austin	Yarmouth	Meteghan I.
126781	Sanita	New Westminster	Faloma.
141015	Swift Bill	Vancouver	Minnie.
.....	Tramp	Prince Rupert	Fearless.
138504	Woodlands	Montreal	Middlesex.

LIST of ships registered in Canada fitted with radiotelegraph apparatus showing the call signals allotted to each.

Name of Vessel.	Signal.	Name of Vessel.	Signal.
Aberdeen	V D G	Lord Strathcona	V F X
Acadia	V D T	Lorne	C J C
Alberta	V F Q		
Angouleme	C H T	Macassa	V E K
Aquilo	V F U	Malaspina	V D U
Aranmore	V D Q	Manitoba	V G H
Assiniboia	V G I	Margaret	V D W
Athabasca	V G G	Martian	C K H
		Messines	C K V
Bayfield	C F A	Midland King	C K I
Bessie Dollar	V F O	Midland Prince	C K J
		Mina Brea	V A P
Canada	V D C	Montcalm	V D J
Camosun	V F Z	Montreal	V C W
Canora	C K D	Musquash	C J Z
Cartier	C F B		
Cayuga	V E L	Newington	V D P
Charlton	V E X	Newona	L S D
Chicora	V E J	Naronic	V G W
Chelohsin	V G N		
Canadian Pioneer	C K T	Ontario No. 1	V G U
Canadian Voyageur	C K S	Ontario No. 2	V E R
Chippewa	V E H		
Collingwood	C K P	Prince Albert	V F L
Corona	V E B	Prince Arthur	V G J
		Prince Edward Island	V B Y
Dalhousie City	V E A	Prince George	V G K
Dollard	V D O	Prince John	V F M
Druid	V D H	Princess Adelaide	V F A
		Princess Alice	V F D
E. B. Osler	C K E	Princess Beatrice	V F C
Emperor	C K F	Princess Charlotte	V F E
Estevan	V D N	Princess Ena	V F J
Empire	V F P	Princess Maquinna	V G T
Empress of Japan	M P J	Princess Mary	V F B
Empress of Russia	M R D	Princess May	V F H
Empress of Asia	G K R	Princess Patricia	V G Z
		Princess Royal	V F G
Festubert	C K R		
		Rapids King	V E G
G. R. Crowe	V E T	Reginolite	C H W
G. R. Gray	C J T	Riverton	V B I
Garden City	V E I	Royalite	V B Q
Glenfinnan	V B L		
Glenisla	C K B	Saguenay	V B P
Glenmavis	B G D	Salvor	V F V
Glenlyon	V B J	Sarnolite	V B R
Glenshee	V E W	Schoolcraft	V A U
Gopher	C J U	Sheba	V D Z
Grilse	V A Y	Stadacona	V B U
Gulnare	V B Z	Stanley	V E D
Guiana	M B H	St. Eloi	C K Y
		St. Julian	C K Z
Hamonic	V G D		
Harold Dollar	V C Y	Talaralite	C J K
Harrison	V F Y	Tees	V F K
Hochelaga	V B V	Thomas J. Drummond	C H Y
Hochelaga	C H R	Toronto	V E D
Huronic	V G E	Turbinia	V E N
		Turret Cape	C E V
J. A. McKee	C H X	Turret Court	C H Z
J. H. G. Haggarty	C K G	Turret Crown	Z D H
Keewatin	V G C	Vimy	C K X
Kerry Range	C J O	Venture	V G X
Kingston	V E C		
Korona	C H O	Watuka	C K U
		W. D. Matthews	C K K
Lady Evelyn	V D X	W. Grant Morden	C K L
Lady Grey	V D L	Wetherfield	C H P
Lady Laurier	V D F	War Hydra	X X U
Laketon	C H O		
Laurentian	C F C	Yarmouth	V G Y
Lingan	C H Q	Yates	V B T
		Ypres	C K W

SUPPLEMENT

TO THE

FIFTY-FIRST ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES FOR THE FISCAL YEAR 1917-18. (MARINE.)

STEAMBOAT INSPECTION REPORT

PRINTED BY ORDER OF PARLIAMENT

SUPPLÉMENT

AU CINQUANTE-ET-UNIÈME RAPPORT ANNUEL DU MINISTÈRE DE LA MARINE ET DES PÊCHERIES POUR L'EXERCICE 1917-18. (MARINE.)

RAPPORT

SUR

L'INSPECTION DES BATEAUX À VAPEUR

IMPRIMÉ PAR ORDRE DU PARLEMENT

OTTAWA
J. DE LABROQUERIE TACHÉ
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1918

[No. 23—1918.]—

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OTTAWA, March, 1919.

Hon. C. C. BALLANTYNE,

Minister of Marine and Fisheries.

SIR,—I have the honour to submit the Supplement to the Fifty-first Annual Report of the Department of Marine and Fisheries (Marine Branch) for the fiscal year 1917-18, being the Report of the Chairman of the Board of Steamboat Inspectors.

I have the honour to be, sir,

Your obedient servant,

A. JOHNSTON,

Deputy Minister of Marine and Fisheries.

OTTAWA, mars 1919.

Hon. C. C. BALLANTYNE,

Ministre de la Marine et des Pêcheries.

MONSIEUR,—J'ai l'honneur de vous soumettre le rapport du président du Bureau d'inspection des bateaux à vapeur, publié en supplément au cinquante-et-unième rapport annuel du ministère de la Marine et des Pêcheries (Direction de la Marine marchande) pour l'exercice financier 1917-18.

J'ai l'honneur d'être, monsieur,

Votre obéissant serviteur,

A. JOHNSTON,

Sous-ministre de la Marine et des Pêcheries.

BOARD OF STEAMBOAT INSPECTION.

Ottawa, March 22, 1919.

To the Deputy Minister of
Marine and Fisheries,
Ottawa, Ont.

Sir,—I have the honour to submit as follows, the annual report of the Steamboat Inspection Service, for the fiscal year ended March 31, 1918.

STAFF.

Mr. George P. Phillips, Steamboat Inspector at Kenora, since May 16th, 1896, died on June 15th, 1917. Arrangements were made to have the inspection work formerly conducted by Mr. Phillips attended to be the Steamboat Inspectors at Edmonton and Port Arthur, the Kenora office being discontinued.

With this end in view Mr. W. J. Vigars, Inspector of Boilers and Machinery at Port Arthur, was examined as to his qualifications to fill the position of Inspector of Hulls and Equipment in order that he might act in the dual capacity as had Mr. Phillips. Having been found satisfactory Mr. Vigars was appointed Inspector of Hulls and Equipment by Order in Council of the 16th May, 1917.

Mr. J. B. A. Martin, Tackle Inspector at Montreal, resigned on the 30th April, 1917.

Due to the death of Mr. F. F. Pickard, lost in the SS. "PERSIA," there was a vacancy in the British Columbia district. The Inspectors in British Columbia having, after the death of Mr. Pickard, been authorized to act in the dual capacity both as Inspectors of Boilers and Machinery and Hulls and Equipment, it was considered advisable in filling the vacancy to make the headquarters of the new appointee at Prince Rupert. Consequently, Mr. A. Farrow, who had passed a satisfactory examination, was appointed Inspector of Boilers and Machinery and Hulls and Equipment, with headquarters at Prince Rupert. Mr. Farrow took up his duties on the 30th May, 1917.

BOARD MEETINGS.

A number of Board meetings were held during the year, these being for the purpose of dealing with questions arising out of the administration of the regulations governing steamboat inspection, and for the approval of certain life saving equipment.

CASUALTIES.

The following are the casualties reported from the several divisions during the year ending March 31, 1918.

Nova Scotia Division.

On December 16, 1916, the ss. *Hippolyta* broke adrift during a gale, and, running on the rocks at Barrington Passage, N.S., became a total loss.

On March 2, 1917, the ss. *Florizel* (registered in Liverpool, G.B.), sailing from St. John's to Halifax was wrecked at Chance cove, Newfoundland, 102 lives being lost.

On February 23, 1917, the ss. *Acadien* (ex *Seulas*) was lost off the Newfoundland coast. The captain and eight of the crew were lost.

On April 22, 1917, the ss. *Durley Chine* was in a collision off Sandy Hook, U.S.A., and became a total loss.

On May 16, 1917, the ss. *William Edwards* foundered off cape Pine, Newfoundland. Total loss.

On June 2, 1917, the ss. *Premier* ran ashore at Sambro, N.S., and was a total loss. Crew saved.

On June 10, 1917, the ss. *Njord* was burnt off St. Pierre. Total loss.

On June 10, 1917, the ss. *Scottish Hero* which left Sydney for Havre with a cargo of rails on May 31, 1917, was sunk by enemy shell fire. Crew saved.

On June 14, 1917, the ss. *Atlantic* struck off cape Forchu, C.B. Total loss. No lives lost.

On June 15, 1917, the ss. *Deliverance* collided with a Norwegian steamer off Halifax harbour and sank. No lives lost.

On July 25, 1917, the ss. *Heathcote* collided with a Dutch steamer in the gulf of St. Lawrence. Total loss, but no lives lost.

On Sept. 28, 1917, the ss. *William H. Murray* was sunk after colliding with the *Bramble Leaf* off Chebucto head, Halifax. Total loss. Pilot drowned.

On October 6, 1917, the ss. *Noreg I* (new) was lost off St. Shortts, Newfoundland. No lives lost.

On November 11, 1917, the ss. *C. E. Tanner* ran ashore at Coffin's island, Total loss. No lives lost.

Steamers damaged by Explosion December 6, 1917.

F. W. Roebling. Badly damaged. Being repaired at Dartmouth, N.S. Engineer killed.

Douglas H. Thomas. Badly damaged. Being repaired at Liverpool, N.S. Three of crew killed.

Hilford. Badly damaged. Captain and one of crew killed.

Ragus. Badly damaged. Being repaired at Dartmouth. Four of crew and two workmen killed.

Stella Maris. Badly damaged. Captain and Engineer killed.

Nevada. Damaged, grounding off Canso. Refloated and repaired at Dartmouth, N.S.

New Brunswick Division.

On July 18, 1917, the ss. *Grand Manan*, on a passage to St. Stephen, had the tail end fractured. A new shaft was fitted at St. John, N.B.

On September 20, 1917, the ss. *Loretta* caught fire at Market Slip and was totally destroyed. No loss of life.

The ss. *Connors Bros.*, while on a passage to Black's Harbour through ice fields, fractured propeller and tiller. Repaired at St. John, N.B.

The ss. *May Queen*, while lying at winter quarters at Milford caught fire, burnt to the water's edge and sank, a total loss. No lives lost.

The ss. *Mackelvie*, while at winter quarters was totally destroyed by fire near Campbellton, N.B. No loss of life.

Quebec Division.

Nil.

Sorel Division.

On September 26, 1917, tug *Emma L.* overturned by steamer being towed and sank. Taken to Sorel for repairs. Three lives lost.

On May 10, 1917, ss. *Lloyd S. Porter* took fire in Fair Haven harbour and was totally destroyed. No lives lost.

On June 5, 1917, ss. *Maisonneuve II* coming from Montreal collided with a transatlantic steamer and sank. Repaired at Sorel. No loss of life.

Montreal Division.

On April 20, 1917, the ferry *St. Louis* sank at her moorings. Supposed to have been caused by ice. Broken up at Montreal Harbour Commissioner Ship Yard.

During October, 1917, the ss. *St. Laurent*, of Montreal took fire in the canal basin at Cornwall and was totally destroyed. No lives lost.

Kingston Division.

Nil.

Toronto Division.

On May 1, 1917, the ss. *Case* was destroyed by fire on lake Erie near East Sister island.

On May 11, 1917, the ss. *Conger Coal* was destroyed by fire in North Haven harbour, N.Y.

On June 19, 1917, the ss. *Natironco* collided with the U.S. ss. *Eastern States* and sank in the Detroit river. Raised and now at Toledo, Ohio.

On August 26, 1917, the tug *James Reid* foundered near Byng inlet, Georgian bay.

On October 4, 1917, the tug *Geo. H. Jones* burned and sank in 30 fathoms of water at Parry Sound.

On October 8, 1917, the ss. *Geo. A. Graham* was driven ashore at South bay, Manitoulin island, a partial loss. Steamer being recovered.

On March 12, 1918, the ferry *Kathleen* and *Island Queen* were partially destroyed by fire at their moorings, Toronto island.

Collingwood Division.

On July 30, 1917, the ss. *Westmount* stranded on Caribou island. No loss of life.

Port Arthur Division.

On November 22, 1917, the tug *Alberta* sank in Thunder bay. Crew picked up by *Christena Mac.* Tug a total loss.

On December 10, 1917, the tug *W. J. Emerson* was partially burned. Cause of fire unknown.

Kenora Division.

Nil.

Edmonton Division.

Nil.

VANCOUVER DIVISION.

On August 24, 1917, ss. *British Columbia* listed and sank at the dock. No lives lost. Vessel raised and refitted.

On August 26, 1917, the ss. *Cassiar* struck a rock at Trivett island and sank. Passengers and crew safely landed. Vessel raised and repaired at Vancouver.

On September 26, 1917, the tug *Aliford* caught fire and burned in Agamemnon channel, Jervis inlet. A total loss. No loss of life.

On October 27, 1917, the tug *Commodore* and barge *St. David* encountered heavy weather from Alaska to Anyox, B.C. The *St. David* was cast adrift and the *Commodore* towed into port partially damaged. No lives lost.

VICTORIA DIVISION.

On June 17, 1917, the ss. *Princess Maquinna* struck a rock near Kyuquot, damaging the hull. Repaired at Victoria.

On June 7, 1917, the ss. *Eva Marie* stranded off Helmcken island, Vancouver island, and became a total loss. Boiler removed.

On July 28, 1917, the ss. *Trader*, to Union Bay from Vancouver, broke propeller shaft. Repaired at Victoria.

On October 20, 1917, the ss. *Gray* struck Fitzroy reef, Calvert island, but floated off. Repairs were made at Esquimalt.

I have the honour to be, sir,

Your obedient servant,

FRANK McDONNELL,
Chairman.

SESSIONAL PAPER No. 23

STEAMBOAT INSPECTION Staff for the Dominion of Canada during the fiscal Year ended March 31, 1918.

INSPECTORS OF BOILERS AND MACHINERY.

Name of Inspector.	Headquarters.	Division.
N. A. Currie	Halifax, N.S.	Nova Scotia.
D. J. Murray	"	"
C. E. Dalton	St. John, N.B.	New Brunswick and P.E.I.
J. A. Samson	Quebec, P. Q.	Quebec.
F. X. Hamelin	Sorel, P.Q.	Sorel.
J. E. Lunan	Montreal, P.Q.	Montreal.
J. T. Gardham	"	"
T. P. Thompson	Kingston, Ont.	Eastern Ontario.
J. Dodds	Toronto, Ont.	Western Ontario, Toronto.
J. B. Stewart	"	" "
G. M. Arnold	"	" "

INSPECTORS OF HULL AND EQUIPMENT.

A. McDougall	Halifax, N.S.	Nova Scotia.
I. J. Olive	St. John, N.B.	New Brunswick and P.E.I.
Capt. W. R. Bennett	"	" "
P. Duclos	Quebec, P.Q.	Quebec.
T. McConkey	"	"
M. R. Davis	Kingston, Ont.	Eastern Ontario.
W. Evans	Toronto, Ont.	Western Ontario, Toronto.
S. D. Andrews	Collingwood, Ont.	" "

INSPECTORS ACTING IN DUAL CAPACITY.

W. J. Vigars	Port Arthur, Ont.	Western Ontario, Port Arthur.
(1) G. P. Phillips	Kenora, Ont.	Western Ontario and Manitoba.
J. T. Mathews	Edmonton, Alta	Saskatchewan, Alberta and N.W.T.
A. E. Hopper	Vancouver, B.C.	British Columbia.
H. G. Robinson	"	"
W. J. Cullum	Victoria, B.C.	"
B. Mantrop	"	"
A. Farrow	Prince Rupert, B.C.	Prince Rupert and Yukon.

INSPECTORS OF SHIPS TACKLE.

D. J. Murray	Halifax, N.S.
J. M. Martin	St. John, N.B.
(2) E. D. Ring	"
A. Duval	Montreal, P.Q.

(1) Since deceased.
(2) Temporary appointment *vice* J. M. Martin, on active service.

TABLE showing the number of Inspections made, Fees collected, etc., during the Year ending March 31, 1918.

DIVISION.	Number of Inspections made, with Gross Tonnage of Vessels Inspected				Number of Vessels not Inspected with Gross Tonnage.		Total number of Vessels subject to Inspection when in Commission, with Gross Tonnage.		Number of vessels added to the Dominion with Gross Tonnage.		Number of Vessels Lost, Broken Up or Destroyed, with Gross Tonnage.		Fees collected by Inspectors.	
	Vessels registered or owned in the Dominion.		Vessels registered or owned elsewhere.											
	No.	Gross Tonnage.	No.	Gross Tonnage.	No.	Gross Tonnage.	No.	Gross Tonnage.	No.	Gross Tonnage.	No.	Gross Tonnage.	On account of Inspections.	On account of Examinations of Engineers.
													$ cts.	$ cts.
Halifax	154	54,507	10	17,090	18	4,270	199	80,137	7	2,930	33	23,834	763 20	195 00
St. John	113	22,232	13	27,863	70	20,595	201	70,691	1	195	3	550	391 20	72 00
Quebec	115	26,647	1	348	25	9,702	141	36,697	6	4,246	1	39		53 00
Sorel	112	48,863			15	4,388	127	51,251	4	671	4	231		75 00
Montreal	178	39,732	1	1,757	77	9,386	256	50,875	6	3,464	8	1,915	69 75	200 00
Kingston	106	39,473	13	11,454	40	3,366	159	54,293	2	2,178	1	33		60 00
Toronto	337	244,553	40	35,778	164	20,950	561	301,296	20	16,757	6	3,799	138 40	128 00
Collingwood	78	124,345	1	1,772	9	1,679	88	127,796	3	3,089	3	1,037		
Port Arthur	97	27,312	4	5,116	81	7,666	176	37,186	6	5,169	3	706	45 68	15 00
Kenora														
Edmonton	24	3,619			16	1,249	40	4,867	1	15	1	132		9 00
Vancouver	215	86,538	9	37,079	30	5,557	241	91,205	8	51,713	4	305		211 00
Victoria	115	57,835	20	31,689	24	3,688	159	93,211	6	5,919	3	160	212 00	187 00
Prince Rupert	36	10,392	8	9,149			36	19,041	3	1,128				20 00
Totals	1,680	787,048	120	179,195	569	92,496	2,384	1,018,546	73	47,474	70	32,741	1,620 23	1,225 00

SESSIONAL PAPER No. 23

LIST of abbreviations and French equivalents of technical terms used throughout this report.

LISTE des abréviations anglaises des termes techniques contenus dans ce rapport et vocables français correspondants.

Abbreviations. — Abréviations.	English Equivalent. — Signification en anglais.	French Equivalent. — Vocables français correspondants.
Allr. tug	Alligator tug	Remorqueur alligator.
By. Ser	Buoy service	Service des bouées.
Coastg	Coasting	Cabotage.
C'stwise	Coastwise	Naviguant le long de la côte.
Car Fy	Car Ferry	Bac pour trains de chemin de fer.
Comp	Composite	Bâtiment mixte.
Crsr	Cruiser	Croiseur.
Clmshl. Dr	Clamshell dredge	Drague à mâchoire «Clamshell».
Dpr. Dr	Dipper dredge	Drague à cuiller.
Dr	Dredge	Drague.
Drck	Derrick	Mât de charge.
Drck. Scow	Derrick scow	Chaland à mât de charge.
Drl. Boat	Drill boat	Bateau foret.
Dr. Tndr.	Dredge tender	Bateau d'annexe de drague.
Elevr. Dr	Elevator dredge	Drague à élévateur.
Fltg. Drck	Floating derrick	Mât de charge flottant.
Fishg. Boat	Fishing boat	Bateau de pêche.
" tndr	Fishing tender	Bateau d'annexe de navire de pêche.
" tug	Fishing tug	Remorqueur de pêche.
Frt	Freight	Fret.
Fy	Ferry	Bac ou ferry boat.
Fshy. Pat	Fishery patrol	Bateau surveillant les pêcheries.
" Crsr	Fishery cruiser	Croiseur du service des pêcheries.
Govt. Ser	Government service	Service du gouvernement.
Grn. Elevr	Grain Elevator	Elévateur pour céréales.
Hrbr	Harbour	Havre.
Hppr. Bge	Hopper barge	Barge porteuse.
—	Iron	Fer.
Lghtr	Lighter	Allège.
Lmbr. Bge	Lumber barge	Barge portant du bois de construction.
Lt. ship	Lightship	Bateau-feu.
Lt'house Ser	Lighthouse service	Service des phares.
Pdl	Paddle	Aubes.
Pass	Passenger	Passagers.
Rck. Brkr	Rock breaker	Déroeheuse à pilon..
Rck. cttr	Rock cutter	Déroeheuse à outil tranchant.
Sand Sckr	Sand sucker	Drague à succion, pour sable.
Scn. Dr	Suction dredge	Drague à succion.
Spn. Dr	Spoon dredge	Drague à cuiller.
Scr	Screw	Héliee.
Slvge Str	Salvage steamer	Vapeur de sauvetage.
Stl	Steel	Acier.
Strn Whl	Stern wheel	Roue arrière.
Tndr	Tender	Bateau d'annexe.
—	Tug	Remorqueur.
Tw. Scr	Twin screw	Hélices jumelles.
Tr. Scr	Triple screw	Triples hélices.
Whlr	Whaler	Baleinier.
Wrckr	Wrecker	Sauvetage des épaves, etc.
—	Wood	Bois.
Yeht	Yacht	Yacht.

In column No. 4 of table I, in the case of passenger ships, where the following abbreviations are preceded by a number, this indicates the number of passengers allowed according to conditions under which a voyage is being made:—

Dans le cas des navires transportant des passagers et figurant dans la 4e colonne du tableau I, lorsque l'une quelconque des abréviations suivantes est précédée d'un nombre, celui-ci indique le nombre de passagers que le navire est autorisé à porter, en considérant la nature du voyage qu'il entreprend:—

Abbreviations. — Abréviations.	English Equivalent. — Signification en anglais.	French Equivalent. — Vocables français correspondants.
C	Coasting	Cabotage.
Ex	Excursion	Excursion.
L	Lake	Lacs.
R	River	Fleuves ou rivières.
S	Summer	Eté.
W	Winter	Hiver.

GEOGRAPHIC TERMS. *English—Anglais.*	TERMES GÉOGRAPHIQUES. *French—Français.*
Ocean	Océan.
Lake	Lac.
River	Rivière ou fleuve.
Channel	Chenal.
Port	Port.
Harbour	Havre.
Gulf	Golfe.
Bay	Baie.
Strait	Détroit.
Narrows	Passe ou goulet.
Canal	Canal.
Island	Ile.
Point	Pointe.
Cape	Cap.

BUREAUX D'INSPECTION DES BATEAUX À VAPEUR.

OTTAWA, le 22 mars 1919.

Au sous-ministre de la Marine et des Pêcheries,
Ottawa, Ont.

MONSIEUR,—Ci-après j'ai l'honneur de vous soumettre le rapport annuel sur le service qui s'occupe de l'inspection des bateaux à vapeur, rapport qui a été dressé pour l'année fiscale qui s'est terminée le 31 mars 1918.

PERSONNEL.

M. George P. Phillips, inspecteur des bateaux à vapeur à Kenora, depuis le 16 mai 1896, étant décédé le 15 juin 1917, on a pris les dispositions nécessaires pour que les inspections qui dans le passé étaient faites par M. Phillips, le soient à l'avenir par les inspecteurs des bateaux à vapeur à Edmonton et Port-Arthur, le bureau de Kenora étant supprimé.

Dans ce but M. W. J. Vigars, inspecteur des chaudières et machines à Port-Arthur, a subi un examen afin de montrer qu'il possède les connaissances voulues pour inspecter les coques et équipements des navires, et être à même d'agir comme inspecteur à un double titre, ainsi qu'il en était dans le cas de M. Phillips. M. Vigars ayant subi son examen avec succès a donc été nommé inspecteur des coques et équipements, par arrêté ministériel en date du 16 mai 1917.

M. J. B. A. Martin, inspecteur des palans à Montréal, a démissionné le 30 avril 1917.

Vu la mort de M. F. F. Pickard, perdu à bord du vapeur *Persia*, il existait une vacance dans le district de la Colombie-Britannique. Or, comme après le décès de M. Pickard, les inspecteurs de la Colombie-Britannique avaient été autorisés à agir à double titre comme inspecteurs des chaudières et des machines et aussi des coques et des équipements, on a jugé à propos, en comblant la vacance susdite, de situer à Prince-Rupert le bureau principal du nouveau titulaire. En conséquence M. A. Farrow, qui a subi un examen satisfaisant, a été nommé inspecteur des chaudières et machines, coques et équipements, avec bureau à Prince-Rupert, M. Farrow a commencé son service le 30 mai 1917.

ASSEMBLÉES DU BUREAU D'INSPECTION.

Les membres du bureau d'inspection ont tenu un certain nombre d'assemblées au cours de l'année, afin de considérer diverses questions résultant de l'application des règlements concernant l'inspection des bateaux à vapeur, et aussi l'acceptation de certains dispositifs d'équipement de sauvetage des vies humaines.

ACCIDENTS.

Ci-après, nous signalons les accidents survenus et dont a fait rapport le personnel des multiples divisions que comporte notre service, au cours de l'année terminée le 31 mars 1918.

DIVISION DE LA NOUVELLE-ECOSSE.

Le 16 décembre 1916 le vapeur *Hippolyta* brisa ses amarres sous l'action d'un coup de vent; ayant dérivé il fut jeté sur les rochers du passage Barrington, N.-E., d'où perte totale de ce bâtiment.

Le 2 mars 1917 le vapeur *Florizel* (enregistré à Liverpool G.B.) qui était parti de St-Jean, T.-N., à destination d'Halifax, fit naufrage à l'anse Chance, Terre-Neuve; les pertes de vies furent de 102 personnes.

Le 23 février 1917 le vapeur *Acadien* (ex *Seulac*) se perdit en face de la côte de Terre-Neuve. Le capitaine et huit hommes de l'équipage perdirent la vie dans ce naufrage.

Le 22 avril 1917 le vapeur *Durley Chine* étant entré en collision au large de Sandy Hook fut complètement perdu.

Le 16 mai 1917 le vapeur *William Edwards* coula à pic au large du cap Pine, Terre-Neuve. Perte totale.

Le 2 juin 1917, le vapeur *Premier* s'échoua à Sambro, N.-E., Perte totale de ce bâtiment, dont l'équipage fut sauvé.

Le 10 juin 1917, le vapeur *Ujard* fut détruit totalement par le feu au large de St-Pierre.

Le 10 juin 1917, le vapeur *Scottish Hero* qui était parti de Sydney à destination du Havre, à la date du 31 mai 1917, emportant une cargaison de rails, fut coulé par le canon de l'ennemi. L'équipage fut sauvé.

Le 14 juin 1917 le vapeur *Atlantic* toucha le fond en face du cap Fourchu, C.-B. Perte totale du bâtiment. Pas de perte de vie.

Le 15 juin 1917, le vapeur *Delivrance* entra en collision avec un vapeur norvégien, au large du havre d'Halifax et sombra. Pas de perte de vie.

Le 25 juillet 1917, le vapeur *Heathcote* entra en collision avec un vapeur hollandais, dans le golfe du St-Laurent. Perte totale du navire, pas de perte de vie.

Le 28 septembre 1917, le vapeur *William H. Murray* sombra après être entré en collision avec le *Bramble Leaf* au large de la pointe Chebucto, Halifax. Perte totale du navire. Le pilote se noya.

Le 6 octobre 1917, le vapeur *Noreg 1* (neuf) se perdit au large de St. Shortts, Terre-Neuve. Pas de perte de vie.

Le 11 novembre 1917, le vapeur *C. E. Tanner* s'échoua sur l'île Coffin's. Perte totale du navire. Pas de perte de vie.

Vapeurs avariés par une explosion le 6 décembre 1917.

F. W. Roebling. Très avarié. En réparation à Dartmouth, N.-E., Le mécanicien a été tué.

Douglas H. Thomas. Très avarié. En réparation à Liverpool, N.-E. Trois hommes de l'équipage furent tués.

Hilford. Très avarié. Le capitaine et un homme de l'équpiage furent tués.

Ragus. Très avarié. En réparation à Dartmouth, N.-E. Quatre des hommes de l'équipage et deux manœuvres furent tués.

Stella Maris. Très avarié. Le capitaine et le mécanicien furent tués.

Nevada. Avarié, échoué près de Canso. Renfloué et réparé à Dartmouth. N.-E.

Division du Nouveau-Brunswick.

Le 18 juillet 1917, le vapeur *Grand Manan* qui se rendait à St. Stephen, brisa l'extrémité de son arbre de couche. On renouvela son arbre de couche à St-Jean, N.-B.

Le 20 septembre 1917, le vapeur *Loretta* prit feu à la cale du marché. Perte totale du navire, pas de perte de vie.

Pendant que traversant des champs de glace le vapeur *Connors Bros* se rendait à Black's Harbor, il brisa son hélice et sa barre de gouvernail. Réparé à St-Jean, N.-B.

Le vapeur *May Queen* prit feu pendant qu'il se trouvait à son poste d'hivernage à Milford. Le navire brûla jusqu'à sa ligne de flotaison et coula. Perte totale du bâtiment. Pas de perte de vie.

Le vapeur *Mackelvie* fut totalement détruit par le feu, près de Campbellton, N.-B., pendant qu'il se trouvait à son poste d'hivernage. Pas de perte de vie.

Division de Québec.

Néant.

Division de Sorel.

Le 26 septembre 1917, le remorqueur *Emma L* fut chaviré par le vapeur qu'il remorquait et coula. Renfloué il fut conduit à Sorel pour y être réparé. Trois pertes de vie.

Le 10 mai 1917, le vapeur *Lloyd S. Porter prit feu dans le havre Fair Haven* et fut complètement détruit. Pas de perte de vie.

Le 5 juin 1917, le vapeur *Maisonneuve II*, en prevenance de Montréal, entra en collision avec un vapeur transatlantique et coula. Renfloué il fut réparé à Sorel. Pas de perte de vie.

Division de Montréal.

Le 20 avril 1917, le bac *St. Louis*, coula à son poste d'amarrage. Cet accident fut, on le suppose, causé par l'action des glaces. Ce bac fut démoli au chantier maritime des commissaires du havre de Montréal.

Durant le mois d'octobre 1917, le vapeur *St. Laurent* de Montréal, prit feu dans le bassin du canal, à Cornwall, et fut complètement détruit. Pas de perte de vie.

Division de Kingston.

Néant.

Division de Toronto.

Le 1er mai 1917, le vapeur *Case*, fut détruit par le feu sur le lac Erié près de l'île East Sister.

Le 11 mai 1917, le vapeur *Conger Coal*, fut détruit par le feu à North Haven, N.-Y.

Le 19 juin 1917, le vapeur *Natironco* entra en collision avec le vapeur des E.-U. *Eastern States* et coula dans la rivière Détroit. Renfloué il se trouve actuellement à Toledo, Ohio.

Le 26 août 1917, le remorqueur *James Reid* sombra près de Byng Inlet, baie Georgienne.

Le 4 octobre 1917, le remorqueur *Geo. H. Jones* prit feu et coula à Parry Sound, par un fond de 30 brasses.

Le 9 octobre 1917, le vapeur *Geo. A. Graham* fut jetée à la côte à South Bay, île Manitoulain; perte partielle de ce navire, qui put être sauvé.

Le 12 mars 1918, le bac *Katleen* et le *Island Queen*, furent partiellement détruits par le feu à l'île Toronto, pendant qu'ils étaient à leur poste d'amarrage.

Division de Collingwood.

Le 30 juillet 1917, le vapeur *Westmount* s'échoua sur l'île Caribou. Pas de perte de vie.

Division de Port-Arthur.

Le 22 novembre 1917, le remorqueur *Alberta* coula dans la baie du Tonnerre. Son équipage fur recueilli par le *Christena Mac.* Perte totale du remorqueur.

Le 10 décembre 1917, le remorqueur *W. J. Emerson* fut partiellement détruit par un incendie d'origine inconnue.

Division de Kenora.

Néant.

Division d'Edmonton.

Néant.

Division de Vancouver.

Le 24 août 1917, le vapeur *British Columbia* donna de la bande et coula à quai. Pas de perte de vie. Navire renfloué et remis en état.

Le 26 août 1917, le vapeur *Cassiar,* frappa une roche à l'île Trivett et sombra. Les passagers et l'équipage furent débarqués à terre sans encombre. Le navire fut renfloué et par la suite réparé à Vancouver.

Le 26 septembre 1917, le remorqueur *Aliford* prit feu et brûla dans le chenal Agamemnon, Jarvis Inlet. Perte totale du navire. Pas de perte de vie.

Le 27 octobre 1917, le remorqueur *Commodore* et la barge *St. David* furent surpris par du gros temps entre l'Alaska et Anyox, C.-B. Le *St. David* fut abandonné à la dérive et le *Commodore* remorqué au port partiellement avarié. Pas de perte de vie.

Division de Victoria.

Le 17 juin 1917, le vapeur *Princess Maquina* frappa une roche près Kyuquot et avaria sa coque. Réparé à Victoria.

Le 7 juin 1917, la vapeur *Eva Marie* s'échoua au large de l'île Helmcken, île Vancouver. Perte totale de ce navire dont on put enlever la chaudière.

Le 28 juillet 1917, le vapeur *Trader,* se rendant de Vancouver à la baie Union, brisa son arbre porte hélice. Réparé a Victoria.

Le 20 octobre 1917, le vapeur *Gray* frappa le récif Fitzroy, île Calvert, mais se renfloua. Réparations faites à Esquimalt.

J'ai l'honneur d'être, monsieur,

Votre obéissant serviteur,

FRANK McDONNELL,
Président.

SESSIONAL PAPER No. 23

PERSONNEL employé par le gouvernement de la Puissance du Canada, pour l'inspection des bateaux à vapeur, au cours de l'exercice financier terminé le 31 mars 1918.

INSPECTEURS DES CHAUDIÈRES ET MACHINES.

Noms des inspecteurs.	Bureaux principaux.	Divisions.
N. A. Currie	Halifax, N.-E.	Nouvelle-Ecosse
D. J. Murray	"	"
C. E. Dalton	St-Jean, N.-B.	Nouveau-Brunswick et I.P.-E.
J. A. Samson	Québec, P.Q.	Québec.
F. X. Hamelin	Sorel, P.Q.	Sorel.
J. E. Lunan	Montréal, Qué.	Montréal.
John T. Gardham	"	"
T. P. Thompson	Kingston, Ont.	Est de l'Ontario.
J. Dodds	Toronto, Ont.	Ouest de l'Ontario, Toronto.
J. B. Stewart	"	" "
G. M. Arnold	"	" "

INSPECTEURS DES COQUES ET ÉQUIPEMENTS.

A. McDougall	Halifax, N.-E.	Nouvelle-Ecosse
I. J. Olive	St-Jean, N.-B.	Nouveau Brunswick et I.P.-E.
Capt W. R. Bennett	St-Jean, N.-B	Nouveau-Brunswick et I.P.-E.
P. Duclos	Québec, Qué.	Québec.
M. R. Davis	Kingston, Ont.	Est de l'Ontario.
W. Evans	Toronto, Ont.	Ouest de l'Ontario, Toronto.
S. D. Andrews	Collingwood, Ont.	" Collingwood.

INSPECTEURS AGISSANT À DOUBLE TITRE.

W. J. Vigars	Port-Arthur, Ont.	Ouest de l'Ontario, Port-Arthur et Manitoba.
[1]G. P. Phillips	Kenora, Ont.	" " " "
J. T. Mathews	Edmonton, Alta.	Saskatchewan, Alberta et T. N.-O.
A. E. Hopper	Vancouver, C.-B.	Colombie-Britannique.
H. G. Robinson	" "	" "
W. J. Cullum	Victoria, C.-B.	" "
B. Mantrop	" "	" "
A. Farrow	Prince-Rupert, C.-B.	Prince-Rupert et Yukon.

INSPECTEURS DES PALANS.

D. J. Murray	Halifax, N.-E.	
J. M. Martin	St-Jean, N.-B.	
[2]E. D. Ring	"	
A. Duval	Montréal, P.Q.	

[1]Décédé.
[2]Nommé temporairement en remplacement de J. N. Martin en service actif aux armées.

TABLEAU indiquant le nombre des inspections qui ont été faites, les droits perçus, etc., durant l'année terminée le 31 mars 1918.

DIVISIONS.	Nombre d'inspections faites et tonnage brut des navires inspectés.				Nombre des navires non inspectés, et leur tonnage brut.		Nombre total des navires soumis à l'inspection lorsque en service et leur tonnage brut.		Nombre des navires ajoutés à la flotte de la Puissance, et leur tonnage brut.		Nombre des navires perdus, démolis ou détruits, et leur tonnage brut.		Montants des droits perçus par les inspecteurs.	
	Navires enregistrés ou armés dans la Puissance.		Navires enregistrés											
	Nombre.	Tonnage brut.	Nombre.	Tonnage brut.	Nombre.	Tonnage brut.	Nombre.	Tonnage brut.	Nombre.	Tonnage brut.	Nombre.	Tonnage brut.	Pour inspections.	Pour examens des mécaniciens.
													$ c.	$ c.
Halifax	154	54,507	10	17,090	18	4,270	199	80,137	7	2,930	33	23,834	763 20	195 00
St. John	113	22,232	13	27,863	70	20,595	201	70,691	1	195	3	550	391 20	72 00
Québec	115	26,647	1	348	25	9,702	141	36,697	6	4,246	1	39	.....	53 00
Sorel	112	48,863	.....	.....	15	4,388	127	51,251	4	671	4	231	.....	75 00
Montréal	178	39,732	1	1,757	77	9,386	256	50,875	6	3,464	8	1,915	69 75	200 00
Kingston	106	39,473	13	11,454	40	3,366	159	54,293	2	2,178	1	33	.....	60 00
Toronto	337	244,553	40	35,778	164	20,950	561	301,296	20	16,757	6	3,799	138 40	128 00
Collingwood	78	124,345	1	1,722	9	1,679	88	127,796	3	3,089	3	1,037	.....	.....
Port-Arthur	97	27,312	4	5,216	81	7,666	176	37,186	6	5,169	3	706	45 68	15 00
Kenora	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edmonton	24	3,619	.....	.....	16	1,249	40	4,867	1	15	1	132	.....	9 00
Vancouver	215	86,538	9	37,079	30	5,557	241	91,205	8	51,713	4	305	.....	211 00
Victoria	115	57,835	20	31,689	24	3,688	159	93,211	6	5,919	3	160	242 00	187 00
Prince-Rupert	36	10,392	8	9,149	.....	.....	36	19,041	3	1,128	.....	.....	.....	20 00
Totaux	1,680	787,048	120	179,195	569	92,496	2,384	1,018,546	73	47,474	70	32,741	1,620 23	1,225 00

TABLE I.—Showing steamers inspected throughout Canada during the year ended March 31, 1918.

Names of vessels driven by gasoline are printed in italics. Inspectors' Initials—(1) Boilers and Machinery; (2) Hulls and Equipment. Tonnage—Gross; registered.

TABLEAU I.—Indiquant les vapeurs inspectés au Canada, durant l'année finissant le 31 mars 1918.

Les noms des navires à propulsion par moteurs à gazoline sont imprimés en italiques. Initiales des inspecteurs—(1) Chaudières et machines; (2) Coques et équipement. Tonnage brut; enregistré

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
A. B. Conmee..... Port Arthur, Ont.	.....	Wood..... Rebuilt 1916-17	Tug.....	Port Arthur, Ont.. 28-6-17	W. J. V.....	Not issued..	Screw..... 31	Lake Superior.....	Canadian Towing & Wrecking Co., Port Arthur, Ont.
A. E. Ames..... 114449 Newcastle, G.B.	1,637 1,020	1903 Steel..... Howden-on-Tyne, G.B	Frt.....	Fort William, Ont..... 19-4-17 19-11-17	W. J. V..... W. J. V.....	28-5-17 19-4-18	Screw..... 147	Father Point and Duluth.	Wm. Paterson, Newcastle-on-Tyne.
A. F. Bowman..... 116385 Port Arthur, Ont.	113 77	1906 Wood..... Collingwood, Ont.....	Tug.....	Port Colborne, Ont..... 8-8-18	J.R.S.....	25-8-17 7-8-18	Screw..... 52·8	Lake Ontario Ports.....	Can. Towing & Wrecking Co., Port Arthur, Ont.
A. M. Petrie..... 100393 Hamilton, Ont.	19 13	1892 Wood..... Hamilton, Ont.....	Fishing tug.	Rossport, Ont..... 15-8-17	W.J.V.....	Not issued..	Screw..... 1·12	Jackfish and Nipigon Straits.	A. Sutherland, Rossport, Ont.
A. R. Colborn..... 106071 Port Huron, Mich.	251 154	1882 Wood..... Saugatuck, Mich.....	Pass..... Ferry.....	St. Clair, Mich..... 17-6-17 17-7-17	J. D..... W. E.....	17-7-17 15-6-18	Screw..... 40·7	St. Clair and Courtright	Douglas Transportation Co., St. Clair, Mich.
A. V. Crawford..... 9687 Port Stanley, Ont.	51 35	1891 Wood. ..... Goderich, Ont.	Tug..	Toronto, Ont..... 24-10-17	J. B. S.. ...	25-10-17 24-10-18	Screw..... 20·9	Toronto harbour and vicinity.	Mrs. Ella B. Boone, Toronto Ont.
A. Laflamme..... 133944 Ottawa.	20 12	1914 Wood..... Calumet, P.Q.	Ferry.....	Calumet, P.Q..... 24-8-17 11-7 17	J. T. G..... P. D.....	Not issued..	Screw..... 1	Calumet and L'Orignal.	L. Cote, Calumet, P.Q.
A. McVittie..... Montreal, P.Q.	1,458 945	1890 Wood..... Detroit, Mich.....	Freight.....	Quebec, P.Q..... 26-4-17 24-4-17	J. A. S..... P. D.	26-4-17 26-4-18	Screw..... 109	Lake Erie and Quebec .	W. L. McDougall, Montreal, P.Q.
A. Tremblay..... 138262 Quebec, P.Q.	245 147	1916 Wood..... Matane, P.Q.	Freight.....	Quebec, P.Q..... 11-4-17 13-4-17	J. A. S..... P. D.	14-4-17 14-4-18	Screw & sail.. 24	Montreal and St. Johns, Nfld.	Ulric Tremblay et Frères, Matane, P.Q.
Aberdeen..... 94924 Picton, Ont.	147 87	1894 Wood.....	Freight.....	Sorel, P.Q..... 21-5-17	F.X.H.....	22-5-17 21-5-18	Screw..... 30	Montreal harbour and canal.	Ontario and Quebec Nav. Co., Picton
Aberdeen..... 100659 Kingston, Ont.	13 9	1894 Wood..... Westport, Ont.	Fishing boat.	Deseronto, Ont..... 29-5-17	T. P. T.....	31-5-17 29-5-18	Screw..... 1·2	Bay of Quinte.....	Thos. McWaine, Deseronto.

**Not issued* signifie que le certificat n'a pas été délivré.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and when Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued— Expires. — Certificat: Délivrance—Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Aberdeen 103554 Montreal	86 55	1895 Steel Sorel, P.Q.	Tug	Montreal,, P.Q. 19-4-17	J. T. G.	24-9-17 19-9-18	Screw 42-6	Montreal, harbour	Hbr. Commrs., Montreal Montreal P.Q.
Aberdeen 103227 Ottawa, Ont.	674 266	1894 Steel Paisley, G.B.	Govt. service. 10	St. John, N.B. 12-9-17	W. R. B.	16-10-17 13-2-18	Screw 175	Coasting	Minister of Marine and Fisheries, Ottawa.
Abitibi		1917 Wood Low Bush, Ont.	Tug	Low Bush, Ont. 28-7-17	J. E. S.	Not issued.	Paddle 6-6	Lake Abitibi	Abitibi Power & Paper Co.
Acadien 112239 Halifax, N.S.	707 413	1904 Wood St. John, N.B. 1917, rebuilt Dartmouth, N.S.	Freight	Halifax, N.S. 23-11-17 23-11-17	N. A. C. A. McD.	23-11-17 23-11-18	Screw 66-6	Halifax and Foreign	Chas. and Geo. Brister, Halifax, N.S.
Achates 126078 Vancouver, B.C.	209 142	1908 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 11-3-18	A. E. H.	12-3-18 8-2-19	Screw 42-1	Vancouver and Straits of Georgia.	Achates Tow Boat Co., Ltd. Vancouver.
Ada Alice 75642 Toronto, Ont.	60 41	1879 Wood St. Catharines, Ont.	Tug	Gravenhurst, Ont. 30-5-17	J. T. G.	23-6-17 23-6-18	Screw 3-3	Muskoka lakes	Capt. L. R. Fraser.
Adaline V 134198 Sault Ste. Marie.	45 27	1913 Wood Spanish, Ont.	Tug	Cutler, Ont. 1-9-17	G. M. A.	4-9-17 1-9-18	Screw 14	North channel	J. W. Vance, Spanish, Ont.
Admiral 72247 St. John, N.B.	158 93	1876 Wood 1897 Rebuilt at St. John, N.B.	Tug	St. John, N.B. 29-5-17	C. E. D.	Not issued.	Paddle 43-8	Inside Musquash Head and Cape Spencer.	D. D. Glasier & Son, St. John, N.B.
Admiral Schley 107423 Portland, Me.	2,104 1,336	1898 Steel Philadelphia, Pa.	Freight and pass. 164	Seattle, Wash. 15-11-17 15-11-17	W. J. C. W. J. C.	15-11-17 5-9-18	Twin screw	U.S. Canadian and Foreign Ports.	Pacific Alaska SS. Co., Seattle, U.S.A.
Admiral Watson 81788 Portland, Me.	2,010 1,256	1902 Steel Toledo, Ohio	Freight and pass. 285	Seattle, Wash. 9-11-17 9-11-17	B. M. B. M.	10-11-17 3-2-18	Scr	Seattle, Victoria and San Francisco.	Alaska Pacific SS. Co, Seattle, U.S.A.
Adolphe V. Roy 133823 Montreal, P.Q.	173 83	1913 Wood Sorel, P.Q.	Tug	Sorel, P.Q. 20-4-17	F. X. H.	8-5-17 20-4-18	Tw. screw 56-2	Montreal, Quebec and Richelieu river.	The Sincennes McNaughton Line, Ltd., Montreal.
Advance 88632 Montreal, P.Q.	1,031 358	1884 Wood St. Catharines, Ont.	Freight	Kingston, Ont. 16-4-17 20-4-17	T. P. T. M. R. D.	28-4-17 16-4-18	Screw 709	Ft. William and Father Point.	Montreal, Transportation Co. Ltd., Montreal, P.Q.
Agawa 111807 Sault Ste. Marie, Ont.	3,759 2,467	1902 Steel Collingwood, Ont.	Freight	Midland, Ont. 14-4-17 26-4-17	G.M.A. S. D. A.	5-5-17 26-4-18	Screw 151-5	All lakes and rivers	Algoma Central and Hudson Bay Ry. Co., Sault Ste. Ont.

Agnes 107362 Toronto, Ont..	14 8	1898 Wood Toronto, Ont.	Tug	Mattagami Heights, Ont 26-7-17 24-8-17	J. E. L. M. R. D...	24-8-17 20-7-18	Screw 2	Mattagami river	Alex. L. Casselman, Matagami Heights, Ont.
Agnes W. Dods 134660 Victoria, B.C.	12 8	1914 Wood Victoria, B.C.	Passenger... 20	Sidney, B.C. 15-2-18 15-2-18	W. J. C. W. J. C.	16-2-18 31-3-18	Ser	Sidney and James Isd..	W. A. Dods, Victoria, B.C.
Ahmic 103672 Toronto, Ont..	77 52	1896 Composite. 1903 RebuiltGravenhurst, Ont.	Pass. 40	Gravenhurst, Ont. 24-4-17 24-8-17	J. D. S. D. A.	14-7-17 24-4-18	Screw 10·6	Muskoka lakes	Muskoka Lakes Nav. and Hotel Co., Ltd., Toronto.
Aid 138062 Ottawa, Ont.	45 26	1915 Wood Rockland, Ont.	Tug	Rockland, Ont. 22-8-17	J. T. G.	Not issued	Strn. wheel... 6·6	Ottawa river at Rockland, Ont.	W. C. Edwards & Co. Rockland, Ont.
Ajax 111935 Lindsay, Ont.	33 23	1902 Wood Bobcaygeon, Ont.	Tug	Peterboro, Ont. 14-8-17	T. P. T.	10-8-17 10-7-18	Screw 4	Trent Canal	J. E. A. Fitzgerald, Peterboro, Ont.
Alakasla 138297 Vancouver, B.C.	24 17	1916 Wood Jedediah Id., B.C.	Fishing boat.	Vancouver, B.C. 16-8-17	A. E. H.	27-8-17 15-8-18	Screw 5·2	Inside Pender harbour, Vancouver.	O. Olmstead, Vancouver, B.C.
Alarm 103484 Victoria, B.C.	34 23	1893 Wood Georgetown, B.C.	Tug..	Vancouver, B.C.. 20-1-17	A. E. H	23-4-17 19-4-18	Scr 4·1	Copper Inlet San Juan Bay.	The Davis Logging and Trading Co., Vancouver.
Alaska 122229 Montreal, P.Q.	243 114	1906 Steel Sorel, P.Q.	Patrol boat. 179	Quebec, P.Q. 18-4-17	J. A. S.	30-4-17 18-4-18	Screw 80	Quebec and St. Laurent Orleans Isd.	The Sincennes McNaughton Line, Montreal, P.Q.
Alaskan 130445 Vancouver, B.C.	150 48	1886 Wood Onetta, Ore...	Salvage ship	Esquimalt, B.C. 30-7-17	B. M	31-7-17 29-7-18	Screw 13·6	Coasting, B.C.	A. M. Tyson, Vancouver B.C.
Alberta 85765 Montreal.	2,829 2,377	1883 Steel Whitechurch, G. B. 1911 Rebuilt. Collingwood, Ont.	Frt. and Pass. 40	Collingwood, Ont. 25-4-17 11-5-17	G. M. A. S. D. A.	19-5-17 11-5-18	Screw 166-5	Port McNicoll and Fort William	Can. Pac. Ry. Co., Ltd. Montreal.
Alberta 122177 Port Arthur, Ont..	7 5	1907 Wood Rossport, Ont.	Fishing tug.	Rossport, Ont. 14-8-17	W. J. V.	Not issued.	Screw 1-2	Jackfish and Nipigon straits.	Charles Gerow, Rossport, Ont.
Alcedo 122650 New Westminster	70 47	1905 Wood Ballard, Wash.	Fisheries... Protection Cruiser.	New Westminster, B.C. 13-6-17	A. E. H.	Not issued..	Screw 16·6	Nanaimo and Straits of Georgia.	Minister of Marine & Fisheries, Ottawa.
Alert 86871 Sydney, N.S.	105 63	1880 Wood South Bristol, U.S.A.	Tug	Sydney, N.S. 1-5-17	D. J. M.	16-5-17 1-5-18	Screw 11·2	Coasting	Norman McDonald, Sydney, N.S.
Alert 90699 St. Catharines, Ont.	47 35	1886 Wood Port Robinson, Ont.	Tug	Port Colborne, Ont. 21-8-17	J. B. S.	4-9-17 21-8-18	Screw 20·9	Welland canal and Lake Erie.	Welland Canal Tug Co., Port Colborne.
Alert 92421 Prescott, Ont.	50 35	1886 Wood Morrisburg, Ont.	Tug	Cornwall, Ont. 11-9-17	T. P. T.	17-9-17 17-8-18	Screw 9	St. Lawrence canals	Minister of Railways and Canals, Ottawa.
Alert 116862 Ottawa.	53 26	1904 Steel Timiskaming, Ont.	Tug	Timiskaming, Ont. 24-5-17	J. E. L.	31-5-17 24-5-18	Screw 10-6	Lake Timiskaming	Upper Ottawa Improvement Co., Ottawa.
Alert 94807 Victoria, B.C.	44 26	1889 Wood Victoria, B.C.	Tug	Nanaimo, B.C. 8-3-18	B. M.	9-3-18 8-3-19	Screw 11·2	Nanaimo harbour	Western Transportation Co., Ltd., Nanaimo, B.C.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued—Expires. — Certificat: Délivrance-Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Alctha 107748 Kingston, Ont.	171 90	1901 Wood Kingston, Ont.	Pass. 350	Hamilton, Ont. 13-6-17 Port Dalhousie 23-5-17	J. B. S. W. E.	14-6-17 23-5-18	Screw 25	Hamilton, Grimsby and Oakville.	Ontario and Quebec Nav. Co., Picton.
Alex. Clark 122559 Collingwood, Ont.	99 65	1911 Wood Collingwood, Ont.	Tug.	Toronto, Ont. 30-5-17	J. B. S.	31-5-17 30-5-18	Screw 29	North shore Lake Ontario to Belleville.	Alex. Longwell, Collingwood, Ont.
Alexander Fraser 96898 Ottawa, Ont.	320 174	1891 Composite Pembroke, Ont. 1916, Quyon, Que.	Tug.	Quyon, P.Q. 22-5-17	J. E. L.	31-5-17 22-5-18	Paddle 21·6	Lake Deschenes	Upper Ottawa Improvement Co., Ottawa.
Alexandra 100598 North Sydney, N.S.	34 23 1900	1899 Wood Sorel, P.Q. Sheet Harbour, N.S.	Tug.	Sydney, N.S. 7-8-1	D.J.M.	20-8-17 7-8-18	Screw 12·3	Sydney Harbour	W. K. McDonald, Sydney, N.S.
Alexandra 112153 Chatham, N.B.	201 136	1902 Wood Chatham, N.B.	Pass. 173	Chatham, N.B. 21-7-17	C.E.D. W. R. B.	4-8-17 24-7-18	Screw 38·5	Newcastle and Escuminac.	Miramichi Steam Nav. Co., Miramichi, N.B.
Alfreda Ottawa.		1904 Steel Hull, G.B.	Militia Transport Service.	Halifax, N.S. 19-9-17	D. J. M.	28-9-17 19-9-18	Screw 40	Halifax harbour	Minister of Militia, Ottawa
Alfreda 122578 Yarmouth, N.S.	15 10	1907 Wood Tusket Wedge, N.S.	Tug.	Wedgeport, N.S. 2-8-17	N. A. C.	7-8-17 2-8-18	Screw 6	Coasting	Lewis A. LeBlanc, Wedgeport, N.S.
Algoma 111803 Sault Ste. Marie.	157 107	1901 Steel Toronto, Ont.	Pass. 396	Sault Ste. Marie 15-5-17 26-5-17	G. M. A. S. D. A.	18-5-17 28-5-18	Screw 54	Sault Ste. Marie, Ont. Sault Ste. Marie, Mich.	International Transit Co., Ltd., Sault Ste. Marie, Ont.
Algona 105927 Massena, N.Y.	92 63	1880 Wood Buffalo, N.Y. 1895 rebuilt Buffalo, N.Y.	Pass. 163	Ogdensburg, U.S.A. 26-6-17 Morrisburg, Ont. 27-6-17	T. P. T. M. R. D.	29-6-17 5-6-18	Screw 14·1	Ogdensburg and other ports.	W. W. Cline, Massena, N.Y.
Algonquin 112076 Toronto, Ont.	305 200	1906 Wood Portage Lake of Bays.	Pass. 140	Huntsville, Ont. 4-6-17 29-6-17	J. T. G. S. D. A.	25-7-17 4-6-18	Screw 32·6	Huntsville and vicinity.	Huntsville Lake of Bay and Lake Simcoe Nav. Co. Ltd., Huntsville.
Alice 111862 Ottawa.	48 34	1901 Wood Kipawa, Ont.	Pass. 28	Hunter's Point, Ont. 21-7-17 North River 12-9-17	J. E. L. M. R. D.	20-9-17 23-7-18	Screw 10·7	Lake Kipawa	J. R. Booth, Ottawa.
Alice 122260 Quebec.	402 239	1907 Steel Toronto, Ont.	Freight Pass.	Levis, P. Q. 20-4-17	J. A. S.	Not issued	Screw (twin) 54	Quebec and Grosse Isle, P.Q.	Minister of Agriculture, Ottawa.

Alice G. 107570 Collingwood.	36 25	1902 Wood..... Collingwood, Ont. 1913 Collingwood. Ont.	Fishing Tug.	Collingwood, Ont 21 11 17	C. M.A.....	21-11-17 20-11-18	Screw..... 8·1	Georgian Bay.....	The Dominion Fish Co., Winnipeg, Man.
Alice Mattes..... 122292 Prince Albert.	138 87	1916 Wood..... Big River, Sask.....	Tow boat...	Big River, Sask..... 10-9-17	J.T.M.....	Not issued.	Paddle..... 4·2	Crooked Lake, Sask....	The Ladder Lake Lumber Co., Big River, Sask..
Alice R..... 126290 St. John, N.B.	75 51	1909 Wood..... Lerange, Queens Co., N.B.	Tug.....	St. John, N. B..... 30-7-17	C. E. D....	30-8-17 30-7-18	Screw..... 40	Inside Musquash harbour and Cape Spencer	Miss Alma F. Gregory, St John, N.B.
Aliford..... 130617, Victoria, B.C.	61 37	1898 Wood..... Portland, Ore.....	Tug.....	Vancouver, B.C..... 27-6-17	A.E.H.....	28-6-17 21-6-18	Screw..... 16	Vancouver and Straits of Georgia.	S. J. Holmes & H. Harris. Vancouver, B.C.
Alligator..... (Not registered).	18 10	1911 Wood..... Toronto, Ont..... 1916 Grandes Piles,PQ	Tug.....	Grandes Piles, P.Q..... 9-30-8-17	F. X. H....	30-8-17 30-8-18	Twin Screw.. 2·7	St. Maurice river.... ...	The St. Maurice Construction Co., Ltd.
Alma..... 112274 Montreal, P.Q....	43 29	1903 Wood..... Sorel, P.Q..	Tug...	Sorel, P.Q. 11-5-17	F. X. H....	12-5-17 11-5-18	Screw.. ..... 3·3	Three Rivers Harbour..	Chas. Page, Three Rivers, P.Q.
Alpha..... 111495 Quebec, P.Q.	20 3	1900 Wood..... St. Joseph de Sorel 1916 Orleans Isd.	Tug.....	Quebec, P.Q. 8-5-17	J. A. S.....	10-5-17 8-5-18	Screw..... 11·2	Quebec harbour.....	LaCie Sable Union Ltee. Quebec, P.Q.
Alpha..... 100750 Quebec, P. Q.	61 42	1898 Wood..... Cheverie, N.S.	Fishingboat	Liverpool, N.S..... 27-4-17	N. A. C....	30-4-17 27-4-18	Screw..... 16-6	Coasting.....	Albert H. Peters, Quebec, P.Q.
Alphonse Racine..... 116602 Montreal, P.Q.	121 69	1901 Steel..... Sorel, P.Q.	Tug.....	Montreal, P.Q..... 26-4-17	J. T. G.....	4-5-17 26-4-18	Screw..... 42	Montreal harbour.....	Harbour Commrs., Montreal, P.Q.
Alva..... 111447 Ottawa, Ont.	27 22	1887 Wood..... 1901 Rebuilt. Ottawa.	Tug.....	Ottawa, Ont..... 12-5-17	J. T. G.....	Not issued.	Screw..... 12	Ottawa River to Hawkesbury.	Minister of Public Works, Ottawa.
Alva W..... 116319 Amherstburg.	39 27	1908 Wood..... Collingwood, Ont.	Fishing Tug	Kingsville..... 15-8-17	J. D.....	20-8-17 15-8-18	Screw..... 10·6	Pigeon Bay L. Erie.....	
Amelia..... 104069 Magdalen Islands.	357 146	1894 Steel..... Ayr, Scotland.	Pass and freight. 35	Halifax, N.S..... 11-5-17 11-5-17	N.A.C..... A. McD.	14-5-17 11-5-18	Screw..... 70·1	Pictou and Magdalen Islands.	Magdalen Islands Steamship Co., Halifax, N.S.
Amelia Mac..... 130271 Winnipeg, Man.	65 44	1910 Steel..... Winnipeg, Man.	Tug.....	Winnipeg, Man..... 11-6-17	W. J. V.....	30-6-17 11-6-18	Twin screw.. 16	Red River.....	Arctic Ice Co., Winnipeg.
America..... 100662 Kingston, Ont.	520 266	1895 Composite.... Kingston.	Pass..... 571	Kingston, Ont..... 24-4-17 13-4-17	T. P. T..... M. R. D.	27-6-17 14-4-18	Paddle..... 200	Trenton and Prescott...	St. Lawrence River Steamboat Co., Kingston, Ont.
America..... Duluth.	681 480	1898 Steel.. ..... Wyandotte, Mich.	Passenger... 106	Port Arthur, Ont..... 18-6-17 18-6-17	W. J. V..... W. J. V.	18-6-17 5-5-18	Screw.....	Port Arthur & Duluth..	Booth Fish Co., Chicago, Ill.
Americana..... 205096 Buffalo, N.Y.	1,009 558	1908 Steel..... Buffalo, N.Y.	Pass..... 3,500	Buffalo, N.Y..... 25-5-17 25-5-17	J. B. S..... W. E.	28-5-18 23-5-18	Screw..... 138·8	Buffalo and Port Colborne and Niagara River.	Lake Erie Excursion Co
Amherst..... 78142 Charlottetown.	138 94	1877 Wood..... Philadelphia..... 1907 Rebuilt. North Sydney, C.B...	Tug.....	Pointe Noire 16-6-7	U A. S.....	30-6-17 16-6-18	Screw..... 66	Coasting.....	Guel. Pulp & Paper Co.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Amigo 122438 Sault Ste. Marie.	18 17	1907 Wood Walkerville, Ont.	Pass. 15	Kagawong, Ont. 24-6-17 16-7-17	G. M. A. S. D. A.	16-7-17 24-6-18	Screw 5	Little Current, Cutler and vicinity.	Mrs M. J. Simms, Manitowaning, Ont.
Amisk 122275 Winnipeg, Man.	32 21	1909 Wood Selkirk, Man.	Fshg. Tug.	Selkirk, Man. 21-5-17	W. J. V.	7-6-17 21-5-18	Screw 2·7	Poplar Point and Warren Ldg.	Segurdson Fish Co., Selkirk, Man.
Amur 98073 Vancouver, B.C.	907 570	1890 Steel Sunderland, G. B.	Freight and Pass. 5	Seattle, Wash. 22-3-17	B. M. B. M.	25-5-17 21-5-18	Screw 150	Vancouver, Puget Sound Ports and Skagway.	Coastwise Steam ship and Barge Co., Ltd., Vancouver.
Amy 111916 Toronto, Ont.	39 27	1901 Wood Cornwall, Ont.	Tug	Rimouski, P.Q. 26-8-17	J. A. S.	4-9-17 26-8-18	Screw 14	Rimouski harbour.	W. J. Poupore Co., Ltd, Montreal, P.Q.
Andrew J. Smith 117031 Sault Ste. Marie, Ont.	387 209	1893 Wood Manitowac, Wis.	Tug	Sault Ste. Marie, Ont. 27-8-17	G. M. A.	Not issued.	Screw 52·8	Georgian Bay.	Algoma Dredging Co., Ltd., Sault Ste. Marie, Ont.
Andrew Kelly 134745 Grimsby, G.B.	229 96	1912 Steel Selby, G.B.	Fishing boat.	Prince Rupert, B.C. 9-5-17 2nd Inspection 15-1-18 30-1-18	A. E. H. A. E. H. A. F.	Not issued.	Screw 58	Prince Rupert and Coastwise.	Atlin Construction Co., Victoria, B.C.
Anko 126645 Port Dover, Ont.	38 26	1914 Wood Rebuilt Port Dover, Ont.	Fishing boat.	Port Dover, Ont. 27-7-17	J. B. S.	30-7-17 27-7-18	Screw 4·8	Lake Erie	Harry W. Ainsley, Port Dover, Ont.
Annacis 126790 New Westminster, B.C.	56 31	1910 Wood New Westminster, BC	Tug	Vancouver, B.C. 25-1-18	H. G. R.	28-1-18 4-1-19	Screw 16	Vancouver and Straits of Georgia.	J. W. Pike, New Westminster, B.C.
Annie 100222 Halifax, N.S.	42 29	1892 Wood Dartmouth, N.S.	Wator boat.	Halifax, N.S. 27-8-17	N.A.C.	28-8-17 27-8-18	Screw 19·5	Halifax harbour	Judge Bros., Halifax, N.S.
Annie M 107165 Collingwood, Ont.	33 22	1900 Wood 1915 Rebuilt. Collingwood.	Fishing tug.	Collingwood, Ont. 17-8-7	G. M. A.	Not issued.	Screw 8·1	Georgian bay.	Mrs. M. A. Clark and W. A. Clark, Collingwood, Ont.
Annie Moyles 96851 Sarnia, Ont.	71 49	1865 Wood East Saginaw, Mich.	Tug	Port Huron, Ont. 17-9-17	J. D.	22-9-17 19-3-18	Screw 23·6	Sarnia to Amherstburg.	Blind River Towing Co, Blind River, Ont.
Anoka 130712 Kenora, Ont.	61 42	1912 Wood Kenora, Ont.	Tug	Keewatin, Ont. 14-5-17	W. J. V.	28-5-17 14-5-18	Screw 16·6	Lake of the Woods	Keewatin Lumber Co., Keewatin, Ont.
Anthemis 126487 Montreal, P.Q.	95 50	1909 Wood Magog, P.Q.	Pass. 250	Magog, P.Q. 21-6-17 21-6-17	J. E. L. P. D.	21-6-17 21-6-18	Screw 16·7	Magog to Newport	E. G. Penney, Montreal.
Anticosti I.I. 122030 Liverpool, N.S.	34 21	1907 Wood Liverpool, N.S.	Fshg tug.	Halifax, N.S. 20-10-17	D. J. M.	20-10-17 20-10-18	Screw 8·2	Coasting	Rosanna Neville, Halifax, N.S.

Aquila 130842 Vancouver, B.C.	176 104	1901 Wood South Boston, Mass.	Yacht	Vancouver, B.C. 13-3-18	H. G. R.	14-3-18 12-3-19	Screw 37	Coasting	B. T. Rogers, Vancouver.
Arabian 100394 Hamilton, Ont.	1,073 770	1892 Steel Hamilton, Ont.	Freight	Fort William, Ont 4-5-17 4-5-17	W. J. V. W. J. V.	5-5-17 4-5-18	Screw 68·3	Duluth and Father Pt	Lake Commerce Ltd., Toronto, Ont.
Aranmore 98579 Ottawa.	1,170 500	1890 Iron Dundee, G.B.	Freight	Halifax, N.S. 11-4-17 5-3-18	N. A. C. A. McD.	5-3-18 11-4-18	Screw 186	Halifax and St. Johns, Nfld.	Minister of Marine and Fisheries, Ottawa.
Arbutus 92642 Port Arthur, Ont.	49 33	1887 Wood Wallaceburg, Ont.	Tug.	Port Arthur, Ont. 8-5-17	W. J. V.	31-5-17 8-5-18	Screw 17	Port Arthur and Rossport.	Central Contracting Co., Fort William, Ont.
Arcadia 85555, Pictou, N.S.	62 42	1884 Wood Yarmouth, N.S. 1909 Rebuilt. Pictou, N.S.	Pass. 40	Mulgrave, N.S. 22-5-17 7-5-17	D. J. M. A. McD.	16-5-17 11-5-18 2-7-17	Screw 13·5	Mulgrave to Pt. Hawkesbury.	P. J. Walker, Port Hawkesbury, N.S.
Archibald 117196 Kenora, Ont.	20 14	1904 Composite Gold Rock, Ont. 1917 Sawridge, Alta	Tug	Sawridge, Alta. 15-5-17	J. T. M.	17-5-17 15-5-18	Screw 2	Sawridge, Lesser Slave Lake.	Northwest Lumber Co., Edmonton, Alta.
Archie Stewart 97618 Ottawa.	80 50	1890 Wood Ottawa.	Tug	Ottawa. 27-4-17	J. T. G.	Not issued.	Screw 14·6	Ottawa river at Ste. Anne.	Dept. Public Works.
Archie W. 134551 Port Burwell, Ont	36 25	1914 Wood Port Burwell, Ont.	Fishing boat.	Port Dover, Ont. 26-7-17	J. B. S.	26-7-18	Screw 4·8	Lake Erie	Geo. A. Van Order, Port Burwell, Ont.
Argentcuil Not complete.	175 65	1917 Steel Sorel, P.Q.	Buoy and Light Service.	Sorel, P.Q. 30-6-17	F. X. H.	Not issued.	Screw 16·6	Ottawa & St. Lawrence river.	Public Works Dept., Ottawa
Argus 85489 Halifax, N.S	26 18	1884 Wood Lockport, N.S.	Tug	Pictou, N.S. 7-5-17	N. A. C.	9-5-17 7-5-18	Screw 13·5	Pictou, harbour	Pictou County Contractor Supply Co.
Argyle 96859 Sarnia, Ont.	41 28	1891 Wood Buffalo, N.Y. 1903 Sarnia, Ont.	Tug	Toronto, Ont. 28-7-17	J. D.	Not issued.	Screw 10·8	Lake Ontario	Canada Cons. and Dredg. Co., Toronto, Ont.
Argyle 107220 Kenora, Ont.	97 56	1900 Wood 1912 Kenora, Ont.	Pass. Ferry. 153	Kenora, Ont. 14-5-17	W. J. V. W. J. V.	Not issued.	Screw 10·7	Kenora and Keewatin	James Fraser, Keewatin, Ont.
Aricia 134021 Victoria, B.C.	13 9	1912 Wood Kelowna, B.C.	Pass. 10	Kelowna, B.C. 5-5-17	W. J. C. W. J. C.	31-5-17 4-5-18	Screw 2·7	Kelowna and West bank	J. L. A. Hayman, Kelowna, B.C.
Ariel 106032 Detroit, Mich.	202 120	1881, 1913 Wood Detroit, Mich.	Pass. Ferry.	Detroit, Mich. 4-10-17 13-10-17	J. D. W. E.	18-10-17 10-8-18	Screw 26·7	Detroit and Walkerville	Detroit and Walkerville Ferry Co., Detroit.
Armoco 122537 Vancouver, B.C.	46 32	1907 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 16-3-18	A. E. H.	27-3-18 15-3-19	Screw 10·3	Vancouver and Straits of Georgia.	Armstrong and Morrison, Ltd., Vancouver, B.C.
Armour 121850 Toronto, Ont.	191 115	1906 Composite Burks Falls.	Pass. 50	Burks Falls, Ont. 19-7-17 1-8-17	J. T. G. S. D. A.	6-7-17 5-8-18	Screw 16·8	Magnetawan river	A. A. Agar, Birks Falls, Ont.
Arthur 103367 Quebec, P.Q.	15 17	1895 Wood	Pass Tug.	Roberval, P.Q. 19-5-17	J. A. S.	Not issued.	Screw ·8	Roberval and St. Methode.	Edouard Raymond Trudel, St. Methode, P.Q.

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Arthur C. 100282 Lindsay.	105 71	1891 Wood. Lakefield, Ont.	Tug.	Lindsay, Ont. 20-8-17	T. P. T.	Not issued.	Screw. 4·8	Kawartha lakes.	John Carew, Lindsay, Ont.
Arthur, J. 134317 Kenora, Ont.	24 16	1914 Wood. The Pas, Man.	Fish Tug	The Pas, Man. 28-9-17	W. J. V.	28-9-17 28-9-18	Screw. 1·6	Saskatchewan river.	Barney Anderson, Kenora, Man.
Aspy. 122588 Yarmouth, N.S.	215 99	1910 Wood. Shelburne, N.S.	Pass. 145	Sydney, N.S. 3-5-17	D. J. M. A. McD.	16-5-17 3-5-18	Screw. 41·6	Coasting	North Shore Steamship Co., Sydney, N.S.
Assiniboia. 125984 Montreal, P.Q.	3,880 2,486	1907 Steel. Govan, G.B.	Pass. 101	Port McNicoll, Ont. 20-4-17 14-5-17	G. M. A. S. D. A.	22-6-17 14-5-18	Screw. 298·6	Port McNicoll and Fort William.	Can. Pacific Railway Co., Montreal, P.Q.
Athabasca. 85761 Montreal, P.Q.	2,784 2,349	1883 Steel. Kilvinaugh, G.B. 1910 Rebuilt. Collingwood, Ont..	Freight pass. 42	Port McNicoll, Ont. 20-4-17 Port McNicoll, Ont. 17-5-17	G. M. A. S. D. A.	22-5-17 17-5-18	Screw. 166	Port McNicoll and Ft. William.	Can. Pacific Railway Co., Montreal, P.Q.
Athabasca River. 130277 Winnipeg.	341 231	1912 Wood. Athabasca, Alta.	Freight pass. 40	Peace River, Alta. 1-6-17 1-6-17	J. T. M. J. T. M.	2-6-17 1-6-16	Stn. pdl 4·8	Vermilion Chutes to Hudsons Hope.	Hudson's Bay Co., London, England.
Atikokan. 131053 Port Arthur.	2,004 1,292	1895 Steel. West Superior, Wis.	Freight.	Tiffin, Ont. 16-4-17 Midland 20-4-17	G. M. A. S. D. A. G.P. P.	23-4-17 20-4-18	Screw. 145	All lakes and rivers.	Canadian Northwest Steamship Co., Port Arthur, Ont.
Atlantic. 122143 Lunenburg, N.S.	98 67	1906 Wood. Shelburne, N.S.	Fishing tug.	Halifax, N.S. 13-10-16	D. J. M.	28-4-17 18-4-18	Screw. 16·7	Coasting	Mrs. Rosanna Neville, Halifax, N.S.
Aurelie G. 133834 Montreal, P.Q.	137 9	1912 Steel. Greenock, G.B.	Tug.	Sorel, P.Q. 18-4-17	F. X. H.	24-4-17 8-4-18	Screw. 51	Montreal harbour.	Sincennes McNaughton Line, Ltd., Montreal.
Aurore Marie. 138511 Quebec, P.Q.	19 11	1917 Wood. St. Fulgence, P.Q.	Pass. 10.	Chicoutimi, P.Q. 21-5-17 23-5-17	J. A. S. P. D.	30-7-17 21-5-18	Screw. 2·5	Chicoutimi and St. Fulgence.	Alf. Girard, St. Fulgence, P.Q.
Autolyeus. 103156 Vancouver.	25 17	1895 Wood. Vancouver, B.C.	Tug.	Vancouver, B.C. 23-4-17	H. G. R.	24-4-17 8-4-18	Screw. 9	Vancouver harbour, B.C.	The Hastings Shingle Mfg. Co., Vancouver, B.C.
Aviso. 134136 Montreal, P.Q.	52 23	1914 Steel. Sorel, P.Q.	Tug.	Quebec, P.Q. 4-7-17	J. A. S.	31-7-17 3-7-18	Screw. 13·5	Quebec harbour.	Quebec Harbour Commissioners, Quebec.
Avonlea. 133928 Chatham, N.B.	47 24	1913 Wood. Chatham, N.B.	Pass. 40	Mira, N.S. 13-8-17	D. J. M.	20-8-17 13-8-18	Screw. 8·1	Mira river.	Phillips and Nichol, Mira, N.S.
Awahwanhla II. 122347 Toronto, Ont.	50 41	1908 Wood. Gravenhurst, Ont.	Supply boat	Gravenhurst, Ont. 29 5 17	J. T. G.	23-6-17 29-5-18	Screw. 8·16	Muskoka Lakes.	Fred Mills, Beaumaris.
Aylmer. (Not registered).		1910 Wood & Steel. Toronto, Ont.	Tug.	Toronto, Ont. 29-8-17	J. B.S	Not issued	Tw. Screws. 2·4	Toronto Bay.	

Azurite 134217 Prince Rupert, B.C.	39 26	Wood 1912 Tacoma, Wash.,	Frt. & 22 pass.	Anyox, B.C. 16-3-18	A. F.	Not issued.	Screw	Anyox to Alice Arm & Points in Portland Canal.	Granby Consolidated Mining Smelting & Power Co., Vancouver, B. C.
B. C. P. 126082 Vancouver, B.C.	121 83	1908 Wood Vancouver, B.C.	Tug	Steveston, B.C. 6-11-17	A. E. H.	8-8-17 5-8-18	Screw 22	Steveston and Queen Charlotte Sound.	Packers Steamship Co., Ltd., Vancouver, B. C.
B. C. Boy 131032 Vancouver, B.C.	61 42	1912 Wood Port Guichon, B.C.	Tug	Vancouver, B.C. 23-5-17	H. G. R.	23-5-17 17-7-18	Screw 17	Vancouver and Straits of Georgia.	A. Martinovlick, Port Guichon, B.C.
B. C. Maid 134076. Vancouver.	80 26	1893 Wood Seattle, U.S.A.	Tug	Vancouver, B.C. 29-5-17	H. G. E.	29-5-17 28-5-18	Screw 8	Vancouver Hbr. & Howe Sound.	S. H. Goldcutt et al Vancouver.
B. M. Fraser 107597 Toronto.	50 34	1900 Wood Owen Sound, Ont.	Tug	Pointe du Chene, N.B. 24-4-17	C. E. D.	4-6-17 24-4-18	Screw 21	Coasting	Roger Miller & Co., Shediac, N.B.
B. and M. Leblanc 126805 Yarmouth, N.S.	33 12	1910 Wood Yarmouth, N.S.	Fishing	Wedgeport, N.S. 2-8-17	N. A. C.	7-8-17 2-8-18	Screw 8	Tusket River	Ethel M. Hines, Yarmouth, N.S.
Baleine 122916 St. Johns, Nfld.	418 154	1907 Steel Dunkirk, France.	Naval service.	Halifax, N.S. 8-8-17	N. A.C.	8-8-17 8-8-18	Screw 70	Coasting	Lockeport Cold Storage Co., Lockeport, N.S.
Ballena (ex Joan) 100635 Vancouver, B.C.	869 577	1892 Wood Victoria, B.C.	Freight and 500 pass. 620 ex.	Vancouver, B.C. 22-5-17 22-5-17	H. G. R. H. G. R.	23-5-17 30-9-18	Twin screw 85·2	Vancouver & Squamish Howe Sound.	Terminal Steam Nav. Co., Ltd., Vancouver.
Barbara Yount 134282 Victoria, B.C.	29 20	1914 Wood Cowichan lake, B.C.	Tug	Cowichan lake. 12-10-17	B. M.	15-10-17 11-10-18	Screw 7	Cowichan lake	Elco Towboat Co., Ltd., Victoria, B.C.
Barnet 122373 Vancouver, B.C.	12 8	1907 Wood Barnet, B.C.	Tug	New Westminster, B.C. 7-8-17	A. E. H.	9-8-17 7-8-18	Screw 2	Fraser river	G. A. Ward, Barnet, B.C.
Batiscan 131314 Liverpool.	4,835 2,659	1911 Steel Sunderland, G.B.	Freight	St. John, N.B. 3-4-17	W. R. B	16-4-17 30-4-18	Screw 496	St. John and coasting	E. F. & W. Roberts, Liverpool.
Bayfield 96049 Ottawa.	276 114	1889 Steel Glasgow, Scot.	Survey Steamer	Sorel, P.Q. 31-10-17	F. X. H	Not issued.	Twin screw 97	Great Lakes	Minister Naval Service, Ottawa.
Bear river 121807 Shelburne, N.S.	104 71	1905 Wood Shelburne, N.S.	Freight	Bear River, N.S. 26 10-17	D. J. M.	30-10-17 26-10-18	Screw 16·7	Digby and St. John	J. C. Woodworth, Bear river, N.S.
Beatrice 100194 Victoria, B.C.	77 37	1891 Wood Vancouver, B.C.	Tug	Victoria, B.C. 20-3-18	B. M.	21-3-18 19-3-19	Screw 18·2	B.C. Coast	J. J. Goodwin, Victoria, B.C.
Beatrice C 134546 Ottawa, Ont,	15 9	1915 Wood Sturgeon Falls, Ont.	Warp tug	Sturgeon Falls, Ont. 15-7-17	J. T. G.	Not issued.	Paddle 2·1	Lake Nipissing	F. E. Clark, Sturgeon Falls, Ont.
Beatrice Castle 138774 Victoria, B.C.	1,566 1,248	1917 Wood Victoria, B.C.	Freight	Victoria, B.C. 18-1-18 18-1-18	W. J. C. W. J. C.	22-1-18 11-1-19	Twin screw	Canadian and Foreign Ports.	W. H. Brown Co., Ltd., Vancouver, B.C.
Beatrice M 107167 Port Arthur.	36 25	1888 Wood Owen Sound, Ont. 1904 Rebuilt. Collingwood.	Fishing tug.	Rossport, Ont. 14-8-17	W. J. V.	Not issued.	Screw 10·7	Jackfish and Nipigon Straits.	John Bowman, Port Arthur, Ont.
Beauharnois 33476 Ottawa, Ont.	167 87	1815 Iron 1884 Rebuilt. Montreal.	Freight and pass. 250.	Montreal, P.Q. 23-4-17 8-5-17	J. E. L. P. D.	4-5-17 23-4-18	Paddle 20	Montreal and Beauharnois.	Calixte Guyon, Montreal, P.Q.
Beaver 83157 Belleville, Ont.	41 24	1902 Wood Belleville, Ont.	Tug	Montreal, P.Q. 8-5-17	J. T. G.	Not issued.	Screw 10·8	Montreal harbour	Harbour Commissioners of Montreal.

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Beaver	25	1908 Wood	Tug	Lakefield, Ont.	T. P. T.	11-8-17	Screw	Trent Valley canal	Jerome Lajeunesse, Peterboro, Ont.
83416 Peterboro, Ont.	17	Lakefield, Ont. 1914 Rebuilt. Peterboro, Ont.		7-8-17		10-7-18	3·3		
Beaver	85	1897 Wood	Pass.	Chatham, N.B.	C. E. D.	15-8-17	Screw	Caraquet, Miscou and Shippegan.	Gloucester Navigation Co., Caraquet, N.B.
100748 Windsor, N.S.	43	Canning, N.S.	13	14-8-17 25-6-17	W. R. B.	14-8-18	13·5		
Beaver	20	1905 Wood	Pass.	Vancouver, B.C.	A. E. H.	16-6-17	Screw	Vancouver and Howe sound.	A. N. Edwards, Vancouver.
117119 Vancouver, B.C.	14	Vancouver, B.C.	30	16-6-17		30-9-17	4		
Beaver	38	1892 Wood	Tug	Victoria, B.C.	W. J. C.	19-12-17	Screw	Coasting	White & Beviss, Vancouver B.C.
122367 Victoria, B.C.	26	Ballard, Wash.		17-12-17		17-12-18	22·6		
Beaverton	2,012	1908 Steel	Freight	Goderich, Ont.	J. D.	12-5-17	Screw	All lakes and rivers	Merchant S.S. Co., Ltd., Toronto, Ont.
125440 Newcastle, G.B.	1,357	Hepburn-on-Tyn G.B.		14-4-17 24-4-17	W.E.	13-4-18	106		
Belle	82	1883 Wood	Tug	Quebec, P.Q.	J. A. S.	29-6-17	Screw	Quebec harbour	J. S. Thom, Quebec, P.Q.
85746 Quebec.	41	1905 Rebuilt. Quebec.		29-6-17		29-6-17	33-8		
Belle	94	1905 Wood	Tug	Vancouver, B.C.	A. E. H.	31-7-17	Screw	Vancouver and Straits of Georgia.	B. C. Mills Tug and Barge Co., Vancouver.
117013 Vancouver, B.C.	64	Vancouver.		6-7-17		5-7-18	16		
Bellechasse	417	1913 Steel	Govt. Ser.	Quebec, P.Q.	I. A. S.	Not issued	Screw	River St. Lawrence and lakes.	Minister of Marine and Fisheries, Ottawa, Ont.
133935 Ottawa, Ont.	216	Kingston, Ont. 1865 Montreal, P.Q.		2-4-17			118		
Belleville	1233	1905 Composite	Freight	Toronto, Ont.	J. B. S.	17-5-17	Paddle	Hamilton and Montreal	Richelieu & Ontario Nav. Co., Montreal, P.Q.
122070 Montreal, P.Q.	607	Kingston, Ont.		7-4-17 2-5-17	W.E. P. D.	2-5-18	61 6		
Bentinck	34	1912 Wood	Passengers	Vancouver, B.C.	A. E. H.	28-2 18	Screw	Ocean Falls, Fisher & Burke Channels.	Pacific Mills, Ltd., Vancouver, B.C.
133740 Vancouver, B.C.	23	Hoquiam, Wash	18	28-2-18		27-2-18	4		
Berquist	75	1902 Wood	Tug	Victoria, B.C.	B.M.	9-10-17	Screw	Coasting, B. C.	A. Berquist, Victoria, B.C.
111984 Victoria, B.C.	34	Port Moody, B.C. 1915 Victoria, B.C.		6-10-17		5-10-18	13·8		
Berthier	368	1916 Steel	Patrol boat.	Sorel, P.Q.	F. X. H.	Not issued.	Twin screw		Minister of Marine and Fisheries, Ottawa.
138543 Sorel, P.Q	83	Sorel, P.Q.		12-5-17			65		
Beryl	34	1903 Comp	Tender	Victoria, B.C.	B. M.	29-1-18	Twin screw	Nitinat Lake, B.C.	Minister of Militia, Ottawa.
Ottawa, not registered	23	Victoria, B.C. 1914 rebuilt. Walker's Point.		28-8-17		28-8-18	12		
Bessie Butler	77	1907 Steel	Govt Ser.	Chemonye, Ont.	T. P. T.	10-8-17	Screw	Trent Valley canal	Minister of Railways and Canals, Ottawa, Ont.
122561 Peterborough, Ont.	52	Peterborough, Ont.		4-8-17		10-7-18	13·5		

Bessie Dollar 121272 Victoria, B.C.	4,329 2,798	1905 Steel Port Glasgow, G.B.	Freight and Passenger 7	Vancouver, B.C. 18-4-17	H. G. R.	18-4-17 30-10-17	Screw 243·8	Vancouver and foreign Ports.	Dollar Steamship Co., Victoria, B.C.
Bessie M 117087 Collingwood, Ont.	44 30	1907 Wood Collingwood, Ont.	Fishing tug.	Port Coldwell, Ont. 13-8-17	W. J. V.	Not issued .	Screw 13·7	Peninsula and Jackfish.	Frank and John Nicoll, Coldwell, Ont.
Betty D 131010 St. John, N.B.	145 98	1898 Steel Buffalo, N.Y.	Tug	Bauhurst, N.B 6-9-17 14-6-17	C. E. D.	10-9-17 6-9-18	Screw 80	Coasting	Bathurst Lumber Co., Bathurst, N.B.
Bickerdike 121784 Ottawa, Ont.	1515 864	1873 Iron Buffalo, N.Y.	Freight	Fort William, Ont 19-4-16 30-4-17	W.J.V. W.J.V.	30-4-17 30-4-18	Screw 124	Father Point & Duluth.	Montreal & Great Lakes Steamship Co., Ottawa, Ont.
Black 131337 Liverpool, G. B.	102 37	1910 Steel Christiania, Norway.	Whaler	Victoria, B.C. 27-3-18	B. M.	30-3-18 26-3-19	Screw 46	Coastwise	Victoria Whaling Co., Toronto, Ont.
Blue 131357 Liverpool, G.B.	102 37	1910 Steel Christiana, Norway.	Whaler	Victoria, B.C. 27-3-18	B. M.	1-4-18 26-3-19	Screw 46	Coastwise	Victoria Whaling Co., Toronto, Ont.
Bluebell 121849 Toronto, Ont.	752 451	1906 Steel Toronto, Ont.	Pass. 1,350	Hanlans Pt, Ont. 25-4-17 6-6-17	J. B. S. W. E.	9-6-17 6-6-18	Paddle 48·1	Toronto bay	Toronto Ferry Co., Ltd., Toronto.
Blue Hill 97033 Halifax, N.S	196 98	1887 Wood East Boston, U.S.A.	Pass. 40	Baddeck, N.S. 20-6-17 Iona, 20-6-17	D. J. M. A. McD.	30-6-17 20-6-18	Twin screw 38	Baddeck and Iona	Baddeck Steamship Co., Baddeck, N.S.
Bob Hall 122563 Peterboro, Ont.	27 19	1907 Wood Peterboro, Ont.	Tug	Robertson Isd. 3-8-17	T. P. T.	10-8-17 10-7-18	Screw 10·1	Trent Valley canal	Minister of Railways and Canals, Ottawa.
Bogan 103828 Paspebiac, P.Q.	28 18	1909 Wood New Richmond, P.Q	Tug	New Richmond, P.Q. 24-7-17	J. A. S.	31-7-17 24-7-18	Paddle 3·3	New Richmond	Montgomery & Sons, New Richmond, P.Q.
Bon Ami 122436 Sault Ste. Marie.	245 142	1902 Wood Manitowae, Wis.	Pass. 241	Little Current, Ont. 17-7-17 23-6-17	G. M. A S. D. A.	17-7-17 23-6-18	Screw 28·1	Manitowaning & Cutter	C. L. D. & T. C. Simms, Little Current, Ont.
Bonanza King 107851 Dawson, Y.T.	466 260	1898 Wood Dutch Harbour.	Freight	Whitehorse, Y.T. 22-6-17	A. F.	Not issued.	Stn. Whl. 8·5	Yukon river	British Yukon & Nav. Co., Victoria, B.C.
Bonnechero 100425 Ottawa, Ont.	13 6	1893 Wood Simcoe, Ont.	Warp tug.	Red Pine Chute, P.Q. 29-8-17	J.E.L.	Not issued.	Paddle 2	Lake Kippewa, Ont.	McLachlin Bros., Arnprior, Ont.
Bonnie Mac 134318 Kenora, Ont.	28 19	1912 Composite Dryden, Ont.	Tug	Dryden, Ont. 8-10-17	W.J.V.	29-10-17 8-10-18	Screw 3·3	Wabigoon Lake	Dryden Timber & Power Co., Dryden, Ont.
Bonnington 130555 Vancouver, B.C.	1,700 955	1911 Steel Nakusp, B.C.	Freight Pass. 315	Nakusp, B.C. 11-5-17 10-5-17	W. J. C. W. J. C.	12-5-17 9-5-18	Stern wheel 99	Arrowhead and Robson.	Can. Pacific Railway, Montreal, P.Q.
Boonton 131211 Sydney, N.S.	115 53	1871 Wood Philadelphia.	Tug	Halifax, N.S. 17-4-17	D. J. M.	21-4-17 17-4-18	Screw 48·1	Halifax Harbour.	D. Rudderham, North Sydney, N.S.
Boston 98585 Yarmouth, N.S.	1,694 734	1890 Steel Glasgow, G.B.	Frt	New York, N. Y. 14-6-17	N. A. C.	8-12-16 12-6-17	Screw 550	Boston and Yarmouth.	Yarmouth and Boston Steamship Co., Montreal.
Botrel 122224 Montreal, P.Q.	18 12	1903 Wood Three Rivers, P.Q.	Pleasure yacht.	Sorel, P.Q. 9-5-16	F. X. H.		Screw 2·1	Grondines and Batiscan.	J. N. Godin, Three Rivers P.Q.
Boucherville 90546 Montreal, P.Q.	418 206	1886 Composite Sorel, P.Q.	Pass ferry. 400	Sorel, P.Q. 20-4-17 Montreal, P.Q. 3-5-17	F. X. H. P. D.	14-5-17 20-4-18	Paddle 43·2	Montreal and Boucherville.	The Canada Steamship Lines, Montreal, P.Q.

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Bowena (Ex-City of Nanaimo). 96995 Vancouver, B.C.	821 558	1891 Wood..... Vancouver, B.C.	Freight pass. 107	Vancouver, B.C..... 27-4-17 25-4-17	H. G. R.... H. G. R....	26-4-17 24-4-18	Twin screw... 56·3	Vancouver and Howe sound.	Terminal Steam Nav. Co Vancouver, B.C.
Brant..... 107788 Charlottetown, P.E.I.	142 58	1899 Wood..... Charlottetown, P.E.I	Buoy service	Charlottetown, P.E.I. 18-4-17 28-9-17	C.E.D..... W.R.B....	26-4-17 18-4-18	Screw..... 8·5	Coasting.....	Dominion Government, Canada.
Britannia..... 111995 Vancouver, B.C.	326 222	1902 Wood..... Vancouver.	Freight pass. 40	Vancouver, B.C..... 4-4-17 4-4-17	H. G. R.... H. G. R....	17-4-17 3-4-18	Screw..... 32·9	Vancouver and Howe sound.	Terminal Steam Nav. Co., Vancouver.
Britannia..... 150590 Detroit, Mich.	791 401	1906 Steel..... Wyandotte, Mich.	Pass..... 2,500	Detroit, Mich..... 6-6-17 Windsor, 8-6-16	J. D..... W. E.	16-6-17 20-4-18	Screw..... 130·8	Detroit river.....	Detroit and Windsor Ferry Co., Detroit, Mich.
Britannic..... 100188 Collingwood, Ont.	428 228	1866 Iron..... Sorel, P.Q.	Pass..... freight. 163	Montreal, P.Q., 26-6-17. Cornwall 31-5-17	I. E. L..... M. R. D....	26-6-17 26-6-18	Paddle..... 41	Montreal and Kingston	Montreal and Cornwall Nav. Co., Cornwall.
British Columbia..... 119063 Vancouver, B.C.	557 222	1903 Steel..... Bowling, G.B.	Freight..... 10 Pass.	Vancouver, B.C..... 10-5-17 2nd inspection, 26-11-17	A. E. H.... A. E. H....	..... Not issued..	Screw..... 81	Vancouver and Prince Rupert.	Coastwise Steamship & Barge Co.
Brockville..... 107421 Picton, Ont.	191 88	1898 Wood..... Toronto, Ont.	Pass..... 75	Kingston, Ont..... 11-5-17 23-5-17	T. P. T..... W. E.....	1-6-17 11-5-18	Screw..... 13·5	Hamilton, Grimsby & Oakville.	Ontario and Quebec Nav. Co., Picton, Ont.
Brown..... 131358 Liverpool, Eng.	102 37	1910 Steel..... Christiana, Norway..	Whaler.....	Victoria, B.C..... 19-3-18	B. M.....	28-3-18 18-3-19	Screw..... 45·6	Coasting.....	Victoria Whaling Co., Toronto, Ont.
Brown Bros..... 133792 Port Stanley, Ont.	64 43	1915 Composite..... Port Stanley, Ont.	Fishing	Port Stanley, Ont..... 12-9-17	J. B. S.....	12-9-18 12-9-17	Screw..... 13·5	Lake Erie.....	E. Brown & A. C. Colborne, Port Stanley, Ont.
Bruce Cann..... 103715 Yarmouth, N.S.	48 25	1898 Wood..... Lockport, N.S..... 1913. Yarmouth, N.S.	Pass..... 11	Yarmouth, N.S..... 11-4-17 7-4-17	N. A. C.... A. McD....	16-4-17 7-4-18	Screw..... 17	Yarmouth and Port Clyde.	H. Cann & Son, Yarmouth, N.S.
Brulot..... 122253 Quebec, P.Q.	7 6	1903 Wood..... Lac au Saumon	Tug.....	Lac au Saumon..... 29-8-17	J. A. S....	Not issued..	Paddle..... 1·6	Lac au Saumon.....	G. J. Paradis, Lac au Saumon, P.Q.
Buena Vista..... 130325 Kingston, Ont.	141 73	1911 Wood..... Kingston, Ont.	Freight.....	Ottawa, Ont..... 27-6-17	J. T. G.....	28-6-17 27-6-18	Screw..... 13·5	Kingston & Ottawa.....	J. Randall, Seeley Bay, Ont.
Burrard..... 117018 New Westminster, B.C.	56 38	1905 Wood..... Vancouver, B.C.	Tug.....	New Westminster..... 13-8-17	A. E. H....	16-8-17 12-8-18	Screw..... 10	New Westminster & Straits of Georgia.	Monarch Towing and Trading Co., New Westminster, B.C.
Burwash..... 126403 Ottawa.	45 28	1909 Wood..... Kipawa.	Tug.....	Kippewa, Ont..... 25-7-17	J. E. L.....	1-9-17 29-8-18	Paddle..... 9·6	Lake Kipawa.....	McLachlin Bros., Arnprior, Ont.

Buster B. 133718 Vancouver, B.C.	34 23	1912 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 17-1-18	A. E. H.	18-1-18 2-1-19	Screw 6	Vancouver and Straits of Georgia	Christopher E. Keeling, Vancouver, B.C.
Bute 116407 Victoria, B.C.	49 26	1904 Wood Sydney, B.C.	Tug	Victoria, B.C. 12-7-17	B. M.	13-7-17 11-7-18	Screw 12·9	Coasting	A. Berquist, Sidney, B.C.
Byron Whitaker 134145 Montreal, P.Q.	1,539 959	1890 Wood Mount Clemens, Mich.	Freight	Kingston, Ont. 21-4 17 23-4-17	T. P. T. M. R. D.	4-5-17 31-10-17	Screw 89·7	Erie & Quebec	F. E. Hall, Montreal.
C. A. B. 126922 Quebec, P.Q.	29 12	1909 Wood Lauzon, P.Q.	Tug	Quebec, P.Q. 25-4-17	J. A. S.	27-4-17 25-4-18	Screw 6·3	Quebec harbour	C. A. Bernier, Lauzon, P.Q.
C. F. P. 130498 New Westminster.	24 15	1912 Wood New Westminster.	Tug	New Westminster. 13-7-17	A. E. H.	17-7-17 12-7-18	Screw 5·6	Fraser river	Canadian Fish Products, Ltd., London.
C. A. Jacques 129497 Glasgow, G.B.	2,105 1,590	1909 Steel Dumbarton, G.B.	Freight	Louisburg, N.S. 12-4-16	N. A. C. A. McD.		Screw 117·6	Sydney and coastwise	Canada Steamship Lines Montréal, P.Q.
C. B. Powell 92664 Ottawa.	272 172	1887 Composite Pembroke, Ont.	Tug	Pembroke 2-5-17	J. E. L.	31-5-17 23-5-18	Paddle 21	Pembroke and Des Joachims.	Upper Ottawa Improvement Co., Ottawa.
C. C. Lloyd (130290 St-Catharines)	40 27	1915 Wood Stromness, Ont.	Fish tug	Port Maitland, Ont. 17-7-17	J. B. S.	23-7-17 23-7-18	Screw 10·6	Lake Erie	Chas. Crumb & J. F. Crawford, Port Maitland, Ont.
C. C. Wilson Not registered.			Tug	Lake Aylmer, P.Q. 18-7-17	J. A. S.	Not issued.	Screw 16·6	Lake Aylmer	Brompton Pulp & Paper Co., East Angus, P.Q.
C. E. Ainsworth 107485 Sault Ste. Marie.	76 48	1901 Wood Sault Ste. Marie, Mich.	Fishing tug	Sault Ste. Marie 14-5-17	G. M. A.	22-5-17 14-5-18	Screw 19·6	Lake Superior	Dominion Fish Co., Winnipeg, Man.
C. E. Tanner 103806 Pictou, N.S.	18 6	1908 Wood Pictou, N.S.	Tug	Halifax, N.S. 30-6-17	D. J. M.	8-11-17 30-6-18	Screw 5·8	Halifax Harbour	Southern Salvage Co., Liverpool, N.S.
C. J. Booth 122646 Ottawa, Ont.	86 55	1907 Steel Latchford.	Pass tug 40 Turtle	Red Pine Chute P.Q. 29-8-17 Portage 12-9-17	J. E. L. M. R. D.	20-9-17 29-9-18	Paddle 15·6	Turtle river	J. R. Booth, Ottawa.
C. M. Winch 101202 St. Johns, Nfld.	88 49	1872 Wood New York, U.S.A.	Tug	Sydney, N.S. 1-8-16	D. J. M.		Screw 23	Coasting, N.S.	Dominion Coal Co., Sydney, N.S.
C. R. Smith 131054 Port Arthur, Ont.	202 127	1912 Wood The Pas.	Tug	The Pas, Man. 27-9-17	W. J. V.	Not issued.	Paddle 16·3	Saskatchewan river	Finger Lumber Co., The Pas, Man.
C. S. Parnell 97132, Quebec, P.Q.	17 12	1891, Wood Levis, P.Q.	Tug	Three Rivers. 17-9-17	F. X. H.	Not issued.	Screw 4·7	St. Maurice River	La Cie Générale d'Entreprise, Levis, P.Q.
C. W. Chamberlain 80574 Midland, Ont.	385 243	1881 Wood Walkerville, Ont.	Freight	Toronto, Ont. 25-5-17 15-6-17	J. B. S. W. E.	22-6-17 15-6-18	Screw 44·9	All lakes and rivers	J. H. and J. P. and J. H. Milnes, Toronto, Ont.
C. W. Endress 130778 Sault Ste. Marie	146 69	1898 Wood Manitowoc, Wis.	Fishing boat.	Kingsville 15-8-17	J. D.	20-8-17 15-8-18	Screw 16·6	Sheltered waters and not more than 1 hrs. run beyond sheltered waters.	J. E. Pastorius, Kingsville.
C. Kylander 138007 Port Arthur, Ont.	25 17	1916 Wood Rossport.	Fishing tug.	Rossport, Ont. 15-8-17	W. J. C.	18-8-17 15-8-17	Screw 7·2	Jackfish and Nipigon Straits.	Chas. Kylander, Rossport, Ont.
Cabotia 133825 Montreal, P.Q.	1,530 932	1880 Wood Gibraltar, Mich.	Freight	Trenton, Ont. 19-4-17 19-4-17	T. P. T. M. R. D.	28-4-17 19-4-18	Screw 98	Lake Erie and Father Point.	Canada Shipping Co., Ltd., Montreal, P.Q.

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Cadillac 138230 Montreal, P.Q.	1,297 732	1892 Steel South Chicago, Ill.	Freight	Toronto, Ont. 4-5-17 Welland Canal. 10-5-17	J. B. S. W. E.	15-5-17 10-5-18	Screw 88	Coasting and Inland	Canada SS. Lines, Montreal P.Q.
Caldera St. Catharines.	44 .17	1912 Wood Erie, Penn.	Fishing tug.	Port Maitland, Ont. 18-7-17	J.B.S.	23-7-17 18-7-18	Screw 3	Lake Erie	Little & Siddall, Port Maitland, Ont.
Calgarian 131056 Port Arthur.	2,326 1,302	1913 Steel Port Arthur, Ont.	Freight	Hamilton, Ont. 16-4-17 20-4-17	J.B.S. W.E.	7-5-17 20-4-18	Screw 116	All lakes and rivers	Western Drydock & Shipbldg Co., Pt. Arthur Ont.
Calumet Island 131131 Ottawa.	18 12	1909 Wood Calumet Island	Ferry 10	Calumet Island 11-10-17	M.R.D.	11-10-17	Paddle 1	Calumet Island and Campbells Bay.	Fred. Ladouceur, Calumet Island.
Calvin Austin 127768 Bath, Me.	3,826 2,854	1903 Steel Wilmington, Del.	Pass. 266	Boston, Mass. 14-5-17 14-5-17	C. E. D. W. R. B.	6-6-17 2-6-18	Screw 249·4	St. John and Boston	Eastern Steamship Corporation, Boston Mass.
Camosun 121204 Vancouver.	1,369 794	1905 Steel Paisley, G.B.	Freight and pass. 143	Vancouver, B. C. 5-2-18 5-2-18	H. G. R.	6-2-18 4-2-19	Screw 124·7	Vancouver and Prince Rupert	G. T. Legg, *et al* Vancouver, B.C.
Campania 100869 Quebec.	23 16	1884 Wood Lake Megantic.	Tug	Mégantic, P Q 10-10-17	J. A. S.	Not issued	Screw 2·13	Lake Megantic, P.Q.	G. M. Stearns, Lake Megantic, P.Q.
Canada 99675 Vancouver, B.C.	151 66	1892 Iron Beverley, Yorkshire, Scot.	Fishing boat.	Vancouver, B.C. 4-5-17	A. E. H.	5-5-17 3-5-18	Screw 45·2	Vancouver & Coastwise.	Canada Fishing Co., Ltd. Vancouver, B.C.
Canadian 107094 Victoria.	716 455	1898 Wood Victoria, B.C.	Pass. 110	Dawson, Y.T. 14-7-17 14-7-17	A. F.	14-7-17 13-7-18	Stern wheel 25	Yukon river	British Yukon Nav. Co. Ltd., Victoria, B.C.
Canadian 122533 Vancouver.	64 44	1907 Wood New Westminster	Tug	Vancouver, B.C. 20-7-17	A. E. H.	20-7-17 18-7-18	Screw 12	Vancouver, B. C. and Straits of Georgia.	H. Wilbur, *et al* Vancouver, B.C.
Canadiana 207479 Buffalo, U.S.A.	974 427	1910 Steel Buffalo, N.Y.	Pass. 3,000	Lonauanda, N. Y. 25-5-17	J. B. S. W. E.	28-5-17 25-5-18	Screw 138	Buffalo & Pt. Colborne & Niagara River.	Buffalo and Lake Erie Excursion Co.
Canna 112353 Brockville, Ont.	10 6	1915 Wood Kingston, Ont.	Yacht	Brockville, Ont. 12-7-17	T. P. T.	20-7-17 2-6-18	Screw ·8	Not stated	John McGraw, Brockville, Ont.
Canobie 133826 Montreal.	1,748 1,051	1887 Wood Detroit, Mich.	Freight	Montreal, P.Q. 5-4-17 17-4-17	J. E. L. P. D.	18-4-17 5-4-18	Screw 94	Lake Erie to Quebec	Lehigh Coal Co., Ltd., Montreal.
Canpac 122524 Vancouver, B.C.	56 38	1907 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 8-6-17	H.G.R.	9-6-17 2-6-18	Screw 9·4	Vancouver to Howe Sound, B.C	Swanson Bay Forests Pulp and Lumber Mills Ltd., Ottawa.

Canso 126803 Yarmouth, N.S.	225 47	1910 Steel Yarmouth, N.S.	Tug	Pt. du Chene, N.B. 24-4-17	C. E. D.	Not issued	Screw 47	Coasting	Minister of Public Works, Ottawa.
Cape Breton 97808 Montreal.	1,764 1,108	1890 Steel Sunderland, G B.	Freight	Sydney, N.S. 29-9-17 25-3-18 2nd inspection 19-3-18	D. J. M. A. McD. D. J. M.	25-3-18 18-3-19	Screw 146·8	Coasting	Steamship Carbon Co., Ltd. Montreal, P.Q.
Capt. Hemens 130330 Kingston, Ont.	35 23	1902 Steel Buffalo, N.Y.	Fishing tug.	Port Arthur, Ont. 15-11-17	W. J. V.	15-11-17 1-1-18	Twin screw 2·4	Thunder Bay	Bowman Fish Co., Port Arthur, Ont.
Captain Jim 107139 Goderich, Ont.	58 39	1902 Wood Goderich, Ont.	Fishing tug.	Sault Ste. Marie. 10-5-17	G. M. A.	22-5-17 10-5 18	Screw 19·5	Lake Superior	Dominion Fish Co., Winnipeg.
Captain Visgar 137983 Kingston, Ont.	30 20	1895 Wood Alexandria Bay, N.Y	Tug	Kingston, Ont. 21-7-17	T. P. T.	Not issued	Screw 13·5	River St. Lawrence & Bay of Quinte.	Munroe, Bros. Gananoque, Ont.
Caraquet 104040 Southampton, G.B.	4,890 2975	1894 Steel Belfast, Ireland.	Pass. freight 279	St. John, N.B. 27-3-18 28-3-18	C. E. D. W. R. B.	13-5-18 27-3-19	Tw. screw 245	St. John, N.B. & West Indies.	Royal Mail Steam Packet Co., London, Eng.
Caribou 116249 Sault Ste. Marie.	597 371	1904 Wood Goderich, Ont.	Pass. 134	Owen Sound, Ont. 1-5-17 2-5-17	G. M. A. S. D. A.	8-5-17 2-5-18	Screw 43·7	Owen Sound and Michipicoten.	Dominion Fish Co., Winnipeg, Man.
Carillon 131124 Ottawa.	41 24	1912 Wood Ottawa.	Tug	Montreal, P.Q. 26-4-17	J. T. G.	7-5-17 26-4-18	Screw 16·8	Montreal harbour & canal.	Minister of Railway and Canals, Ottawa.
Carlotta 122416 Midland.	114 49	1908 Wood Midland, Ont.	Yacht	Midland, Ont. 22-9-17	G. M. A.	28-9-17 21-9-18	Screw 31·3	Georgian bay	J. Playfair, Midland, Ont.
Carmilia 112261 Montreal.	62 39	1902 Wood Sorel, P.Q.	Tug	Sorel, P.Q. 30-5-17	F. X. H.	Not issued	Screw 28	St. Lawrence river	Minister of Marine and Fisheries, Ottawa.
Carolina 107238 Sorel, P.Q.	104 52	1912 Wood Three Rivers, P.Q.	Freight	Sorel, P.Q. 2-6-17	F. X. H.	9-6-17 2-6-18	Screw 2·1	Louisville and Montreal.	L. Dugre, Montreal, P.Q.
Carrie Helen— 130638 St. John, N.B.	19 14	1912 Wood Reed's Point, N.B.	Ferry 9	Gondola Pt., N.B. 19-7-17 19-7-17	C. E. D. W. R. B.	20-9-17 30-11-17	Cable	Gondola Pt. to Reeds Pt.	A. P. Pitt, Reed's Pt., N.B.
Cartier 129745 Ottawa.	556 234	1910 Steel Newcastle-on-Tyne, G.B.	Govt. Surv.	Quebec, P.Q. 2-4-17	J. A. S.	Not issued	Twin screw 98·6	Coasting	Minister of Marine and Fisheries, Ottawa.
Casarco No. 3 131194 St. Andrews, N.B	39 34	1912 Wood Mahone Bay, N.S.	Pass. freight 10	St. Stephen, N.B. 16-5-16 21-8-16	C. E. D. W. R. B.		Screw 2·8	St. Croix and Passamoquoddy Bay.	Canadian Sardine Co., St. Andrews, N.B.
Casca 103919 Victoria, B.C.	1,079 790	1911 Wood White Horse, Y.T.	Pass. 160	Dawson, Y.T. 3-7-17 3-7-17	A. F.	3-7-17 2-7-18	Stn. Whl. 17	Yukon river	British Yukon Nav. Co., Ltd., Vancouver.
Cascade 112243 Victoria, B.C.	119 81	1902 Wood Vancouver B.C.	Freight	Victoria, B.C. 26-12-17	W. J. C.	27-12-17 25-12-18	Screw 16	Coasting, B.C.	Cascade Transportation Co., Ltd., Victoria, B.C.
Cassiar 103472 Vancouver.	597 384	1890 Wood Ballard, U.S.A. 1901 Rebuilt. Vancouver, B.C.	Freight and Pass. 144	Vancouver, B.C. 31-1-18 31-1-18	A. E. H. A. E. H.	31-1-18 28-1-19	Screw 43	Vancouver and Kingcome Inlet.	G. T. Legg, Vancouver, B.C.
Castlegar 130556 Vancouver.	104 71	1912 Wood Okanagan Landing.	Tug	Okanagan Landing, B.C. 3-5-17	W. J. C.	30-5-17 2-5-18	Screw 27	Okanagan Lake	Can. Pacific Railway Co., Montreal, P.Q.
Castor 122474 Ottawa,	88 23	1907 Steel Pembroke, Ont.	Tug	Fort Coulonge, P.Q. 22-5-17	J. E. L.	31-5-17 22-5-18	Pdl 33	Chapeau and Coulonge.	Upper Ottawa Improvement Co., Ottawa.

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Cayuga 122219 Toronto.	2,196 1,168	1907 Steel Toronto, Ont.	Pass. 2,150	Toronto, Ont. 3-5-17 11-5-17	J. B. S. W. E.	14-5-17 11-5-18	Tw. screw 328·7	Toronto and Lewiston	Canada S.S. Lines Ltd., Montreal, P.Q.
Celestial Empire 106769 Liverpool, G. B.	204 80	1897 Iron Hull, G.B. 1902 Rebuilt.	Fishing boat	Vancouver, B.C. 27-12-17	A. E. H. A. E. H.	28-12-17 28-12-18	Screw 59	Vancouver and coasting	Canadian Fishing Co., Ltd. Vancouver, B.C.
Celtic 122538 Vancouver, B.C.	239 163	1907 Wood Vancouver, B.C.	Freight	Vancouver, B.C. 18-9-17	 H. G. R.	20-9-17 15-8-18	Screw 16·5	Vancouver and Prince Rupert.	Coasting Steamship Co., Vancouver, B.C.
Centre Star 130849 Vancouver, B.C.	39 27	1912 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 14-3-18	A. E. H.	15-3-18 12-3-19	Screw 8·2	Vancouver and Points on strs. of Georgia.	W. S. Nicholls, Vancouver, B.C.
Chaffey 71083 Montreal, P.Q.	67 37	1875 Wood Portsmouth, Ont. 1914 Rebuilt. Lachine, P.Q.	Pass. 20	Valleyfield, P.Q. 8-8-17 9-7-17	J. T. G. P. D.	9-8-17 8-8-18	Screw 8·1	Valleyfield and Lancaster.	Celestin Lebœuf, Valleyfield, P.Q.
Chaleur 98863 Southampton, G.B.	4,758 2,930	1893 Steel Belfast, Ireland.	Pass. 238	Halifax, N.S. 7-3-18	 A. McD.	6-3-18 19-4-18	Tw. scr. 418	Foreign-going	Royal Mail Steam Packet Co., London, Eng.
Challenger 92331 Quebec, P.Q.	109 73	1886 Wood Levis, P.Q.	Tug	Three Rivers, P.Q. 17-9-17	F. X. H.	19-9-17 17-9-18	Screw 50	Three Rivers Harbour	La Cie Générale d'Entreprise, Levis.
Champion 103975 Quebec, P.Q.	482 304	1897 Steel Levis, P.Q.	Pass. 600	Quebec, P.Q. 17-4-17 7-5-17	J. A. S. P. D.	8-5-17 17-4-18	Pdl. 44·9	Quebec and Berthier	La Cie Maritime et Industrielle de Levis, P.Q.
Champlain 103956 St. John, N.B.	392 267 1	1897 Wood Valleyfield, P.Q. 1913 Metighan, N.S.	Pass. freight 2nd	St. John, N.B. 28-3-18 inspection.	C.E.D.	1-6-18 28-3-19	Screw 29	St. John river and tributaries.	Majestic Steamship Co., St. John, N.B.
Champlain 116999 Ottawa.	522 225	1904 Steel Paisley, G.B.	Pass & frt. 120	Quebec, P.Q. 4-12-17 5-12-17	J. A. S.	4-12-17 4-12-18	Screw 87·4	River Ouelle and Murray Bay.	Minister of Marine and Fisheries, Ottawa.
Charlemagne 100180 Montreal.	76 52	1891 Wood Montreal, P.Q.	Tug	Charlemagne, P.Q. 12-4-17	T. McC J. E. G.	24-7-17 12-4-18	Screw 37·5	Montreal & Charlemagne	Charlemagne Lumber Co., Montreal.
Charles H. Shaw 134492 Quebec, P.Q.	1,489 951	1889 Wood Detroit, Mich.	Car ferry	Quebec, P.Q. 22-11-16 3-12-17	P. D.	18-12-17 3-12-18	Screw 116	Quebec and Levis	Quebec and Levis Ferry Co., Quebec.
Charles Halliday 134386 Sault Ste. Marie, Ont.	47 23	1881 Wood Saugatuck, Mich.	Tug	Sault Ste. Marie 11-5-17	G. M. A.	9-7-17 11-5-18	Screw 32·6	St. Marys River	A. B. McLean, Sault Ste. Marie, Ont.
Charles Lyon 125975 Prescott.	1,658 1,127	1908 Steel Toronto.	Car ferry 69	Prescott, Ont. 26-6-17 13-6-17	T. P. T. M. R. D.	27-6-17 25-6-18	Tw. screw 161	Prescott and Ogdensburg.	Can. Pac. Transfer Co., Prescott.
Charles W. Riter 134194 Sault Ste. Marie.	41 18	1876 Wood Buffalo, N.Y.	Tug	Sault Ste. Marie 24-10-17	G. M. A.	Not issued	Screw 7·5	St. Mary river	S. L. Penhorwood, Sault Ste. Marie, Ont.

Charlie Jones 111860 Port Stanley, Ont.	16 12	1904 Wood Owen Sound, Ont.	Fishing boat.	Southampton, Ont. 24-8-17	J. D.	2-10-17 28-8-18	Screw 2·7	Lake Huron	D. McDonald, Southampton, Ont.
Charlie M. 103676 Toronto.	50 30	1897 Wood Gravenhurst, Ont.	Pass. 32	Gravenhurst, Ont. 28-5-17 14-6-17	J. T. G. S. D. A.	25-6-17 28-5-18	Screw 8·2	Muskoka Lakes	Muskoka lakes Navigation and Hotel Co., Ltd., Toronto, Ont.
Charlton 88622 Windsor, Ont.	389 265	1862 Wood Chicago, Ill. 1894 Rebuilt. Collingwood, Ont.	Tug	Victoria harbour 20-9-17	G. M. A.	13-5-18 19-9-18	Screw 69·4	Georgian bay	Victoria Harbour Lumber Co., Ltd., Toronto.
Charmer 100793 Victoria.	1,044 496	1887 Steel San Francisco. 1911 Rebuilt.	Pass. 98	Victoria, B.C. 19-6-17 19-6-17	W. J. C.	19-6-17 18-6-18	Screw 150	Victoria, Vancouver and Comox.	Can. Pacific Railway, Montreal.
Chasina (Ex Selma) 85075 Vancouver, B.C.	259 132	1881 Iron and steel Glasgow, Scot.	Frt. Pass. 153	Vancouver, B.C. 22-3-18	A. E. H.	23-3-18 9-3-19	Screw 54	Vancouver and Powell River.	Union Steamship Co. of B.C. Ltd.
Chateauguay 103099 Montreal, P.Q.	339 170	1893 Steel Montreal, P.Q. 1907 Rebuilt. Sorel, P.Q.	Pass. 380	Montréal, P.Q. 26-6-17 20-6-17	J. E. L. P. D.,	26-6-17 26-6-18	Pdl 19·2	Montreal and Richelieu River.	J. Beaudoin, Montreal, P.Q.
Chatson 130282 St. Catharines, Ont.	55 34	1911 Wood Port Robinson.	Tug	Cornwall, Ont. 17-9-17	T. P. T.	Not issued.	Screw 10·8	Cornwall Canal	Pendergast Bros., Cornwall Ont.
Chaudiere 123693 London, G.B.	4,018 2,499	1899 Steel Middlesboro, G.B.	Pass. 240	Halifax, N.S. 9-6-17 7-6117	N. A. C. A. McD.	12-6-17 9-6-18	Screw 340	Halifax and West Indies	Royal Mail Steam Packet Co., London, G.B.
Cheakamus 130305 Vancouver, B.C.	689 403	1910 Steel Dublin, Ireland. 1913 Rebuilt. Esquimalt, B.C.	Freight Pass. 162	Vancouver, B.C. 16-6-17	A. E. H. A. E. H.	23-6-17 17-6-18	Screw 58	Vancouver and Kingcome Inlet.	Union Steamship Co. of B. C. Ltd., Vancouver, B.C.
Chebucto 108633 Halifax.	578 184	1897 Steel Glasgow, G.B	Ferry 450	Dartmouth, N.S. 5-6-17 6-9-17	D. J. M. A. McD	11-6-17 5t6-18	Tw. screw 40	Halifax harbour	Dartmouth Ferry Commission, Dartmouth, N.S.
Cheerful 130493 New Westminster.	80 42	1912 Wood Fraser Mills, B.C.	Tug	Vancouver, B.C. 11-6-17	H. G. R.	12-6-17 10-6-18	Screw 28·2	Vancouver and Straits of Georgia.	The Canadian Tug Boat Co. Ltd., Vancouver, B.C.
Chelohsin 130805 Vancouver, B. C.	1,134 597	1911 Steel Dublin, Ireland.	Freight Pass. 191	Vancouver, B.C. 22-2-18	A. E. H. A. E. H	23-2-18 1-2-19	Tw. screw 65·4	Vancouver and Prince Rupert.	Union Steamship Co., Ltd., Vancouver.
Chemainus 126509 Victoria, B.C.	153 71	1909 Wood Chemainus, B.C.	Tug	Victoria, B.C. 5-4-17	B. M.	6-4-17 4-4-18	Screw 40·7	Coasting	Victoria Lbr. & Mfg. Co., Ltd., Victoria, B.C.
Cherokee 125973 Toronto, Ont.	328 160	1907 Steel Toronto, Ont.	Pass. 390	Gravenhurst, Ont. 28-5-17 19-7-17	J. T. G. S. D. A.	26-7-17 28-5-18	Tw. screw 41·3	Muskoka lakes	Muskoka Lakes Nav. and Hotel Co., Toronto, Ont.
Cheslatta 134290 Victoria, B. C.	18 12	1907 Wood Arrowhead, B.C.	Fr'g't Pass. 10	Arrowhead, B.C. 23-5-17 23-5-17	W. J. C.	29-5-17 22-5-18	Screw 13·5	Arrowhead to Halls ldg.	Hall Bros. Arrowhead, B.C.
Chieftain 94820 Victoria, B.C.	65 39	1890 Wood Victoria, B.C.	Tug	Vancouver, B.C. 13-9-17	A. F.	12-9-17 14-7-18	Screw 21·1	Vancouver and Straits of Georgia	R. Cunningham, & Son, Port Essington, B.C.
Chignecto 125963 Parrsboro, N.S.	86 36	1908 Wood Port Greville, N.S.	Tug	Hantsport, N.S. 21-6-17	N. A. C.	22-6-17 21-6-18	Screw 16·7	Bay of Fundy	J. N. Pugsley, Parrsboro, N.S.
Chinook 117158 New Westminster.	34 28	1899 Wood Astoria	Freight	Vancouver, B.C. 16-8-17	A. E. H.	18-8-17 15-8-18	Screw 7·5	Vancouver and Howe Sd.	W. H. Hind, Vancouver.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Chippewa 100753 Toronto, Ont.	1,514 763	1893 Steel Hamilton, Ont.	Pass. 2,060	Toronto, Ont. 10-5-17 2-7-17	J. B. S. W. E.	5-6-17 2-6-18	Pdl. 145·2	Toronto and Lewiston	Canada S. S. Lines, Ltd., Montreal.
Choctaw 130234 Port Stanley, Ont.	53 36	1911 Wood Collingwood, Ont.	Fishing boat.	Port Stanley, Ont. 13-10-17	J. B. S.	22-10-17 13-10-18	Screw 16·6	Lake Erie	C. F. Stanton and P. L. Glover, Port Stanley, Ont.
Christiana 83103 Richibucto, N.B.	57 36	1886 Wood Mission Point, P.Q.	Tug	Campbellton, N.B. 5-9-17	C. E. D.	10-9-17 1-12-17	Paddle 9·2	Inside Heron Is. high Tracadigash Pt.	Shives Lumber Co., Campbellton, N.B.
Christena Mae 131058 Port Arthur.	14 10	1913 Wood Port Arthur, Ont.	Fish tug	Rossport, Ont. 15-8-17	W. J. V.	16-10-17 15-8-18	Screw 6	Jackfish and Nipigon Straits.	Alex. McKay, Rossport.
Cingalee 126419 Toronto, Ont.	59 23	1905 Wood Toronto, Ont.	Yacht	Wards Island, Ont. 23-5-17	J.B.S.	29-5-17 23-5-18	Screw 10·6	Lake and river	Public Works Department Ottawa.
Circle W. 134632 Victoria, B.C.	35 26	1912 Wood Tete Juan Cache, B.C.	Frt. Pass. 10	South Fort George 7-8-17	A. F.	24-8-17 6-8-18	Screw 3·3	South Fort George and points on Upper Fraser River	P. Burns & Co., Ltd., Calgary, Alta.
Cisco 121960 Port Stanley, Ont.	42 25	1910 Wood Collingwood, Ont.	Fishing boat.	Port Stanley, Ont. 10-9-17	J. B. S.	10-9-17 10-9-18	Screw 13·5	Lake Erie	N.S. Cornell and H. Taylor, Port Stanley, Ont.
City Queen 111561 Toronto, Ont.	69 42	1900 Wood, 1908 Midland, Ont.	Pass. 40 Ex. 149.	Midland, Ont. 21-9-17 19-9-17	G. M. A. S. D. A.	Not issued	Screw 10·6	Midland and Honey Harbour.	Playfair Preston, Midland, Ont.
City of Cheboygan 157279 St. Ignace, P.Q.	247 163	1890 Wood Cleveland, Ohio.	Pass 520	Pt. Huron 17-7-17 17-7-17	J. D. W. E.	17-7-17 21-6-18	Screw 54·1	St. Clair River	Island Trans. Co., Michigan.
City of Collingwood 117089 Collingwood, Ont.	4,529 3,480	1907 Steel Collingwood, Ont.	Frt. Pass. 10	Collingwood 5-5-17	S. D. A.	7-5-17 5-5-18	Screw	Port Colborne and Duluth.	Farrar Transp. Co., Toronto, Ont.
City of Dover 126647 Port Dover, Ont.	81 55	1916 Wood Port Dover, Ont.	Fishing tug.	Port Dover Ont. 14-11-17 18-6-17	J.B.S. W.E.	15-11-17 13-11-18	Screw 15·4	Port Dover and Sandusky.	Wm. F. Kulby, Port Dover, Ont.
City of Edmonton 126448 Kenora, Ont.	301 189	1909 Wood Edmonton, Alta.	Pass. 400	Edmonton, Alta. 9-5-17 9-5-17	J. T. M. J. T. M.	21-8-17 9-5-18	Stern wheel 9·6	Saskatchewan river	J. Walter, Edmonton, Ltd., Alta.
City of Haileybury 126401 Ottawa.	38 26	1908 Wood Kipawa, Ont.	Pass and freight. 40	Red Pine Chute 29-8-17 Kippewa. 13-9-16	J. E. L. M. R. D.	20-9-17 29-9-18 18-5-17	Screw 7·5	Lake Kippawa	John Cunningham, Gondette.
City of Hamilton 126526 Ottawa.	1,574 869	1871 Iron Buffalo, N.Y.	Freight	Kingston, Ont. 17-4-17 Toronto. 12-5-17	T. P. T. W. E.	17-4-18 22-6-17	Screw 80·6	Lakes and rivers	Canada Steamship Lines, Ltd., Montreal, P.Q.
City of Lund 126545 Vancouver, B.C.	49 34	1908 Wood Lund, B.C.	Tug	Vancouver, B.C. 21-6-17	H. G. R.	13-6-18	Screw 9·6	Vancouver & Lund, B.C.	F. G. and C. A. Thulin, Lund, B.C.

City of Meaford	328	1906	Wood	Pass.	Collingwood, Ont.	G. M. A.	6-3-17	Screw	Collingwood and way ports Sault Ste. Marie	Collingwood Steamship Co., Collingwood, Ont.
117082 Collingwood.	223	Meaford, Ont.		100	30-6-17 14-6-17	S. D. A.	6-7-18 30-11-17	28·1		
City of New York	292	1863	Wood	Freight	Toronto, Ont.	J. B. S.	18-10-18	Screw	Lake Erie ports and Montreal.	Lake Shore Sand and Gravel Co. Ltd., Toronto, Ont.
116393 Cobourg.	199	Cleveland, Ohio.			29-11-17 18-10-17	W. E.		19·2		
City of Ottawa	1,323	1871	Iron	Freight	Kingston, Ont.	T. P. T.	4-5-17			
122018 Ottawa.	671	Buffalo, N.Y.			26-4-17 28-4-17	M. R. D ...	26-4-18	Screw 80·6	Ft. William and Father Point.	Canada Steamships Lines Ltd., Montreal, P.Q.
						W. E.	6-9-17			
City of Prince Albert	141	1906	Wood	Tug	Prince Albert, Sask.	J. T. M.	6-9-18	Paddle 6·7	Saskatchewan river	Prince Albert Lumber Co., Prince Albert, Sask.
122291 Prince Albert, Sask.	89	Prince Albert, Sask.			6-9-17					
City of Seattle	1,411	1890	Steel	Freight	Seattle, Wash.	W. J. C.	2-4-17	Screw	Pacific ocean coastwise	Pacific Coast Steamship Co., New York.
126635 New York.	768	Philadelphia, Pa.		pass. 234	2-4-17	W. J. C.	14-2-18	150·5		
City of Toledo	796	1890	Steel	Pass.	Detroit, Mich.	J. D.	29-6-17	Paddle	Toledo and Port Huron.	White Star Line, Detroit.
126738 Detroit.	437	Toledo. 1916 Rebuilt-Detroit.		1,954 Ex- 1,650 1,360	6-6-17 18-7-17	W. E.	8-6-18	226·5		
City of Vernon	19	1908	Wood	Tug	Kalamaeka, B.C.	W. J. C.	31-5-17	Screw	Kalamaeka	Johnston and Carswell, Vernon, B.C.
122400 Victoria, B.C.	13	Victoria, B.C.			8-5-17		7-5-18	6		
Clansman	72	1899	Wood	Freight	Vancouver, B.C.	A. E. H.	26-4-17	Screw	Vancouver and Straits of Georgia.	Coast Steamship Co., Vancouver, B.C.
107711 Vancouver, B.C.	49	Vancouver, B.C.			20-4-17		19-4-18	10·7		
Clare	88	1903	Wood	Tug	Liverpool	N. A. C.	10-10-17	Screw	Coasting	Estate of Lantulum, St. John, N.B.
116551 Maitland.	60	Lower Onslow, N.S.			29-9-17		29-7-18	16·6		
Clarence Fix	89	1908	Steel	Pass.	Buffalo, U.S.A.	J. B. S.	11-7-17	Screw	Buffalo harbour and Niagara river.	F. F. and Chas. Fix, Buffalo.
205430 Buffalo, N.Y.	61	Buffalo, N.Y.		327	5-7-17 5-7-17	W. E.	22-6-18	7·5		
Clark Bros.	92	1901	Wood	Pass.	Hanlan's Point, Ont.	J. B. S.	15-5-17	Screw	Toronto bay	Toronto Ferry Co., Ltd., Toronto.
94984 Toronto, Ont.	38	Toronto, Ont.		216	25-4-17 Toronto, Ont. 9-5-17	W. E.	9-5-18	13·5		
Clayburn	75	1906	Wood	Tug	Vancouver, B.C.	H. G. R.	15-5-17	Screw	Vancouver and Straits of Georgia.	Vancouver Tug and Barge Co., Vancouver, B.C.
121741 Vancouver, B.C.	51	Vancouver, B.C.			14-5-17		13-5-18	26·9		
Clayton	43	1902	Wood	Tug	St. John, N.B.	C. E. D.	29-5-17	Screw	Inside Musquash harbour and C. Spencer.	J. A. Gregory, St. John, N.B.
111679 Parrsboro, N.S.	14	Parrsboro, N.S.			25-5-17		25-5-18	16·7		
Cleeve	36	1897	Wood	Tug	Vancouver, B.C.	H. G. R.	8-5-17	Screw	Vancouver and Straits of Georgia.	Wm. N. Coughlin, Vancouver, B.C.
103170 Vancouver, B.C.	24	New Westminster, B.C.			7-5-17		6-5-18	9·1		
Cliffside	68	1909	Wood	Tug	Ottawa, P.Q.	J. T. G.	Not issued	Screw	Rivers	Dept. Public Works, Ottawa.
126405 Ottawa.	24	Ottawa, Ont.			27-4-17			7·5		
Clipper	46	1903	Wood	Tug	Cutler, Ont.	G. M. A.	Not issued	Screw	Spanish river mouth	Sable and Spanish Boom & Slide Co., Ltd., Spanish, Ont.
116260 Toronto.	29	1906	Midland.		1-9-17			16·7		
Clive	35	1902	Wood	Tug	New Westminster, B.C.	A. F.	19-9-17	Screw	Fraser River	Fraser River Pile Driving Co., Ltd., New Westminster, B.C.
111993 New Westminster.	24	New Westminster.			13-9-17		17-9-18	9·1		
Clucas	28	1882	Wood	Fish tug	Port Arthur	W. J. V.	9-11-17	Screw	Port Arthur and Points in Black Bay.	Dominion Fish Co., Ltd., Winnipeg, Man.
77779 Goderich, Ont.	19	Goderich, Ont.			8-11 17		5 6-18	11·2		
Clutha	28	1903	Wood	Tug	New Westminster, B.C.	H. G. R.	7-3-18	Screw	Fraser river	St. Mungo Canning Co., Ltd., New Westminster, B.C.
111957 New Westminster.	19	New Westminster, BC			4-3-18		3-3-19	2·4		

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Coaster	149	1916 Wood	Freight	Vancouver	A. F.	4-10-17	Screw	Vancouver and Straits of Georgia.	Coast SS. Co., Ltd., Vancouver, B.C.
138304 Vancouver, B.C.	99	Vancouver and Strs. of Georgia.		3-10-17		18-9-18	10·7		
Coastguard	72	1904 Wood	Wrecking tug.	Halifax, N.S.	N. A. C.	5-10-17	Screw	Coasting, N.S.	Southern Salvage Co., Liverpool, N.S.
116651 Bonnington, N.S.	49	Shelburne, N.S.		5-10-17		5-10-18	16·7		
Coban	1,063	1882 Steel	Freight	Halifax, N.S.	D. J. M.	4-8-17	Screw	Halifax, N.S.	Black Diamond Steamship Co., Montreal.
86071 Montreal, P.Q.	689	Sunderland, G.B.		3-8-17	A. McD.	3-2-18	136·6		
				31-7-17					
Collingwood	4,529	1907 Steel	Freight	Collingwood, Ont.	G. M. A.	19-5-17	Screw	All lakes and rivers	Farrar Transportation Co., Ltd., Collingwood, Ont.
117089 Collingwood, Ont.	3,480	Collingwood, Ont.	pass. 10	6-4-17		5-5-18	163·8		
Colomb	559	1910 Steel	Freight and	Levis, P.Q.	J. A. S.	29-10-17	Screw	Quebec harbour	LaTraverse do Levis, Levis, P.Q.
126926 Quebec, P.Q.	338	Levis, P.Q.	pass. 400	9-10-17	P. D.	9-10-18	87·1		
				Quebec, P.Q. 27-10-17					
Colonel By	9	1880 Wood	Tug	Ottawa, Ont.	J. E. L.	22-6-17	Screw	Rideau canal	Jno. Cligh, Kemptville, Ont.
80911 Prescott, Ont.	6	Ogdensburg, N.Y..		18-6-17		18-6-18	9·6		
Col. White	20	1917 Wood	Warp tug.	Calumet, P.Q.	J. T. G.	Not issued.	Tw. screw	Calumet and LaRouge.	Riordon & Co., Calumet, P.Q.
138495 Montreal, P.Q.	13	Simcoe, Ont.		23-8-17			2·7		
Colonge	18	1902 Wood	Warp tug.	Brae Side	J. E. L.	Not issued.	Paddle	Brae Side Boom	Gillies Bros., Brae Side.
113395 Ottawa.	12	Sand Point		22-5-17			2·9		
Columbia	50	1896 Wood	Tug and	Arrowhead, B.C.	W. J. C.	12-5-17	Screw	Arrowhead and Beaton	Canadian Pacific Railway, Co., Montreal.
103892 New Westminster.	34	1913 Nakusp, B.C.	pass. 9	11-5-17		10-5-18	19·5		
Columbia	969	1902 Steel	Pass.	Detroit, Mich.	J. D.	6-6-17	Screw	Detroit river	Detroit and Windsor Ferry Co., Detroit.
127655 Detroit.	550	Detroit, Mich.	3,511	6-6-17	W. E.	28-5-18	151·1		
				13-6-17					
Commodore	40	1885 Wood	Tug	Sault Ste. Marie, Ont.	G. M. A.	22-5-17	Screw	Batchewana and Thessalon.	Lake Superior Paper Co. Ltd.
107487 Sault Ste. Marie.	22	Manitowae, Wis. 1914 Rebuilt. Sault Ste. Marie.		11-5-17		11-5-18	6·5		
Commodore	318	1907 Wood	Tug	Vancouver, B.C.	H. G. R.	8-2-18	Screw	Vancouver, B.C., and Coastwise.	B. C. Mills Tug and Barge Co., Vancouver, B.C.
122363 Vancouver, B.C.	216	Vancouver, B.C.		4-2-18		3-2-19	52·3		
Commordore Jarvis	287	1903 Wood	Freight	Toronto, Ont.	J. B. S.	3-7-17	Twin screw	Amherstburg and Ft. Gratiot.	Mullen Coal Co., Amherstburg, Ont.
116267 Toronto, Ont.	97	Bronte, P.Q.		5-6-17	W. E.	19-6-18	11·2		
				19-6-17					
Comox	101	1891 Steel	Freight	Vancouver, B.C.					
100202 Vancouver, B.C.	60	Vancouver, B.C.	Pass. 75	28-9-17	A. E. H.	29-9-17	Screw	Vancouver and Bute Inlet.	The Union Steamship Co., Vancouver, B.C.
						31-10-17	23·6		
Compton	1,530	1882 Wood	Freight	Trenton, Ont.	T. P. T.	28-4-17	Screw	Ft. William and Father Point.	Canada Shipping Co.
130927 Montreal.	937	Detroit, Mich.		18-4-17	M. R. D.	16-4-18	91·5		
				16-4-17					

Connors Bros. 116653 Yarmouth, N.S.	145 64	1904 Wood. Shelburne, N.S.	Freight and pass. 19	St. John, N.B. 4-3-18 4-3-18	C. E. D. W. R. B.	30-3-18 4-3-19	Screw. 24	Coasting, N.B.	Maritime Steamship Co., Blacks Harbour, N.B.
Conqueror Montreal.	166 91	1883 Wood. Buffalo, N.Y. 1917 Sorel, P.Q.	Tug.	Sorel, P.Q. 27-4-17	F. X. H.	25-5-17 27-4-18	Screw. 55·2		The Sincennes McNaughton Line.
Constance 100412 Ottawa.	185 126	1891 Steel. Owen Sound.	Patrol serv.	Halifax, N.S. 12-7-17	D. J. M.	Not issued.	Screw. 54	Coasting.	Minister of Marine, Ottawa.
Coquitlam 100205 Vancouver.	256 166	1892 Steel. Vancouver, B.C.	Freight and pass. 15	Vancouver, B.C. 7-2-18	A. E. H. A. E. H.	7-2-18 6-2-19	Screw. 28·6	Vancouver and Prince Rupert.	Union Steamship Co., Vancouver, B.C.
Cornwall 71609 Kingston.	588 304	1874 Iron. Kingston, Ont.	Tug.	Portsmouth, Ont. 21-4-17	J. B. S.	28-4-17 31-12-17	Paddle. 64·5	Inland Waters.	Donnelly Wrecking Co., Kingston.
Corona 103673 Toronto.	1,274 649	1896 Steel. Toronto, Ont.	Pass. 1,456	Toronto, Ont. 9-5-17 11-5-17	J. B. S. W. E.	14-5-17 11-5-18	Paddle. 300·8	Toronto and Lewiston.	Canada S. S. Lines, Ltd., Montreal, P.Q.
Cortland 138271 St. Catharines, Ont.	74 37	1895 Steel. Buffalo, N.Y.	Tug.	Pt. Dalhousie, Ont. 27-6-17	J.B.S.	28-6-17 27-6-18	Screw. 25·7	Welland canal and Lake Ontario.	John Harrigan, Pt. Dalhousie, Ont.
Corunna 99224 Montreal.	1,269 792	1901 Steel. Leigh, G.B.	Freight.	Halifax, N.S. 28-9-17 12-10-17	N. A. C. A. McD.	28-9-17 28-9-18	Screw. 98·5	Halifax and coastwise.	Corunna Shipping Co., Halifax.
Couchiching Not registered.		Wood.	Pass.	Lowbush 28-7-17	J. E. L.	Not issued.	Twin screw 1·6	Lake Abitibi.	Abitibi Power & Paper Co..
Courcelette (ex Juanita) 138068 Ottawa	111 62	1896 Composite. Nyack, N.Y.	Pass. Yacht	Quebec 14-5-17 6-6-17	J. A. S. P. D.	27-6-17 14-5-18	Screw. 35·6	Montreal and Gulf of St. Lawrence.	The Canadian Salvage Association, Montreal.
Coutli 116775 Vancouver, B.C.	99 68	1904 Wood. Vancouver, B.C.	Tug.	North Vancouver. 28-5-17	H.G.R.	30-5-17 5-5-18	Screw. 28·2	Vancouver and Straits of Georgia.	Coutil Shipping Co., North Vancouver, B.C.
Cowichan 126210 Vancouver, B.C.	962 520	1908 Steel. Ayr, G.B.	Pass. 165	Vancouver, B.C. 28-7-17	A. E. H.	30-7-17 27-7-18	Twin screw 130·8	Vancouver and Kingcome Inlet.	G. T. Legg, Vancouver, B.C.
Crawford 116844 Owen Sound, Ont.	50 37	1905 Composite. Wiarton, Ont.	Tug.	Wiarton, Ont. 11-8-17	G. M. A.	Not issued	Screw. 30·8	Georgian bay.	Peninsula Tug and Towing Co., Wiarton, Ont.
Crofton 126895 Vancouver.	44 30	1910 Wood. Vancouver, B.C.	Freight.	Nanaimo, B.C. 21-6-17	W. J. C.	25-6-17 20-6-18	Screw. 4	Coasting.	J. Kitchen et al, Victoria, B.C.
Crombie 130557 Victoria.	162 102	1916 Wood. Chase, B.C.	Freight & tug	Serento, B.C. 26-5-17	W. J. C.	30-5-17 25-5-18	Stern wheel 6·6	Shuswap lake.	Adams river Lumber Co., Chase, B.C.
Cruizer 104606 Halifax, N.S.	380 24	1895 Steel. Port Glasgow, G.B.	Tug.	Halifax, N.S. 24-9-17 20-5-17	N. A. C. A. McD.	28-9-17 24-9-18	Screw. 153·4	Coasting, N.S.	Brister & Son. Halifax, N.S.
Cumshewa 133858 Vancouver, B.C.	11 7	1906 Wood. Winslow, Wash.	Tug.	Prince Rupert, B.C. 17-5-17	A. E. H.	23-5-17 16-5-18	Screw. 2	Prince Rupert harbour.	C. C. Ketchum, Prince Rupert, B.C.
Cuprite 138307 Vancouver, B.C.	14 10	1916 Wood. Vancouver, B.C.	Frt. Pass. 23	Anyox, B.C. 18-3-18	A. F.	Not issued.	Screw. 3	Anyox to points in Observatory Inlet.	Granby Consolidated Mining, Smelting & Power Co. Ltd., Vancouver, B.C.
Curlew 112178 Port Arthur, Ont.	85 63	1896 Steeple Comp. Ogdensburg, N.Y. 1907 Port Arthur, Ont.	Tug.	Fort William, Ont. 28-7-17	W.J.V.	31-7-17 28-7-18	Screw. 24	Thunder Bay.	Great Lakes Dredging Co., Port Arthur, Ont.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and when Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Curlew	158	1892 Steel	Naval	Halifax, N.S.	N.A.C.	Not issued	Screw	Coasting	Minister of the Naval
100413 Ottawa, Ont.	96	Owen Sound, Ont.	service.	5-6-17			54		Service, Ottawa.
Cygnet	37	1905 Wood	Tug	Selkirk, Man.	W. J. V.	30-6-17	Screw	Red river	Northwest Navigation Co.,
112290 Winnipeg, Man.	25	Selkirk, Man.		14-6-17		14-6-18	2·1		Selkirk, Man.
Cygnet	.....	1907 Wood	Snag boat	Port Essington, B.C.	A. E. H.	30-3-18	Stern wheel	Skeena river	Minister Public Works,
(Not registered).	.....	New Westminster, B.C.		22-5-17	A. E.	20-3-19	9·6		Ottawa.
				2nd inspection Prince Rupert, B.C. 21-3-18					
Czar	152	1897 Wood	Tug	Vancouver, B.C.	A. E. H.	16-8-17	Screw	Vancouver and Straits	G. F. Payne, Saturna Isd.
103907 Victoria, B.C.	93	Victoria, B.C.		13-8-17		12-8-18	56·4	of Georgia.	and E. J. Coyle, Vancouver, B.C.
D. A. Gordon	2,300	1910 Steel	Freight	Louisburg, N.S.	D. J. M.	.....	Screw	Foreign-going	Canada Steamship Lines,
129479 Glasgow, G.B.	1,434	Port Glasgow, G.B.		15-4-16	A. McD.	.....	124·1		Montreal.
				14-4-16					
D. A. Thomas	1,114	1916 Wood	Freight and	Peace River, Alta.	J. T. M.	26-5-17	Stn. Paddle	Hudson's Hope—Vermilion chutes.	Peace River Tramway & Dunslop Co., Ltd., Peace River, Alta.
Winnipeg (intended).	798	Peace River.	Pass. 300	26-5-17	J. T. M.	26-5-18	21·6		
				26-5-17					
D. D. Mann	130	1907 Wood	Pass.	Lockeport, N.S.	N. A. C.	19-7-17	Screw	Lockeport harbour	Town of Lockeport.
122283 Shelburne, N.S.	89	Shelburne, N.S.	34	17-7-17	A. McD.	17-7-18	13·6	Lockeport.	
D. J. Burke	97	1882 Wood	Tug	Toronto, Ont.	G. M. A.	25-10-17	Screw	Toronto and Frenchman's Bay.	The Ontario Roche Co., Ltd., Toronto, Ont.
85415 Midland, Ont.	47	St. Catharines, Ont.		24-10-17	J. B. S.	24-10-18	28·16		
D. J. Purdy	683	1893 Steel	Pass.	St. John, N.B.	C. E. D.	19-5-17	Paddle	St. John river and tributaries.	Crystal Stream SS. Co., St John, N.B.
100725 Montreal, P.Q.	430	Montreal, P.Q. 1911 rebuilt St. John, N.B.	400	3-5-17		3-5-18	34·1		
D. P. Russell	.....	Wood	Pass. Tug	Matheson, Ont.	M. R. D.	Not issued	Screw	Matheson and TurnFalls	
				24-8-17					
D. R. Van Allen	318	1874 Wood	Freight	Fort William, Ont.	W. J. V.	17-9-17	Screw	Port Arthur and Fort William.	N. M. Paterson, Fort William, Ont.
71104Ft. William, Ont.	216	Chatham, Ont.		15-9-17	W. J. V.	15-9-18	34·6		
				15-9-17					
D. S. Pratt	161	1911 Steel	Tug	Midland, Ont.	G.M.A.	Not issued	Screw	Georgian bay	Canadian Dredging Co. Ltd., Midland, Ont.
126655, Midland, Ont.	74	Midland, Ont.		31-10-17			42·6		
D. W. Crow	31	1902 Wood	Tug	Little Current, Ont.	G. M. A.	31-7-17	Screw	North channel, Lake Huron.	N. Trotter, Little Current, Ont.
90530 Chatham, Ont.	18	Chatham, Ont.		17-7-17		17-7-18	13·5		
D. McLeod	36	1903 Wood	Fishingboat	Southampton, Ont.	J. D.	21-9-17	Screw	Lake Huron	Dominion Fish Co., Winnipeg.
116361 Goderich, Ont.	25	Goderich, Ont.		27-8-17		27-8-18	10·7		
Dack	18	1897 Wood	Fishingboat	Belleville, Ont.	T. P. T.	31-5-17	Screw	Bay of Quinte	Wm. Black & Son, Belleville, Ont.
107682 Prescott, Ont.	12	Clayton, N.B. 1909 rebuilt.		28-5-17		28-5-18	1·2		

Daisy 88375 Vancouver, B.C..	47 25	1885 Wood Comox, B.C. 1909 Victoria, B.C.	Tug	Vancouver, B.C. 17-10-17	A.E.H.	30-10-17 16-10-18	Screw 11·2	Vancouver harbour & Straits of Georgia.	Wm. Ed. Brown, Vancouver, B.C.
Daisy 111457 Winnipeg, Man.	58 39	1912 Wood Wasa Bay, Man.	Fish. tug	Selkirk, Man 19-5-17	W. J. V.	29-5-17 19-5-18	Screw 9·3	Sandy Island and Poplar Pt.	Northern Fish Co., Selkirk, Man.
Dalhousie City 130312 Toronto, Ont.	1,258 750	1911 Steel Collingwood, Ont.	Pass 1093. 120.	Port Dalhousie, Ont 3-4-17	J.B.S.	7-5-17 31-3-18	Screw 115·6	Toronto and Pt. Dalhousie.	McKenzie & Mann, Co. Toronto, Ont.
Dalton K 138063 Ottawa, Ont.	21 12	1915 Wood Sturgeon Falls, Ont.	Tug pass 12	Sturgeon Falls, Ont 14-7-17 8-6-17	J. T. G. M. R. D.	31-8-17 14-7-18	Screw 3·3	Lake Nipissing	Charles Williams et al, Sturgeon Falls, Ont.
Dandy 116805 Sorel, P.Q.	77 36	1905 Steel Hull, P.Q.	Tug	Sorel, P.Q. 5-5-17	F. X. H.	21-5-17 5-5-18	Screw 28·1	Montreal and Quebec	J. Larivière, St. Anne, P.Q.
Daniel 116726 St. John, N.B.	28 19	1904 Wood St. John, N.B.	Tug	St. John, N.B 13-4-17	C. E. D.	19-4-17 13-4-18	Screw 14	Inside line through Musquash Ild.Cape Spence	River Valley Lumber Co., Oromocto, N.B.
Daniel M. Munro 112065 Windsor, N.S.	1,196 1,138	1892 Iron Dumbarton, Scot.	Freight	Wentworth, N.S 21-6-17 Wentworth, N.S. 21-6-17	N.A.C. A. McD.	27-6-17 21-6-18	Tw. screw 18	Windsor, N.S. and New York.	Newport Plaster Mining Mfg. Co., Windsor.
Daring 122375 Vancouver, B.C.	81 55	1907 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 22-6-17	A. E. H.	23-6-17 21-6-18	Screw 16·7	Vancouver and Strait of Georgia.	W. W. White, Vancouver, B.C.
Dartmouth 90889 Halifax, N.S.	311 196	1888 Wood Yarmouth, N.S.	Ferry 400	Dartmouth, N.S 2-5-17 10-6-17	N. A. C. A. McD.	24-5-17 25-5-18	Paddle 76·3	Halifax harbour	Dartmouth Ferry Comm'n, Dartmouth, N.S.
Daughter of the Peaks 134314 Kenora, Ont.	17 12	1910 Wood Lake Minniwanka.	Pass 10	Minniwanki, Alta 17-8-17 17-8-17	J. T. M. J. T. M.	20-8-17 17-8-18	Screw 6·8	Lake Minniwanki	John Standley, Banff, Alta.
Dauntless 111599 New Westminster.	138 89	1901 Wood New Westminster.	Tug	Vancouver, B.C. 29-5-17	H. G. R.	30-5-17 24-5-18	Screw 39·1	Vancouver, B. C. and Straits of Georgia.	Westminster Towing & Fish Co., New Westminster.
David G. Thomson 85306 Montreal, P.Q.	185 78	1883 Wood Kingston, Ont. 1919 rebuilt. Kingston, Ont.	Tug	Kingston, Ont 1-6-17	T. P. T.	19-7-17 15-4-18	Screw 50·6	Lake Ontario and Quebec.	Montreal Transportation Co. Montreal, P.Q.
David Ritchie 112168 Chatham, N.B.	25 16	1903 Wood Newcastle, N.B.	Tug	Newcastle, N.B 26-7-17 14-6-18	C. E. D. C. E. D.	30-7-17 27-7-18	Screw 12	Inside Escuminac Village and north-east of Portage Ild.	Allan Ritchie, Newcastle, N.B.
David Seath 134487 Montreal, P.Q.	111 52	1915 Wood Montreal, P.Q.	Tug	Montreal, P.Q. 19-4-17	J.T.G.	26-4-17 19-4-18	Screw 28·1	Montreal harbour	Harbour Commissioners, Montreal, P.Q.
Dawson 107836 Victoria, B.C.	779 491	1901 Wood White Horse, Y.T.	Freight and pass. 160	Dawson, Yukon 6-7-17 6-7-17	A. F. A. F.	6-7-17 5-7-18	Stern wheel 19·2	Yukon river	British Yukon Navigation Co., Ltd., Victoria.
Day Star 116695 Kenora, Ont.	13 9	1903 Wood Kenora, Ont.	Fishing tug	Norman, Ont 15-5-17	W. J. V.	28-5-17 15-5-18	Screw 1·2	Lake of the Woods	Marcus Malmo, Kenora, Ont.
Defiance 107717 Vancouver, B.C.	90 61	1897 Wood Tacoma, Wash.	Tug	Vancouver, B.C. 23-5-17	H. G. R.	25-5-17 1-5-18	Screw 12·1	Vancouver harbour	Frank Monk, Vancouver B.C.
Defiance 116744 Halifax, N.S.	38 26	1904 Wood Shelburne, N.S.	Fishingboat	Lockeport 12-7-17	N. A. C.	19-7-17 16-7-18	Screw 13·5	Coasting	Frank Roberts, Halifax.
Delbert D 126806 Yarmouth, N.S.	44 16	1910 Wood Yarmouth, N.S.	Tug	Halifax, N.S 23-5-17	N. A. C.	24-5-17 23-5-18	Screw 14·7	Halifax harbour	Southern Salvage Co., Liverpool, N.S.

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Delilah C	23	1907 Wood	Pass	St. Denis, P.Q.	F.X.H.	31-7-17			
130532 Montreal, P.Q.	16	Bayonne, U.S.A.	40	20-7-17	.....	20-7-18	Tw. screw 6·6	Beloeil and Sorel	Louis E. Carron, St. Denis P.Q.
				St. Denis, P.Q. 20-7-17	P.D.				
Delisle	46	1869 Wood	Tug	Ottawa, Ont.	J. E. L.	Not issued.	Screw 10·8		Minister of Public Works, Ottawa.
61134 Montreal, P.Q.	17	Buffalo, N.Y.		6-9-17					
Delta	15	1889 Wood	Tug	New Westminster	A. E H.	30-10-17	Screw	Fraser river	Abernethy& Lougheed, Ltd, Port Haney, B.C.
100644 Vancouver, B.C.	10	Victoria, B.C.		29-10-17		26-10-18	6·3		
Denisa	38	1906 Wood	Tug	Three Rivers, P.Q.	F. X. H.	19-9-17	Screw	Three Rivers harbour	La Cie Gen. d'Ent. Public, Levis, P.Q.
121669 Quebec, P.Q.	26	Portneuf, P.Q.		17-9-17		17-9-18	9·8		
Des Brisay	33	1909 Wood	Tug	Victoria, B.C.	A. E. H.	24-4-17	Screw	Coasting	Genoa Bay Lumber Co., Genoa Bay.
126554 Vancouver, B.C.	23	Vancouver, B.C.		14-4-17		12-4-18	8		
				2nd inspection 13-12-17	W. J. C.	14-12-17 12-12-18			
Deschaillons	214	1914 Steel	Tug	Sorel, P.Q.	F. X. H.	Not issued.	Twin screw 54·6	St. Lawrence river	Minister of Marine & Fisheries, Ottawa.
133953 Sorel. P.Q.	76	Sorel, P.Q.		15-6-17					
Detector	607	1915 Steel	Govt. Serv.	Sorel, P.Q.	F. X. H.	Not issued.	Twin screw 65·3	Montreal & Quebec	Minister of Marine & Fisheries, Ottawa.
(Not registered.)	271	Sorel, P.Q.		5-4-17					
Detroit	2089	1904 Steel	Car ferry	Detroit, Mich.	J. D.	30-11-17	Screw	Windsor and Detroit	Wabash R.R.Co., St. Louis, Ill.
201607 Detroit, Mich.	1307	Ecorse, Mich.		27-11-17 27-11-17	W. E.	30-10-18	384		
Diamond	23	1894 Wood	Tug	Hantsport, N.S.	N. A. C.	22-6-17	Screw	Minas Basin ports	Burpee Tupper, Parrsboro, N.S.
100695 Parrsboro, N.S.	15	Pictou, N.S.		21-6-17		21-6-18	9·9		
Dick T	44	1914 Wood	Tug	Quebec, P.Q.	J. A. S.	10-5-17	Screw	Quebec harbour	La Cie Sable Union Ltd., Quebec, P.Q.
134367 Sorel, P.Q.	20	Sorel, P.Q.		8-5-17		8-5-18	16·7		
Digges (ex Princess)	61	1888 Wood	Tug	Vancouver, B.C.	H.G.R.	21-5-17	Screw	Vancouver and Straits of Georgia.	A. R. Bissett, Vancouver.
133867 Vancouver, B.C.	44	Victoria, B.C.		19-5-17		1-4-18	18		
Dixie Rupert	8	1907 Wood	Pass	Prince Rupert	A. E. H.	27-3-18	Screw	Passages inside Tugwell, Digby, Ridley, Soakey and Kennedy Isds., Ogden Channel to Spicer Isd. and Grenville Channel to Farrant Is.	Reginald L. Newcomb, Prince Rupert, B.C.
138173 Prince Rupert.	5	Vancouver, B.C.	16	23-5-17		25-3-19	1		
				2nd inspection 26-3-18	A. F.				
Dola	176	1907 Wood	Tug & Pass.	Vancouver, B.C.	H. G. R.	20-10-17	Screw	Vancouver & coasting trade, B.C.	Vancouver Tug & Barge Co., Vancouver, B.C.
122517 Vancouver, B.C.	120	Vancouver, B.C.	17	16-10-17 19-10-17	H. G. R.	15-9-18	39·1		
Dolaura	791	1908 Steel	Yacht	Victoria, B.C.	B. M.	31-5-17	Twin screw 154·8	Foreign going	James Dunsmuir, Victoria, B.C.
128187 Glasgow, G.B.	393	Paisley, Scot.		31-5-17		30-5-18			

Dolphin 111992 Vancouver, B.C.	20 14	1902 Wood Lund, B.C.	Tug	Vancouver, B.C. 15-1-18	H. G. R.	15-1-18 14-1-19	Screw 6·8	Vancouver harbour	Pacific Dredging Co., Ltd., Vancouver, B.C.
Dominion 116414 Victoria, B.C.	18 10	1904 Wood Victoria, B.C.	Tug	Victoria, B.C. 25-9-17	B. M.	21-9-17 24-9-18	Screw 6·9	Victoria harbour	W. E. Gardner, Victoria, B.C.
Donald H. McDonald 133947 Ottawa, Ont.	31 17	1913 Steel Arnprior, Ont.	Tug	Arnprior, Ont 22-5-17	J. E. L.	31-5-17 31-5-18	Paddle 5·4	Chats lake	McLachlin Bros., Arnprior, Ont.
Donald Mac 134452 Toronto, Ont.	70 50	1914 Steel Toronto, Ont.	Fishingboat	Pt. Stanley, Ont 13-10-17	J. B. S.	Not issued.	Screw 13·5	Lake Erie	Thor Iron Works, Toronto, Ont.
Doncella 131034 Vancouver, B.C.	27 18	1908 Wood Tacoma, Wash.	Pass. 80 s 50 w	Vancouver, B.C. 20-4-17 20-4-17	H. G. R. H. G. R.	21-4-17 19-4-18	Screw 4	Vancouver and West Vancouver.	West Vancouver Ferry Co., Vancouver.
Doric 116263 Toronto.	2359 1452	1903 Steel Toronto, Ont.	Freight	Goderich 13-4-17 23-4-17	J. D. W. E.	24-7-17 13-4-18	Screw 106·3	Coasting and island waters.	Canada S. S. Lines, Montreal.
Dorothea D 130288 St.Catharines,Ont.	45 30	1914 Wood Stromness, Ont.	Fishingboat	Port Maitland, Ont. 17-7-17	J. B. S.	23-7-17 17-7-18	Screw 2·7	Lake Erie	A. L. Dougher, Stromness, Ont., and and M. Jenkinson, Dunville, Ont.
Dorothkalon Prince Rupert (not completed)	17 11	1916 Wood Prince Rupert, B.C.	Frt. Pass. 18	Alti Inlet 5-3-18	A. F.	Not issued.	Screw 2	Alti Inlet inside Tanoo Isd. to Dana Inlet.	Kelly Logging & Lumber Co., Vancouver, B.C.
Dorothy May 130284 St.Catharines,Ont.	55 29	1912 Wood Port Dalhousie.	Tug	Port Colborne, Ont. 20-8-17	J. B. S.	27-8-17 20-8-18	Screw 19·4	Welland canal and lakes	Wm. Hand, Port Dalhousie.
Dorothy N 122497 Chatham, N.B.	46 36	1907 Wood Newcastle, N.B.	Pass. 121	Newcastle, N.B. 26-7-17 26-7-17	C. E. D. W. R. B.	4-8-17 26-7-18	Twin screw 12	Miramichi river and tributaries.	Newcastle Steamboat Co., Newcastle, N.B.
Douglas H 130237 Port Stanley.	54 37	1912 Wood Port Stanley, Ont.	Fishingboat	Port Stanley, Ont. 13-10-17	J. B. S.	20-10-17 13-10-18	Screw 11·2	Lake Erie	R. Long, Port Stanley, Ont.
Douglas H. Thomas 101291 Sydney, N.S.	212 98	1892 Steel Maryland, U.S.A.	Tug and pass. 30	Sydney, N.S. 10-8-17 8-8-17	D. J. M. A. McD.	26-8-17 8-8-18	Screw 56·6	Sydney and N. Sydney.	Dominion Coal Co., Glace Bay, N.S.
Douglas M 126002 Southampton, Ont	58 39	1896 Steel Buffalo, N.Y.	Fish tug	Southampton, Ont. 28-8-17	J. D.	18-10-17 28-6-18	Screw 14·1	Lake Huron	Donald B. McAulay, Southampton, Ont.
Dreadful 131148 Vancouver, B.C.	253 92	1911 Steel South Shields, G.B.	Tug and 17 Pass.	Victoria, B.C. 27-5-17 27-5-17	H.G.R. H.G.R.	26-5-17 6-10-17	Screw 74	Foreign going.	Canadian Tug Boat Co., Ltd, Vancouver, B.C.
Dream 92356 St. John, N.B.	45 30	1881 Wood Newark, N.J.	Yacht	St. John, N.B. 21-6-17	C. E. D.	10-7-17 21-6-18	Screw 11	Inside Musquash Head and Cape Spencer.	W.H.Thorne, St. John, N.B.
Dr. Rymer Winnipeg (not complete).	15 11	1915 Wood Edmonton, Alta.	Yacht	Ft. Resolution 25-6-17	J. T. M.	25-6-17 25-6-18	Twin screw 2	Slave and McKenzie rivers.	Bishop Breyn, R.C. Mission Ft. Resolution, N.W.T.
Druid 112393 Ottawa.	503 149	1902 Steel Paisley, G.B.	Buoy serv.	Quebec, P.Q. 3-4-17 5-5-17	J. A. S. P. D.	Not issued	Twin screw 117·6	Montreal and Gulf of St. Lawrence.	Minister of Marine and Fisheries, Ottawa.
Duchess of York 100342 Montreal.	490 261	1895 Steel Montreal, P.Q.	Freight and Pass. 650	Lachine, P.Q. 15-5-17 9-6-17	J. F. L. P. D.	13-6-17 30-9-17	Paddle 38·5	Montreal and Carillon.	Central Ry. Co. of Canada, Montreal.
Dufferin 116896 Halifax, N.S.	211 99	1905 Wood Sherbrooke, N.S.	Pass. & frt. 96	Halifax, N.S. 10-3-18 19-3-18	W.A.O. A. McD.	19-3-18 19-3-19	Screw 41·6	Halifax and Coasting	W. J. Murdock, Sherbrooke, N.S.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Duval	28	1910 Wood	Tug	Campbellton, N.B.	C. E. D.	10-9-17	Paddle	Inside Heron Isd light and Tracadigan Pt.	Restigouche Log Driving and Boom Co., Campbellton.
133996 Chatahm, N.B.	18	Campbellton, N.B.		5-9-17		5-9-18	3·3		
E. A. Shores	593	1892 Wood	Freight	Amhertsburg, Ont.	J. D.	Not issued.	Screw	Lake Erie and Detroit river.	Mullens Coal Co., Windsor, Ont.
Windsor, Ont.	304	Sheboygan, Ont.		19-4-16	W.E.		69·8		
E. B. Osler	6,787	1908 Steel	Freight and pass. 10	Port McNicoll	G. M. A.	2-5-17	Screw	Inland all lakes and rivers.	Canada S.S. Lines, Montreal, P.Q.
125977 Toronto.	4,361	Bridgeburg, Ont.		19-4-17	S. D. A.	25-4-18	203 6		
				25-4-17					
E. C. Oggel	26	1874 Wood	Fishing boat.	Port Dover, Ont.	J. B. S.	30-7-17	Screw	Lake Erie.	H. W. Ainsley, Port Dover, Ont.
126643 Port Dover.	17	Grand Haven, Mich. 1912 Port Dover.		28-7-17		28-7-17	3·3		
E. H. Bronson	285	1895 Steel	Tug	Pembroke, Ont.	J. E. L.	31-5-17	Paddle	Pembroke and Des Joachims.	Upper Ottawa Improvement Co., Ottawa.
103445 Ottawa.	180	Pembroke, Ont.		23-5-17		23-5-18	69		
E. W. Tobin		1914 Wood	Tug	Lake Aylmer, Garthby. P.Q.	J.A.S.	30-7-17	Screw	Lake Aymer	Brompton Pulpand PaperCo. East Angus.
(Not registered)		Garthby.		18-7-17		18-7-18	3·3		
E. Ross	30	1894 Wood	Ferry	St. John, N.B.	C. E. D.	23-10-17	Screw	Indiantown to Pleasant Pt.	James Leonard, St. John, N.B.
100883 St. John, N.B.	20	St. John, N.B.		19-10-17	W. R. B.	19-10-18	7·3		
				19-10-17					
Earl	71	1890 Wood Vancouver.	Tug	Victoria, B.C.	W. J. C.	12-4-17	Screw	Vancouver, B. C. and Straits of Georgia.	Victoria Transportation Co., Ltd., Victoria.
94906 New Westminster	41	1910 Victoria, B.C.		11-4-17		10-4-18	20		
Eastern Passage	36	1913 Wood	Tug	Halifax, N.S.	N.A.C.	20-9-17	Screw	Halifax harbour	N.S. Construction Co., Sydney, N.S.
131202 Liverpool, N.S.	17	Liverpool, N.S		20-9-17		20-9-18	10·6		
Eastholm	197	1913 Wood	Freight	Vancouver, B.C.	H.G.R.	13-12-17	Screw	Vancouver, B.C. & Puget Sound.	Lincoln Steamship Co., Ltd., Vancouver.
134071 Vancouver, B.C.	118	Vancouver, B.C.		13-12-17	H.G.R.	8-11-18	16		
				12-12-17					
Easton	1,757	1912 Steel	Freight	Montreal, P.Q.	J.T.G.	17-4-17	Screw	Duluth & Father Point.	Matthews Steamship Co., Ltd., Toronto, Ont.
132069 Sunderland, G.B.	1,129	Sunderland, G.B.		10-4-17	P.D.	10-4-18	106·3		
				17-4-17					
Eastport	64	1901 Wood	Ferry	Eastport, Me.	C. E. D.	17-7-17	Screw	Passamaquody bay.	B. M. Pike, Lubec, Me.
136912 Lubec, Me.	33	Dennysville, Me.		17-7-17	W. R. B.	9-7-18	19·5		
				17-7-17					
Eastside	50	1912 Wood	Fishing	Port Stanley, Ont.		23-10-17	Screw	Lake Erie	C. Thorne *et al*, Port Stanley, Ont.
130239 Port Stanley, Ont.	31	Collingwood, Ont.		15-10-17	J. B. S.	15-10-18	13·5		
Ebess	62	1915 Wood	Tug	Chatham, N.B.		13-9-17			
137926 Chatham, N.B.	16	Chatham, N.B.		24-7-17	C. E. D.	24-7-18	Screw 16·7	Inside Escuminac village and end of Portage Isd.	F. Tweedie, Chatham, N.B.

Edith	41	1897 Wood	Tug	New Westminster, B.C.	A. E. H.	Not issued	Screw	Vancouver and Rivers Inlet, B. C	B.C. Canning Co., Ltd., Victoria, B.C.
103901 Victoria, B.C.	26	Victoria, B.C.		29-5-17 2nd inspection. 14-12-17	A. E. H.		8·4		
Edith H	85	1915 Wood	Lighter. . .	Halifax, N.S.		26-7-17	Screw	Halifax harbour	A. G. Hiffler, Halifax, N.S.
134461 Halifax, N.S.	57	Mahone Bay.		25-7-17	D. J. M.	25-7-18	18		
Edith	47	1907 Wood	Tug	Victoria, B.C.	W. J. C.	30-7-17	Screw	Victoria Harbour	Westholme Str. Co., Victoria, B.C.
122511 Vancouver, B.C.	32	Vancouver, B.C.		30-7-17		29-7-18			
Edna K	22	1903 Wood	Fish tug	Goderich, Ont.	J. D.	31-8-17	Screw	Lake Huron	Jos. Aldridge, Thedford.
116872 St. Catharines, Ont.	15	Youngstown, N.Y.		30-8-17		30-8-18			
Edmonton	1,983	1906 Steel	Freight	Goderich, Ont					
122856 Newcastle, G.B.	1,341	Hepburn-on-Tyne.		14-4-17	J. D.	12-5-17	Screw	Lakes and rivers.	Matthews Steamship Co., Toronto.
				24-4-17	W. E.	14-4-18	106·3		
Edna Grace	42	1903 Wood	Tug	Victoria, B.C.		23-6-17	Screw	Coastwise, B.C.	W. E. Gardner, Victoria, B.C.
111789 Victoria.	22	Victoria, B.C.		23-6-17	B. M.	22-6-18	8·7		
Edna R	50	1892 Wood	Fishing	Yarmouth, N.S.	N.A.C.	7-8-17	Screw	Coasting	Mud Island Lobster Co., Yarmouth, N.S.
100326 Yarmouth, N.S.	24	Yarmouth, N.S.		2-8-17		2-8-18	13·5		
Edouard G	71	1914 Wood	Tug	Bay of Seven Islands	J.A.S.	Not issued	Screw	Seven Islands Bay	Gulf Pulp and Paper Co., Quebec.
134230 Montreal, P.Q.	32	Sorel, P.Q.		16-6-17			24		
Edward Alfred	129	1910 Wood	Pass & Tug.	Chicoutimi, P.Q.	J. A. S.	17-8-17	Screw	Chicoutimi and Quebec.	La Cie Générale du port de Chicoutimi, Chicoutimi, P.Q.
126923 Quebec, P.Q.	51	Chicoutimi, P.Q.	40	22-5-17 Quebec 7-6-17	P. D.	10-12-17	32·8		
Edward C. Whalen	113	1913 Steel	Tug	Fort William, Ont.		20-8-17	Screw	Thunder Bay and vicinity.	Can. Towing & Wreckg. Co., Port Arthur, Ont.
134013 Port Arthur, Ont.	77	Port Arthur, Ont.		17-8-17	W. J. V.	17-8-18	35		
Edward Fiske	69	1883 Wood	Tug	Fort Colborne, Ont.		8-8-17	Screw	Welland Canal and Pt. Maitland	Great Lakes Dredging Co., Port Arthur, Ont.
116389 Port Arthur, Ont.	47	Buffalo, N.Y. 1909 Rebuilt, Port Arthur.		8-8-17	J. B. S.	31-12-17	28·6		
Edward S	52	1914 Wood	Fishing tug.	Port Stanley, Ont.		20-10-17	Screw	Lake Erie	Malcolm McIver & Benjamin S. Nichols, Port Stanley.
134552 Port Burwell, Ont.	36	Port Stanley, Ont.		12-10-17	J. B. S.	12-10-18	23-5		
Edwin Price	14	1912 Wood	Alligator	Fort Frances		16-10-17	Tw. screw	Rainy river and Rainy lake.	
138021 Kenora, Ont.	9	Simcoe, Ont.	tug.	28-8-17	W.J.V.	28-8-18	2·7		Shelvin Clark Lumber Co., Fort Frances.
Eileen	11	1905 Wood	Tug	Lièvre river, P.Q.		Not issued	Screw	Lievre river	Dept. Public Works, Ottawa Ont.
103213, Ottawa, Ont.	9	Buckingham, Que.		27-8-17	J. T. G.		4·8		
Eileen T	12	1913 Wood	Tug	Healeys Falls	T.P.T.	14-9-17	Screw	Trent canal	Dredging Dock Co., Toronto, Ont.
134448, Toronto, Ont.	8	Toronto, Ont.		4-9-17		4-7-18	1·2		
Elaine	272	1884 Steel	Fr. Pass.	St. John, N.B.	N. A. C.	28-5-17	Screw	Campbellton and Gaspé.	Hampton SS. Co., Ltd., Oak Point, N.B.
111156 St. John, N.B.	156	Newbury, N.Y. 1894.	30	17-5-16 Halifax, N.S. 28-5-17	A. McD.	28-5-18	29		
Elco	55	1911 Wood	Tug	Castlegar, B.C.		29-5-17	Screw	Arrow lakes	Edgewood Lumber Co., Castlegar, B.C.
130707 Vancouver, B.C.	30	Castlegar, B.C.		22-5-17	W. J. C.	21-5-18	20·1		
Eldred	25	1907 Wood	Tug	St. John, N.B.		21-4-17	Screw	Inside Musquash Head and Cape Spencer.	J. F. Bridges Tug Boat Co., Gagetown, N.B.
122445 St. John, N.B.	17	The Range, N.B.		21-4-17	C. E. D.	21-4-18	13·5		
Edward Pyke		1880 Iron Birkenhead 1917 Levis, P.Q.		Levis, P.Q 26-5-17	J. A. S.	Not issued			Price Bros. & Co., Quebec, P.Q.

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Eleanor	26	1895 Wood	Fishing	Toronto, Ont.		27-8-17	Screw	Lake Coasting	Steve P. Ahern & Wm.
97017 St. Catharines ,Ont.	18	Port Maitland, Ont.	boat.	23-8-17	J. B. S.	23-8-18			Jos. Howe, *et al*, Port Dalhousie.
Electric	49	1899 Composite	Pass.	Penetang, Ont.		23-8-17	Screw	Penetang, Honey Hbr.	Gidley Boat Co., Ltd.,
92449 Toronto, Ont.	29	Toronto.	40	11-8-17	S.D.A.	11-8-18	5·4	and vicinity	Penetang, Ont.
Electronic	231	1913 Wood	Pass.	Sydney, N.S.					
131220 Sydney, N.S.	157	Portland, Me.	400	3-5-17	D. J. M.	16-5-17	Screw	Sydney and No. Sydney	Cape Breton Electric Co.,
				5-5-17	A. McD	2-5-18	46·8		Sydney, N.S.
Elgin E	66	1908 Wood	Fishing tug	Port Stanley, Ont.		20-10-17	Screw	Lake Erie	C. Thorn, *et al*. Port
121937 Port Stanley, Ont.	45	Collingwood, Ont.		12-10-17	J. B. S.	12-10-18	20·2		Stanley, Ont.
Ellen V	43	1913 Wood	Fishing	Port Maitland, Ont.		Not issued	Screw	Lake Erie	J. Mossip and G. Gorrell,
130285 St. Catharines.	29	Port Maitland.	boat.	18-7-17	J. B. S.		3·7		Port Maitland, Ont.
Ellison	49	1913 Wood	Tug	Vancouver, B.C.		27-10-17	Screw	Vancouver and Strs.	Walkem Tow Boat Co., Ltd.
133843 Vancouver, B.C.	33	Vancouver, B.C.		26-10-17	H.G.R.	22-10-18	9	of Georgia.	Vancouver.
Eloise	41	1881 Wood	Pass.	Morrisburg, Ont.	T. P. T.	29-6-17	Screw	Morrisburg Waddington	Simon Salmon, Morrisburg,
107690 Prescott, Ont.	28	Athens, N.Y.	40	23-6-17	M.R.D.	23-6-18			Ont.
		1914 Cornwall, Ont		27-6-17					
Elsie	33	1908 Wood	Tug	Vancouver, B.C.	H.G.R.	31-5-17	Screw	Vancouver and Strs.	Vancouver Timber & Trad-
117012 Vancouver, B.C.	22	Vancouver, B.C		30-5-17		22-5-18	5·6	of Georgia.	ing Co., Vancouver, B.C.
Elsie Bradford	23	1893 Wood	Tug and	Nanaimo, B.C.	W.J.C.	25-6-17	Screw	Nanaimo harbour	A. Bradford, Nanaimo,
100802 Victoria, B.C.	10	Victoria, B.C.	Cannery tender.	22-6-17		21-6-18	1·2		B.C.
Elsie	48	1906 Wood	Pass 130	Toronto, Ont.					
122071 Toronto, Ont.	33	Trenton, Ont.	Frt.	25-6-17	J. B. S.	24-7-17	Screw	Toronto bay	Margaret A. Clark, Toronto,
				2-7-17	W. E.	25-6-18	10·6		Ont.
Elsie McDonald	54	1916 Wood	Pass.	Cross Point P.Q.	J.A.S.	7-9-17	Paddle	Cross Point and Camp-	John L. McDonald, Cross
134591 Paspebiac, P.Q.	33	Cross Point, P.Q.	40	23-7-17		23-7-18		bellton.	Point, P.Q.
				Campbellton, P.Q.	P. D.		5·4		
				6-9-17					
Emmerson	276	1893 Steel	Tug	Kingston, Ont.		28-4-18	Screw	Lake Erie & Quebec	Montreal Transportation
116592 Montreal, P.Q.	188	Collingwood, Ont.		24-4-17	T. P. T.	1-4-18	90·8		Co., Montreal, P.Q.
Emilia	89	1897 Wood	Tug	Sorel, P.Q.		Not issued	Screw	St. Lawrence river	Dept. Marine and Fisheries,
131050 Sorel, P.Q.	30	Sorel, P.Q.		14-4-17	F. X. H.		24·8		Ottawa, Ont.
Emily May	30	1906 Wood	Fishing	Killarney, Ont.	G. M. A.	20-8-17			
117083 Collingwood, Ont	20	Collingwood, Ont.	boat.	20-7-17		20-7-18	Screw	Georgian bay	D. Malcolm, Collingwood,
							9·6		Ont.
Emily Stewart	104	1914 Steel	Pass. tug	Toronto, Ont.	J. D.	26-5-17	Screw	Toronto harbour	Glia Osler *et al*, Toronto,
134458 Toronto, Ont.	48	Toronto, Ont.	29	21-4-17	W. E.	21-4-18	10·8		Ont.
				14-5-17					

Emerillo Quebec.	13 8	1916 Wood Chicoutimi.		Chicoutimi, P.Q. 24-5-17 16-8-17	J. A. S. P. D.	Not issued.		Chicoutimi and St. Alphonse.	La Cie General du Port de Chicoutimi, P.Q.
Emma E 130839 Port Arthur, Ont.	19 13	1910 Wood Collingwood, Ont.	Tug	The Pas, Man. 29-9-17	W. J. V.	Not issued.	Twin screw 2·4	Saskatchewan river	Finger Lumber Co., The Pas, Man.
Emma L 116543 Montreal, P.Q.	53 20	1903 Wood Farrans Pt., Ont.	Tug	Sorel, P.Q. 23-4-17	F. X. H.	10-5-17 23-4-18	Screw 28·1	Montreal harbour	The Sin-McNaughton Line, Montreal, P.Q.
Emma Mac 130266 Ottawa, Ont.	57 36	1910 Wood Kipawa, Que.	Pass. tug	Kipawa, Que. 24-7-17	J. E. L.	Not issued.	Screw 27·9	Lake Kipawa	John Lumsden, Ottawa, Ont.
Emperor 126654 Midland, Ont.	7,031 4,641	1910 Steel Collingwood, Ont.	Freight pass. 10.	Port McNicoll, Ont. 17-4-17 19-4-17	G. M. A. S. D. A.	23-4-17 19-4-18	Screw 199·34	Port Colborne, Ft. William and Duluth,	Canada Steamship Co., Montreal, P. Q.
Empress 73086 Montreal, P.Q.	678 372	1886 Iron Ottawa, Ont.	Pass 800	Lachine, Que. 15-5-7 Montreal, 17-5-16	J. E. L. P. D.	19-6-17 15-5-18	Paddle 48·1	Carillon to Montreal	Ottawa River Nav. Co.
Empress 107815 Peterboro, Ont.	84 57	1899 Composite Lakefield, Ont. 1909 Rebuilt. Youngs Pt., Ont.	Pass 245	Lakefield, Ont. 18-8-17 16-8-17	T. P. T. W. E.	23-8-17 10-7-18	Screw 13·5	Trent Valley canal	P. F. Young, Youngs Point, Ont.
Empress 116309 Charlottetown, P.E.I.	1,341 612	1906 Steel Newcastle-on-Tyne, G.B.	Pass 380	St. John, N.B. 23-5-17 22-5-17	C. E. D. W. R. B.	23-5-17 23-6-18	Twin screw 365	Coasting	Can. Pac. Ry. Co., Montreal, P.Q.
Empress of Asia 135226 London.	16,909 8,883	1913 Steel Govan	Frt. Pass 1,118	Vancouver, B.C. 8-5-17	H. G. R.	Not issued	Quad. screw	Foreign going	Canadian Pacific Railway Co., Montreal, P.Q.
Empress of Japan 98911 Vancouver, B.C.	5,940 3,039	1891 Steel Barrow in Furness.	Freight and pass. 294	Vancouver, B.C. 31-1-18	A. E. H.	Not issued	Twin screw 2,000	Vancouver and Hong Kong.	Can. Pac. Ry. Co., Montreal, P.Q.
Empress of Russia 135197 Vancouver, B.C.	16,810 8,789	1913 Steel Govan	Frt. Pass 1,112	Vancouver, B.C. 31-7-17	H. G. R.	Not issued	Quad. screw	Foreign going	Canadian Pacific Ry. Co., Montreal, P.Q.
Enilada 126432 Victoria, B.C.	57 39	1909 Wood Vancouver, B.C.	Pass 110	Vancouver, B.C. 31-5-17 31-5-17	H. G. R. H. G. R.	31-5-17 18-5-18	Screw 3	Vancouver and Indian river.	Harbour Shipping Co., Ltd., Vancouver.
Enola 130808 Vancouver.	26 18	1902 Wood Ballard, Wash.	Tug	Vancouver, B.C. 22-9-17	A. F.	Not issued	Screw	B. C. coast	Colonial Lumber & Paper Mills, Ltd., Vancouver, B.C.
Enterprise 122460 Charlottetown, P.E.I.	211 98	1907 Wood Shelburne, N.S.	Freight pass. 76	Pictou, N.-S. 3-7-17 3-7-17	N. A. C. A. McD.	9-7-17 3-7-18	Screw 41·6	Pictou and Montague	Three Rivers Steamship Co., Montague, P.E.I.
Eric R 134360 Montreal, P.Q.	47 22	1914 Wood Three Rivers, P.Q.	Tug	Sorel, P.Q. 25-9-17	F. X. H.	27-9-17 25-9-18	Twin screw 6·6	Three Rivers harbour.	The Wayagamack Pulp & Paper Co., Three Rivers, P.Q.
Erin 117194 Kenora, Ont.	14 9	1905 Wood Fort Frances, Ont.	Tug	Rainy River, Ont. 27-8-17	W. J. V.	31-8-17 27-8-18	Screw 1·2	Rainy River & Lake of the Woods.	Geo. Brownlee, Rainy River, Ont.
Erin 121761 N. Vancouver, B.C.	135 91	1889 Wood Port Blakely.	Tug	N. Vancouver, B.C. 5-9-17	A. F.	25-9-17 4-9-18	Screw 31·8	Vancouver and Straits of Georgia.	Achates Tow Boat Co., Vancouver, B.C.
Erl Bess 137892 Toronto, Ont.	118 65	1914 Wood Wallaceburg, Ont.	Tug	Port Burwell, Ont. 7-12-17	J.B.S.	8-12-17 30-9-18	Screw 30·5	Lake Erie	Jas. Albert Henning, Port Burwell, Ont.
Earl King 126270 Toronto, Ont.	45 24	1909 Steel frame Toronto, Ont.	Tug	Toronto, Ont. 26-6-17	J. B. S.	28-6-17 26-6-18	Screw 6·5	Toronto bay and Lake Ontario.	John E. Russell, Toronto, Ont.

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Ernice	9	Wood	Tug	Frankford, Ont	T. P. T.	31-5-17	Screw	Trent canal	Brown, J., Alymer, Campbellford, Ont.
122567 Peterboro, Ont.	9	Unknown.		27-5-17		29-5-18			
Errand Boy	12	1902 Wood	Tug	Nelson, B.C.			Screw	Kootenay lake	W. W. West, Nelson, B.C.
130898 Victoria, B.C.	8	Bonners Ferry, U.S.A.		21-5-17	W. J. C.	29-5-17	21		
						20-5-18			
Escort	40	1894 Wood	Tug	Port Dalhousie			Screw	Welland canal	Welland Canal Tug Co., Ltd., Port Colborne, Ont.
97010 St. Catharines, Ont.	27	Port Robinson.		23-8-17	J. B. S.	4-9-17	112		
						23-8-18			
Escoumains	104	1908 Wood	Tug	Les Escoumains, P.Q.			Screw	Montreal and Escoumains.	J. A. Mercier, Les Escoumains, P.Q.
126000 Quebec, P.Q.	42	Escoumains, P.Q.		22-10-17	J. A. S.	26-10-17	167		
						22-10-18			
Esquimalt	1,373	1917 Wood	Freight	Victoria, B.C.	W. J. C.	31-7-17	Twin screw	Canadian and foreign ports.	Canada West Coast Nav. Co., Vancouver, B.C.
134650 Victoria, B.C.	1,058	Victoria, B.C.		31-7-17	W. J. C.	30-7-18			
Estevan	1,161	1912 Steel	Pass.	Victoria, B.C.			Twin screw	Coastwise	Minister of Marine and Fisheries, Ottawa.
131136 Ottawa, Ont.	606	Collingwood, Ont.	20	14-11-17	W. J. C.	24-41-17	174		
				19-11-17	W. J. C.	14-11-18			
Essex	266	1913 Steel	Ferry	Walkerville, Ont.					
211553 Detroit, Mich.	181	Toledo, Ohio.		6-6-17	J. D.	16-6-17	Screw	Detroit and Walkerville.	Detroit and Walkerville Ferry Co., Detroit Mich.
				12-6-17	W. E.	3-5-18	26·1		
Ethel	72	1895 Steel	Tug	Sorel, P.Q.	F. X. H.		Screw	Montreal harbour	Sin-McNaughton Line, Montreal.
103332 Montreal, Que.	49	Sorel, P.Q.		1-5-17		21-5-17	51·6		
						1-5-18			
Ethyll Reid	36	1904 Wood	Fishing tug.	Killarney, Ont	G. M. A.		Screw	Georgian bay	W. A. Clark, Collingwood, Ont.
112334 Collingwood, Ont.	25	Collingwood, Ont.		20-7-17		20-8-17	10·6		
						20-7-18			
Etoile	560	1879 Composite	Freight	Quebec, Que.	J. A. S.		Pdl	Montreal and Ste. Anne.	F. Boisvert, St. Croix, P.Q.
77874 Quebec, Que.	317	Sorel, P.Q.	Pass.	24-4-17		22-6-17	30		
			200	15-5-17	P.D.	24-4-18			
			590 Ex.						
Etta White	111	1871 Wood	Tug	Vancouver, B.C.	A. E. H.		Screw	Vancouver & points on Straits of Georgia.	J. D. McNeill *et al*, Vancouver, B.C.
64154 Vancouver, B.C.	76	Freeport, U.S.		15-21-18		19-2-18	36·3		
						14-2-19			
Eu Jennie	22	1905 Wood	Fishing boat.	Little Current	G. M. A.		Screw	Killarney & Sault Ste. Marie, N. Channel.	Jno. Lapointe, Sault Ste. Marie, Ont.
116367 Goderich, Ont.	15	Goderich, Ont.		16-7-17		31-7-17	8·4		
						16-7-18			
Euphemia	29	1903 Wood	Tug	Lauzon, P.Q.	J.A.S.		Screw	Quebec harbour	M. P. and J. T. Davis.
112054 St. Catharines, Ont.	19	Port Dalhousie, Ont.		26-4-17		27-4-17	13·5		
						26-4-18			
Eureka	170	1893 Steel	Pilot boat tender.	Quebec, Que.	J. A. S.	Not issued.	Screw	Father Point	Dept. Marine and Fisheries, Ottawa.
93940 Quebec, Que.	19	Glasgow, G.B.		30-4-17			60·1		
				4-9-17					
Eva	34	1891 Wood	Tug	Vancouver, B.C.	A. E. H.	12-7-17	Screw	Vancouver, B. C. and Straits of Georgia.	Eugène McMullin, Vancouver, B.C.
96991 Vancouver, B.C.	24	New Westminster.		12-7-17		11-7-18	11·8		

Eva Johnson 80706 St. John, N.B.	16 7	1887 Wood Yarmouth, N.S.	Tug	St. John, N.B 21-5-17	C. E. D.	5-6-17 21-5-18	Screw	Inside Musquash Hd. and C. Spencer.	Martin Currier, Oromocto, N.B.
Everard 107487 Sault Ste. Marie.	25 17	1900 Wood Gore Bay, Ont.	Fishing boat.	Kagawong, Ont. 23-7-17	 G. M. A.	7-8-17 23-7-18	Screw 6	Sheltered waters off Kagawong.	M. R. W. and G. Graham, Kagawong, Ont.
Ewayea 131004 St. John, N.B.	15 10	1912 Wood St. John, N.B.	Yacht	St. John, N.B. 9-6-17	 C. E. D.	18-6-17 9-6-18	Screw 3·3	Inside Musquash Hd. & C. Spencer.	J. F. Williamson, St. John, N.B.
F. Dupre 116593 Montreal, P.Q.	114 70	1904 Steel Sorel, P.Q.	Tug	Sorel, P.Q. 4-5-17	 F. X. H.	21-5-17 4-5-18	Screw 54	Montreal harbour	Sin-McNaughton Line, Montreal, P.Q.
F. Paul 126150 Sorel, P.Q.	19 13	1908 Wood Sorel, P.Q.	Tug	Sorel, P.Q. 26-4-17	 F. X. H.	21-5-17 26-4-18	Screw 13·5	Montreal harbour and canal.	A. Desrosiers, Sorel, P.Q.
F. B. Stevens 134517 Sarnia, Ont.	516 269	1867 Wood Buffalo, N.Y.	Freight	Port Huron 10-10-17	J. D. J. D.	19-10-17 10-10-18	Screw 47	Point Iroquois and Father Point.	American Transit Co., Sarnia, Ont.
F. N. McCrea 126122 Kingston, Ont.	19 10	Wood	Tug	Lake Aylmer, P.Q. 18-7-17	 J.A.S.	Not issued	Screw 3·3	Lake Aylmer	Brompton Pulp & Paper Co., East Angus.
Fred. L. M. Paint 111791 Port Hawkesbury N.S.	88 39	1903 Wood Port Hawkesbury, N.S.	Tug	Chatham, N.B. 25-6-17	 C. E. D.	28-6-17	Screw 24	Coasting, N.B,. and Bathurst harbour.	Northern Dredging Co., Loggieville, N.B.
F. W. Avery 103639 Ottawa, Ont.	14 9	1895 Wood Simcoe, Ont.	Warptug	Hawkesbury, Ont. 30-8-16	 J. T. G.	25-6-18	Paddle 2·7	Ottawa river	Riordan P. & P. Co., Ottawa, Ont.
F. W. Grant 134262 Midland, Ont.	119 45	1914 Steel Midland, Ont.	Tug	Port Arthur, Ont. 13-9-12	 W. J. V.	18-9-17 13-9-18	Screw 37·5	Thunder bay	Canadian Dredging Co., Midland, Ont.
F. W. Roebling 113782 Halifax, N.S.	162 78	1890 Wood Milford, U.S..	Tug	Dartmouth, N.S (1st Insp.) 30-11-17 (2nd Insp.) 30-3-18 Halifax 1-12-17	 D. M. N. A. C. A. McD.	30-3-18 30-3-19	Screw 42·6	Halifax and coastwise	F. W. Roebling Co., Ltd., Halifax, N.S.
Fairfax 111966 Picton, Ont.	1,367 1,019	1890 Wood Grand Haven, Mich.	Freight	Toronto, Ont. 7-4-17 19-4-17	J. B. S. W. E.	7-5-17 9-4-18	Screw 85·9	Lake Erie and Quebec	Canada SS. Lines Ltd., Montreal, P.Q.
Fairy 80764 Sydney, N.S.	16 9	1881 Wood Quebec, P.Q.	Water boat.	Sydney, N.S. 4-3-17	 D. J. M.	16-5-17 4-5-18	Screw 3·3	Sydney harbour	G. M. Fraser, Edwardsville, N.S.
Fannie 96943 St. John, N.B.	34 23	1875 Wood Philadelphia. 1906 Rebuilt. St. John, N.B.	Tug	St. John, N.B. 19-5-17	 C. E. D.	5-6-17 19-5-18	Screw 8·7	Inside Mussquash Hd. & C. Spencer.	J. F. Bridges Tug Boat Co., Gagetown, N.B.
Fanny Arnold 85322 Owen Sound, Ont.	73 50	1882 Wood Owen Sound, Ont. 1911 Rebuilt. Wiarton, Ont.	Tug and Pass. S.	Cutler, Ont. 1-9-17 Marsh Mills 27-8-17	G. M. A. S. D. A.	10-9-17 27-8-18	Screw 31·8	North Channel	B. W. Arnold, Albany, N.Y
Farquhar 126205 Vancouver, B.C.	72 49	1908 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 9-8-17	 A. E. H.	9-8-17 1-8-18	Screw 16·7	Vancouver and Powell river.	Kingcome Nav. Co., Vancouver, B.C.
Faultless 122197 New Westminster	145 95	1908 Wood New Westminster...	Tug	Vancouver, B.C. 1-5-17 2nd Inspection. 18-2-18	H. G. R. A. E. H.	19-2-18 17-2-19	Screw 39·1	Vancouver and straits of Georgia.	Westminster Towing and Fishing Co., New Westminster.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Fearful	80	1912 Wood	Tug	Vancouver, B.C.		26-3-18	Screw	Vancouver and Straits of Georgia.	Canadian Tug Boat Co. Vancouver, B.C.
130494 New Westminster.	42	Fraser Mills, B.C.		1st inspection. 18-6-17	H.G.R.	24-3-19	28·2		
				2nd inspection. 25-3-18	H.G.R..	14-6-17			
Fearless	53	1898 Wood	Tug	New Westminster			Screw	Fraser river and straits of Georgia.	Joseph Mayers, New Westminster, B.C.
107247 New Westminster.	36	New Westminster		12-6-17	H. G. R.	6-6-18	13·5		
Felicia D	161	1914 Steel	Tug	Quebec, P.Q	J.A. S.	30-4-17	Screw	Quebec & St. Lawrence.	Sin-McNaughton Line, Montreal, P.Q.
134358 Montreal, P.Q.	80	Sorel, P.Q.		19-4-17		19-4-18	54		
Flamingo	266	1885 Steel	Fishing boat.	Vancouver, B.C.		9-2-18	Screw	Vancouver and Coasting, B.C.	Canadian Fishing Co., Vancouver, B.C.
91527 Yarmouth.	125	Hull, G.B.		9-2-18	H. G. R.	24-1-19	81·6		
				9-2-18	H. G. R.				
Florence	62	1881 Wood	Tug	Hull, Que.		23-4-17	Screw	Ottawa and Montreal...	Ottawa Transportation Co., Ottawa, Ont.
83072 Ottawa, Ont.	24	Rockland, Ont.		19-4-17	J. E. L.	19-4-18	34·7		
Florence	113	1885 Wood	Tug	Trenton		30-4-17	Screw	Lake Erie & Father Pt.	Canada Shipping Co., Montreal, P.Q.
88309 Montreal, P.Q.	30	Levis, P.Q.		19-4-17	T. P. T.	1-4-18	54		
Florence J. Graham	38	Wood	Fish. tug	Goderich, Ont	J. D	6-9-17	Screw	Lake Huron	John Andrew Graham, Goderich, Ont.
122616 Goderich, Ont.	26	Goderich, Ont.		30-8-17		30-8-18			
Florizel	3,081	1909 Steel	Pass.	New York, U.S.A.	N. A. C.	5-11-17	Screw	Foreign and Canadian..	N. Y. Newfoundland and Halifax S. S. Co., Liverpool, G.B.
125957 Liverpool, G. B.	1,980	Glasgow, G.B.	220	5-11-17	A. McD.	5-11-18	217·4		
				Halifax. 10-11-17					
Flushing	178	1882 Wood	Tug	St. John, N.B.		4-5-17	Screw	St. John river	D. Glasier and Son, St. John, N.B.
90751 St. John, N.B.	121	St. John, N.B.		14-4-17	C. E. D.	14-4-18	61·1		
Flyer	47	1899 Wood	Tug	New Westminster		31-5-17	Screw	Fraser river	Monarch Towing and Trading Co., New Westminster, B.C.
107712 New Westminster, B.C.	32	Vancouver, B.C.		80-5-17	H. G. R.	29-5-18	13·5		
Forager	90	1904 Wood	Freight	Victoria, B.C.		14-3-18	Screw	Victoria-Vancouver and Puget Sound ports.	Forager Trans. Co., Ltd., Victoria, B.C.
116412 Victoria, B.C.	57	Victoria, B.C.		12-3-18	B.M.	11-3-19	13·3		
Forest City	571	1891 Steel	Pass.	Port Arthur		24-7-17	Paddle	Port Arthur and Silver Islet.	Silver Islet Nav. Co., Fort William.
113897 St. Johns, Nfld.	449	Wilmington, Del.	416	27-6-17	W. J. V.	30-9-17	48		
				24-7-17	W. J. V.				
Fort Langley—	34	1913 Wood	Pass	New Westminster		30-6-17	Screw	New Westminster and Ruskin.	Brown, Headley and Stalker New Westminster.
130877 New Westminster.	23	Vancouver, B.C.	40	29-6-17	A.E. H.	18-6-18	4		
				29-6-17	A. E. H				
Fort McMurray	661	1915 Composite	Freight and Pass. 40	Vermilion Chutes, N.W.T.	J. T. M	6-6-17	Sternwheel	Vermilion Chutes to Fort McMurray.	Hudson's Bay Co., London, Eng.
134605 Winnipeg intended.	397	Fort McMurray.		6-6-17	J. T. M	6-6-18	9·6		
				6-6-17					

Frances Martin 126651 Midland, Ont.	27 13	1909 Wood Penetang, Ont.	Tug	Penetang, Ont. 25-9-17	G. M. A.	28-9-17 25-9-18	Screw 3·3	Penetang and Parry Sound, inside channel.	Wm. Martin, Penetang, Ont.
Francis Cutting 126897 Vancouver, B.C.	91 60	1887 Wood San Francisco, U.S.A.	Tug	Vancouver, B.C. 28-2-18	H. G. R.	28-2-18 15-2-19	Screw 14·3	Vancouver and Straits of Georgia.	Pulp & Paper Mills, Ltd., Vancouver, B.C.
Francis Idaho 130846 Vancouver, B.C.	14 10	1911 Wood Vancouver, B.C.	Tug	New Westminster 7-3-18	H. G. R.	8-3-18 17-2-19	Screw 6·5	Fraser river and New Westminster.	A. Gill et al, Vancouver, B.C.
Francis C 126454 Sorel, P.Q.	126 49	1909 Steel Sorel, P.Q.	Ferry 85	Sorel, P.Q. 16-4-17 19-4-17	F. X. H. P. D.	30-4-17 16-4-16	Screw 13·5	Sorel and Berthier	François Crépeau, Sorel, P.Q.
Frank B. Stevens 134517 Sarnia, Ont.	516 269	1867 Wood Buffalo, N.Y.	Freight	Pt. Huron, Ont. 10-10-17	W. E.	17-10-17 10-10-18	Screw 47·1	Point Iroquois and Father Pt.	American Transit Co., Ltd., Sarnia, Ont.
Frank G. McAuley 1071 Saugeen, Ont.	43 29	1898 Wood Saugeen ,Ont.	Fishing boat.	Port Stanley 12-10-17	J. B. S.	25-10-17 12-10-18	Screw 18·7	Lake Erie	N. S. Cornell, Port Stanley, Ont.
Frank H. Stanley 130238 Port Stanley, Ont	43 29	1912 Wood Port Stanley, Ont.	Fishing boat.	Port Stanley, Ont. 13-10-17	J. B. S.	20-10-17 13-10-18	Screw 10·6	Lake Erie	Moore and Stanton, Port Stanley, Ont.
Frank Marshall 112083 Kenora, Ont.	40 27	1903 Wood Kenora, Ont. 1912 Dryden.	Tug	Dryden, Ont. 8-10-17	W. J. V.	29-10-17 8-10-18	Screw 13·5	Lake Wabigoon	Dryden Lumber and Power Co., Dryden, Ont.
Frank Perew 70287 Montreal, P.Q.	43 24	1867 Wood Buffalo, N.Y. 1910 Rebuilt. Montreal.	Tug	Montreal, P.Q. 26-4-17	J. T. G.	7-5-17 26-4-18	Screw 15·4	Montreal hbr. and canal.	Railways and Canals Dept., Ottawa.
Frankie H. 116223 Quebec, P.Q.	17 8	1903 Wood	Tug	Restigouche 23-7-17	J.A.S.	3-7-17 23-7-18	Screw 14·1	Restigouche river	Chaleur Bay Mills, C. Point.
Fraserville 116715 Quebec.	51 35	1904 Steel Port Glassgow	Tug	Quebec, P.Q. 1-5-17	J. A. S.	1-5-17 1-5-18	Screw 16·6	Quebec harbour La Cie.	Sable Union Ltd., Quebec, P.Q.
Fred A. Lee 134379 Sault Ste. Marie, Ont.	65 32	1896 Wood Port Huron, Mich...	Tug	Sault Ste. Marie, Ont... 27-8-17	G. M. A...	Not issued..	Screw 14	St. Marys river	S. L. Penhorwood, Sault Ste. Marie, Ont.
Freddie V 80261 Yarmouth, N.S.	26 13	1881 Wood Yarmouth, N.S.	Fishing boat.	Yarmouth, N.S. 5-5-17	N. A. C.	10-5-17 5-5-18	Screw 13·5	Coasting	H. J. Garrison, St. John, N.B.
Fredericton 131137 Ottawa, Ont.	109 47	1913 Steel Toronto, Ont.	Tug	Shipegan, N.B 18-9-17	C. E. D.	20-9-17 18-9-18	Screw 27·3	Coasting	Public Works Dept., Ottawa, Ont.
Fred Glasier 103260 St. John, N.B.	10 7	1896 Wood Lincoln, N.B.	Tug	St. John, N.B. 25-4-17	C. E. D.	28-5-17 25-4-18	Screw 6	Inside Musquash Hd. and C. Spencer.	P. Glasier, Lincoln, N.B.
Frederick 112301 Winnipeg, Man.	36 27	1904 Wood Selkirk, Man.	Tug	Fort Frances 28-8-17	W. J. V.	31-8-17 28-8-18	Screw 10·6	Rainy River and Rainy Lake.	Shevlin Clark Lumber Co., Fort Frances.
Freno 133720 Vancouver, B.C.	94 64	Wood North Vancouver, B.C.	Tug	Vancouver, B.C. 1-3-18	A. E. H.	6-3-18 28-2-19	Screw 24	Vancouver and Points on Straits of Georgia.	Alfred Wallace, North Vancouver, B.C.
Friday (not registered), Winnipeg	39 26	1911 Wood Selkirk, Man.	Dredge Tender	Selkirk, Man. 17-5-17	W. J. V.	28-5-17 17-5-18	Screw 4·8	Red river	Dept. of Public Works, Ottawa, Ont.

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Frontenac 107668 Quebec, P.Q.	304 206	1899 Steel Levis, P.Q.	Ferry 550	Quebec, P.Q. 17-4-17 23-4-17	 J. A. S. P. D.	27-4-17 17-4-18	Screw 44·6	Quebec and Isle of Orleans.	La Cie Maritime Industrielle de Lévis, P.Q.
Frontenac 117767 Kingston, Ont.	111 64	1901 Wood Garden Isd., Ont. 1913 Rebuilt. Garden island.	Tug.	Portsmouth, Ont. 25-9-17	 T. P. T.	Not issued.	Screw 17·3		Jno. Donnelly, Kingston, Ont.
Frontenac 133909 Sorel, P.Q.	262 131	1901 Composite Sorel, P.Q	Tug.	Sorel, P.Q. 7-4-17 1-7-17	 F. X. H.	Not issued.	Twin screw 63	Montreal and Quebec.	Dept. of Marine and Fisheries, Ottawa.
G. B. Greene 103882 Ottawa, Ont.	255 218	1896 Steel 1917 Quyon, Que.	Pass. Tug. 370	Quyon, Que. 6-7-17 13-7-17	P. D. J. E. L. P.D.	23-7-17 6-7-18	Paddle 34·1	Lake Deschenes	Upper Ottawa Improvement Co., Ottawa.
G. D. Hunter 66912 St. John, N.B.	68 13	1873 Wood St. John, N.B. 1901 Rebuilt. St. John, N.B.	Tug.	St. John, N.B. 13-4-17	 C. E. D.	21-4-17 13-4-18	Screw 20	Inside C. Spencer and Musquash Hd.	Miss A. F. Gregory, St. John, N.B.
G. E. Foster 134744 Grimsby, Eng.	229 96	1912 Steel Selby, Eng.	Fishing boat.	Prince Rupert 18-5-17 18-5-17 2nd inspection— 8-1-18 28-2-18	 A. E. H. A. E. H.	Not issued.	Screw 58	Prince Rupert & Class in Coasting, B.C.	Atlin Construction Co., Victoria, B.C.
G. H. Harris 85353 Ottawa, Ont.	87 56	1882 Wood Hull, Que.	Tug.	Hull, Que. 19-4-17	A.F. J. E. L.	23-4-17 19-4-18	Screw 37	Ottawa and Montreal	Ottawa Transportation Co., Ottawa.
G. H. Notter 130935 Montreal, Que.	33 15	1882 Wood Hull, P.Q. (1912 Rebuilt. Grenville, P.Q.)	Tug.	Ottawa, Ont. 19-4-17	 J. E. L.	8-9-17 19-4-18	Screw 4·8	Ottawa harbour	W. C. Edwards Co., Ottawa, Ont.
G. K. King 103269 St. John, N.B.	45 31	1897 Wood Gondola Pt. 1908 Rebuilt. St. John, N.B.	Tug.	St. John, N.B. 27-8-17	 C. E. D.	28-8-17 27-8-18	Screw 15·5	Coasting	Mrs. C. A. Waring, St. John, N.B.
G. M. Stearns 134330 Chatham, N.B.	57 16	1914 Wood Chatham, N.B.	Tug.	Chatham, N.B. 25-7-17	 C.E.D.	30-7-17 25-7-18	Screw 16·7	Inside Escuminac village and northend of Portage Isd.	J. W. Brankley, Chatham, N.B.
G. R. Crowe 123324 Toronto, Ont.	2,940 2,347	1907 Steel Dundee, G. B. 1910 Rebuilt. Collingwood, Ont.	Freight	Halifax, N.S. 24-4-17 26-6-17	N.A.C. A. McD.	25-4-17 26-3-18	Screw 116·6	Canadian and Foreign	Monteyuma Transportation Co., Ltd. Toronto,
G. R. Geary 130313 Toronto, Ont.	199 135	1912 Steel Toronto, Ont.	Tug. Pass. 60	Toronto, Ont. 17-8-17 1-9-17	 J. B. S. W. E.	17-9-17 1-9-18	Screw 8·5	Toronto bay & Coasting.	Corporation of the City of Toronto, Ont.

G. R. Gray 134620 Sault Ste. Marie	268 121	1917 Wood Collingwood, Ont.	Freight	Collingwood 19-6-17 22-6-17	 G.M.A. S.D.A.	 22-6-17 22-6-17	Screw 43·2	All lakes and Rivers	Lake Superior Paper Co., Ltd., Sault Ste. Marie.
G. S. Mayes 133756 St. John, N.B.	110 75	1913 Wood St. John, N.B.	Tug. Pass. 15	Halifax, N.S. 23-10-17 25-10-17	J. D. M. A. McD.	25-10-7 25-10-18	Screw 41	Coasting	Beaver Dredging Co. St. John, N.B.
Gaetan 133829 Montreal, P.Q.	22 12	1913 Wood Grenville, P.Q.	Tug	Montreal, P.Q. 21-6-17	J. T. G.	Not issued.	Screw 3·3	Grenville & La Rouge	George Dansereau, Grenville, P.Q.
Gale Staple 134518 Sarnia.	2,167 1,293	1888 Wood Marine City, Mich.	Freight	Port Arthur 4 & 5-9-17 5-9-17	 W. J. V. W.J.V.	 10-9-17 5-9-18	Screw 83·7	Duluth & Port Colborne	John R. Smith, Fort William.
Gambler 126642 Port Dover, Ont.	25 17	1909 Wood 1917 Port Dover, Ont.	Fishing tug.	Port Dover, Ont. 13-11-17	 J. B. S.	15-11-17 13-11-18	Screw 3·3	Lake Erie	H. W. Ainsley, Port Dover, Ont.
Garland 85619 Detroit, Mich.	248 172	1880 Wood Detroit, Mich.	Ferry pass. 700	Detroit 9-5-17 Windsor, Ont. 13-6-17	 J. D. W. E.	16-6-17 12-4-18	Screw 26·6	Windsor and Vicinity	Detroit and Windsor Ferry Co., Detroit.
Garry 134253 Winnipeg, Man.	120 81	1914 Wood Selkirk, Man.	Fish. tug 15	Selkirk, Man. 22-5-17	W. J. V.	29-5-17 22-5-18	Screw 31·8	Selkirk & Poplar Point	Northwest Nav. Co., Selkirk, Man.
Gaspesian 70228 Quebec.	490 287	1874 Iron Newcastle, Eng. 1907.11 repaired.	Pass. 32 freight	Quebec 9-4-17 14-4-17	 J. A. S. P. D.	14-4-17 9-4-18	Screw 70	Montreal and Bay de Chaleur.	The Gaspé & Baie des Chaleurs SS. Co. Ltd., Quebec
Gaudiose 130527 Montreal, P.Q.	5 3	1911 Wood Verdun, P.Q.		Spider Lake 5-6-16	J.A.S.		Screw 1·2		Lake Megantic Pulp Co., Megantic, P.Q.
Gem 103684 Toronto, Ont.	35 24	1897 Wood Port Sydney, Ont. 1912 Rebuilt. Port Sydney, Ont.	Pass. 40	Port Sydney, Ont. 2-8-17	 S. D. A.	3-8-17 2-8-18	Screw 3·5	Port Sydney & Huntsville.	A. S. Smith, Port Sydney, Ont.
General Weitzell 107482 Sault Ste. Marie, Ont.	32 23	1881 Wood Buffalo, N.Y. 1914 Rebuilt. Wood. Sault Ste. Marie.	Tug	Sault Ste. Marie. 12-5-17	 G.M.A.	12-5-17 12-5-18	Screw 4·8	St. Marys river, Thessalon.	E. Owen, Sault Ste. Marie. Ont.
Gasoline Geneva 116966 St. Andrews, N.B.	14 6	1904 Wood Belfast, Me.	Pass.	St. John, N.B. 9-6-17 9-6-17	C. E. D. W. R. B.	18-7-17 9-6-18	Twin screw 1·2	St. John river & Trib.	Colwell Bros., St. John, N.B.
Geneva 117071 Toronto, Ont.	92 58	1905 Composite Orillia, Ont.	Pass. 215	Peterboro, Ont. 2-8-17 13-8-17	 T. P. T. W. E.	25-8-18 10-7-18	Screw 10·7	Trent Valley canal	W. Thomson, Orillia, Ont.
Geo. H. Jones 130221 Owen Sound.	71 48	1910 Wood Owen Sound.	Tug	Owen Sound 2-5-17	 G.M.A.	 Not issued.	Screw 10·66	Georgian Bay	A. W. Hopps & J. D. Hoyt t
Geo. W. Smith 131014 Quebec.	25 14	1903 Composite Levis.	Tug	Val. Brilliante 28-8-17	 J.A.S.	10-9-17 10-10-17	Screw 3·3	Lake Matapedia	J. Henderson Co., Soyabec.
George A. Graham 131051 Port Arthur.	2,410 1,498	1891 Steel Chicago, Ill.	Freight.	Fort William, Ont. 26-5-17 23-4-17	 W. J. V. S. D. A.	31-5-17 26-5-18	Screw 154	Port Colborne and Duluth.	Montreal Transportation Co., Montreal, P.Q.
George Bothwell 133933 Ottawa, Ont.	71 42	1913 Wood Buckingham, Que.	Pass. frt. 40	Buckingham, P.Q. 20-8-17 12-7-17	T. G. J. P. D.	27-8-18 20-8-18	Screw 13·5	Buckingham to High Falls.	Lievre River Nav. Co., Buckingham, P.Q.
George Emmerson 122437 Sault Ste. Marie	32 21	1888 Wood Buffalo, N.Y. 1916 rebuilt. S. Ste-Marie	Tug	Sault Ste. Marie. 12-5-17	 G. M. A.	6-6-17 12-518	Screw 8·5	Thessalon to Goulais bay	The Lake Superior Paper Co., Ltd.

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George D. Morrison	23	1905 Wood	Fishing	Port Stanley, Ont.	J.B.S.	Not issued.	Screw	Lake Erie	Wm. Morrison, Kincardine, Ont.
111197 Southampton, Ont.	16	Kincardine, Ont.	boat.	12-9-17			3·08		
George F. Piper	70	1904 Wood	Tug	Arrowhead, B.C.		30-5-17	Screw	Arrowlakes	Bowman Lumber Co., Comatlin, B.C.
116411 Victoria, B.C.	48	Nakusp, B.C.		24-5-17	W. J. C.	23-5-18	16·7		
George W. Cuyler	56	1880 Wood	Tug	Little Current, Ont.		Not issued.	Screw	Beaverstone & Sault St. Marie. North channel.	B. H. Turner, Little Current, Ont.
111809 Sault Ste. Marie.	38	West Bay City. 1910 Rebuilt. West Bay City.		16-7-17	G. M. A.		6·5		
Georges William	52	1913 Wood	Tug	Chicoutimi Basin		Not issued.	Screw	Saguenay River	J. Tremblay & A. Chicou.
Chicoutimi.	26	Escoumain.		11-8-17	H.A.S.		19·9		
Geraldine Wolvin	1,472	1917 Wood	Freight	Vancouver				Foreign going Trade	Canadian W. Coast Nav. Co. Vancouver, B.C.
138354 Vancouver.	1,259	N. Vancouver.		19-5-17	H.G.R.	19-5-17	Twin screw		
				19-5-17	H.G.R.	17-5-18	18		
Germania	106	1903 Steel	Tug	Vancouver, B.C.	H. G. R.	26-9-17	Screw	Port Mann and Patricia Bay.	The Victoria Whaling Co., Toronto, Ont.
131310 Liverpool.	41	Christiana, Nor.		21-9-17		12-9-18	30·4		
Gipsy	35	1906 Wood	Tug	Charlton, Ont.		Not issued	Screw	Long lake	Dominique Legault, Charlton, Ont.
122074 Toronto, Ont.	24	Toronto, Ont.		27-5-17	J. E. L.		2·4		
Gipsy	12	1902 Composite	Yacht	Killarney		19-7-17	Screw	Collins Inlet & Vicinity.	Collins Inlet Lumber Co., Toronto.
112386 Toronto.	8	Toronto.		19-7-17	G.M.A.	19-7-18			
Gladiator	70	1864 Wood	Pass. tug.	Dartmouth, N.S.		28-11-17	Screw	Coasting and Halifax harbour.	Gladiator Company, Halifax.
61393 Sydney, N.S.	37	Brooklyn, N.Y. 1892 Rebuilt. Sydney, N.S.	100 hbr.	7-11-17	D. J. M.	17-11-18	27·8		
				28-11-17	A. McD.				
Gladys	9	1899 Wood	Tug	Atlin, B.C.		19-6-17	Screw	Atlin lake	Inland Trading Co., Victoria, B.C.
107722 Vancouver, B.C.	6	Jersey City, U.S.A.		19 6 17	A. F.	18-6-18	4·1		
Gleaner	241	1899 Wood	Pass. frt	Carcross, T. T.		21-7-17	Stern wheel	Carcross and Taku Lake	British Yukon Nav., Ltd., Victoria, B.C.
107526 Victoria, B.C.	149	Bennett lake.	100	21-7-17	A. F.	20-7-18	8		
				21-7-17	A. F.				
Gleeful	88	1913 Wood	Tug	Vancouver, B. C.		4-3-18	Screw	Vancouver and Straits of Georgia.	Canadian Tug boat Co. Vancouver.
130876 New Westminster, B.C.	44	Vancouver, B.C.		4-3-18	H. E. H.	1-3-19	22·5		
Glenada	65	1905 Wood	Pass. frt	Burks Falls, Ont.		6-8-17	Screw	Magnetawan river	A. A. Agar, Burks Falls, Ont.
116768 Toronto, Ont.	44	Magnetawan, Ont.	47	19-7-17	J. T. G.	19-7-18	10-6		
				1-8-17	S. D. A.				
Glen Allan	276	1912 Composite	Freight	Hull, P.Q.					
130645 Ottawa, Ont.	112	Kingston, Ont.		19-4-17	J. E. L.	19-7-17	Screw	Lake Ontario and St. Lawrence river.	Ottawa Transportation Co., Ottawa, Ont.
				Point Fortune. 10-7-17	P. D.	19-4-18	20·2		

Glenboro	74	1912 Wood	Tug	Vancouver, B.C.		14-2-18	Screw	Vancouver and Straits of Georgia.	H. Wilbur and J. Speedy, Vancouver, B.C.
130800 Vancouver, B.C.	50	Vancouver, B.C.		13-2-18	H. G. R.	1-2-19	13·5		
Glen Erie	43	1909 Wood	Fishing tug.	Port Stanley, Ont.		21-9-17	Screw	Lake Erio	John Price, Port Stanley, Ont.
121958 Port Stanley, Ont.	29	Port Stanley, Ont.		11-9-17	J. B. S.	11-9-18	16·6		
Glen Finnan	2,406	1893 Steel	Freight	Midland, Ont.					
126659 Midland, Ont.	1,472	Cleveland, Ohio.		13-4-17	G. M. A.	5-5-17	Screw	All lakes and rivers	Great Lakes Trans. Co., Midland, Ont.
				26-4-17	S. D. A.	26-4-18	195·4		
Glenlivet	1,860	1891 Steel	Freight	Port Stanley		7-5-17	Screw	All lakes and rivers.	Great Lakes Trans. Co., Midland, Ont.
134261 Midland, Ont.	1,089	Cleveland, Ohio.		9-4-17	J. B. S.	12-4-18	111·3		
				12-4-17	W. E.				
Glen Lyon	2,759	1893 Steel	Freight	Collingwood, Ont.		23-4-17	Screw	Lakes and rivers	Great Lakes Trans. Co., Midland, Ont.
126660 Midland, Ont.	1,641	West Bay City, Mich.		6-4-17	G. M. A.	14-4-18	144·6		
				14-4-17	S. D. A.				
Glenmount	1,957	1907 Steel	Freight	Cleveland		12-5-17	Screw	Duluth and Port Colborne.	Montreal Trans. Co., Montreal.
122408 Montreal, P.Q.	1,246	Dumbarton, G.B.		4-4-17	T. P. T.	9-4-18	132		
Glenshee	5,667	1908 Steel	Freight	Tiffin, Ont.		23-4-17	Screw	Port Colborne and Fort William.	Great Lakes Trans. Co., Midland.
134511 Sarnia, Ont.	3,788	Cleveland, U.S.A.	Pass 10.	13-4-17	G. M. A.	20-4-18	180		
				Midland.	S. D. A.				
				20-4-17					
Glenora	17	1900 Wood	Fishing tug.	Rossport		Not issued	Screw	Jackfish & Nipigon Straits.	Eli Bruley, Rossport.
107941 St. Catharines	10	Port Eric.		14-8-17	W.J.V.		1·8		
Glide	78	1882 Wood	Tug	Kingston, Ont.		28-4-17	Screw	Sheltered waters of River St. Lawrence and Bay of Quinte.	Montreal Trans. Co., Montreal, P.Q.
169 Kingston, Ont.	37	Kingston, Ont.		25-4-17	T. P. T.	1-4-18	32·7		
		1917 Rebuilt. Kingston, Ont.							
Glide	80	1883 Wood	Tug	Calumet, Que.		31-8-17	Screw	Hawkesbury and La Rouge.	Wm. Lawlor, Hawkesbury, Ont.
85368 Ottawa, Ont.	59	Ottawa, Ont.		23-8-17	J. T. G.	23-8-18	4·8		
Gasoline Glympse	9	1908 Wood	Pass. 10.	Sparrow lake		22-8-17	Screw	Sparrow lake and Severn river.	F. & A. Stanton, Sparrow lake, Ont.
126123 Kingston, Ont.	6	Kingston, Ont.		21-8-17	S. D. A.	21-8-18	3·6		
Goldfield	56	1912 Wood	Fishing tug.	Winnipeg		28-5-17	Screw	Lake Winnipeg	Chas. Finlay, Port Stanley.
134252 Winnipeg	38	Selkirk.		18-5-17	W.J.V.	18-5-18	13·5		
Gopher	198	1910 Iron	Tug	Halifax, N.S.		26-7-17	Screw	Coasting and Halifax	Quebec Salvage & Wrecking Co., Montreal, P.Q.
131308 Quebec, P.Q.	4	Gaxton, G.B.		19-7-17	D. J. M.	19-7-18	89·8		
				19-7-17	A. MeD.				
Gordon Brown	33	1901 Wood	Tug	Port Stanley, Ont.		21-9-17	Screw	Lake Erie	G. H. Jackson, *et al*, Port Stanley, Ont.
94716 Port Stanley, Ont.	22	Port Stanley, Ont.		11-9-17	J. B. S.	11-9-18	13		
Governor	5,250	1907 Steel	Freight	Victoria, B.C.		18-3-18	Twin screw	Seattle-Victoria-San Francisco.	Pacific Coast SS.. Co., New York, N.Y.
204314 New York, N.Y.	2,401	Camden, N.J.	pass.	15-3-18	B. M.	12-12-18	479·7		
			608	15-3-18	W. J. C.				
Governor Carleton	581	1907 Wood	Ferry	St. John, N.B.	C. E. D.	13-7-17	Screw	St. John and St. John west.	City Corporation, St. John, N.B.
130631 St. John, N.B.	395	Saunderstown, R.I.	502 pass.	5-6-17	W. R. B.	5-6-18	52·8		
				13-7-17					
Governor Dingley	3826	1899 Steel	Pass	Boston, Mass.					
96483 Bath, Me.	2856	Chester, Pa.	812	1-6-17	C. E. D.	7-6-17	Screw	St. John to Boston and coastwise.	Eastern SS. Co., Boston, Mass.
				1-6-17	W. R. B.	6-6-18	254·9		
Grace Dormer	66	1868 Wood	Pass	Port Huron, Mich.					
10997 Port Huron, Mich.	49	Buffalo, N.Y.	170	18-9-17	J. T. G.	27-9-17	Screw	Sarnia and Pt. Huron	Port Huron & Sarnia Ferry Co., Port Huron, Mich.,
		1904 Port Huron.		25-9-17	W. E.	8-9-18	5·6		
Grace M	61	1905 Wood	Tug	Gravenhurst, Ont.		22-6-17	Screw	Muskoka lakes	Mickle & Dyment, Gravenhurst, Ont.
121703 Toronto, Ont.	27	Gravenhurst, Ont.		29-5-17	J. T. G.	29-5-18	10·6		

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Gracio	41	1906 Wood	Tug Fishing	Port Arthur, Ont.		6-8-17	Screw	Port Arthur and Rossport.	Jno. Maloney, Port Arthur, Ont.
116366 Port Arthur, Ont.	28	Goderich, Ont.		3-8-17	W. J. V.	3-8-18	13·5		
Gracie, B.	20	1904 Wood	Tug	Fort Francis	W.J.V.	16-10-17	Screw	Rainy River & Lake	Jas. Harty, Fort Francis.
116686 Kenora.	14	Kenora.		29-8-17		29-8-18	1·56		
Grainer	144	1909 Wood	Freight	Victoria, B.C.		24-9-17	Screw	Victoria and Fraser river	Butler Freight Towing Co., Victoria, B.C.
126506 Victoria, B.C.	88	Victoria, B.C.		22-9-17	W. J. C.	21-9-18	18·8		
Granby No. 1	1431	1875 Wood	Tow	Myex, B.C.	A.F.	Not issued.		B.C. Coast, C.T., No. 4.	Granby Consol. & Smelt Co.
133879 Vancouver, B.C.	1291	Bath, Maine, U.S.A.	Barge.	5-12-17					
Grand Island	222	1910 Steel	Pass.	Grand Isd. Tonawanda		11-7-17	Twin Screw	Niagara River	Grand Island Ferry Co. Grand Island.
207917 Buffalo.	151	Buffalo.	Ferry.	5-7-17	J.B.S.	27-11-17	15		
Grand Ligne	70	1907 Wood	Tug	Quebec	J.A.S.	Not issued.	Screw	Maitland & Father Pt.	Frs. Lemoine, Maitland.
126153 Montreal.	38			1-6-17					
Grand Manan	363	1911 Wood	Pass. Frt.	St. Stephen, N.B.					
130245 Liverpool, N.S.	180	Liverpool, N.S.	173	24-5-17	C. E. D.	28-5-17	Screw	Coasting	Grand Manan SS. Co., Grand Manan.
				24-5-17	W. R. B.	24-5-18	31·8		
Grand Rapids	438	1905 Wood	Freight	Selkirk, Man.	W. J. V.				
112308 Winnipeg, Man.	297	Selkirk, Man.	Pass.	22-5-17	W. J. V.	29-5-17	Screw	Selkirk and Warren Ldg.	North West Nav. Co., Winnipeg, Man.
		1913 rebuilt. Selkirk, Man.	90	22-5-17		22-5-18	39·8		
Granville	140	1909 Wood	Pass	Annapolis, N.S.	N. A. C.		Screw	Annapolis and St. John, N.B. Coasting.	Valley Steamship Co., Granville Ferry, N.S.
122587 Yarmouth, N.S.	59	Shelburne, N.S.	12	12-4-17		16-4-17	24		
				12-4-17		13-4-18			
Gravenhurst	29	1902 Wood	Tug	Burks Falls, Ont.	A. McD.	24-7-17	Screw	Maganetawan river	A. Agar, Burks Falls, Ont.
102172 Toronto, Ont.	20	Gravenhurst, Ont.		19-7-17	J. T.G.	19-7-18	8·3		
Gravel King	120	1915 Wood	Sand Sucker	Chatham	J.D.	Not issued.	Screw	Thames River	
112195 Chatham.	82	Chatham.		20-9-17			4·8		
Gray	707	1909 Steel	Freight and passengers	Victoria		12-4-17	Screw	Victoria & Queen Charlotte Isl.	Victoria Whaling Co., Ltd., Toronto.
124395 Workington, U.K.	280	Workington U.K.	50	7-4-17	B.M.	6-4-18	85		
				12-4-17	B.M.				
Great Western	1080	1866 Iron	Car ferry	Windsor, Ont.		18-10-17	Paddle	Windsor and Detroit	Grand Trunk Ry., Montreal, P.Q.
80576 Windsor, Ont.	662	Walkerville, Ont.	Pass. 287	6-10-17	J. D.	5-10-18	129		
				Windsor, Ont. 11-10-17	W. E.				
Guiana	3657	1907 Steel	Passenger	New York		31-10-17	Screw	New York and West Indies.	Canada SS. Co.
125603 London, G.B.	2294	Sunderland, G.B.	152	29-31-10-17	N.A.C.	31-10-18	252		
				31-10-17	A.M.				
Gunhild	27	1906 Wood	Govt. serv.	Victoria, B.C.		18-1-18	Screw	Victoria Williams Head Quarantine Tender.	Dept. of Agriculture, Ottawa.
130757 Vancouver, B.C.	18	Quartermaster Head U.S.A.		1-7-18	W. J. C.	12-1-19	10		

Gypsy	27	1905 Wood	Tug	Vancouver, B.C.		31-1-18	Screw	Rock bay and Granite Point.	B. C. Mels. Tug & Barge Co., Ltd., Vancouver, B.C.
117120 Vancouver, B.C.	18	Vancouver, B.C.		30-1-18	H. G. R.	20-1-19	5·6		
H. F. Bronson	137	1870 Wood	Tug	Kingston, Ont.		12-5-17	Twin screw	Brighton and Montreal sheltered waters.	Montreal Transportation Co., Montreal.
43 of 1870, Montreal, P.Q.	70	Montreal, Que. 1899 rebuilt. Kingston, Ont.		5-5 15	T. P. T.	15-4-18	57·2		
H. M. Pellatt	1592	1903 Steel	Freight	Goderich, Ont.			Screw	Lakes, &c	Wm. Peterson, Newcastle-on-Lyne, G.B.
114446 Newcastle, G.B.	1038	Port Glasgow, G.B.		14-4-17	J. D.	12-5-17	163·7		
				22-4-17	W. E.	13-4-18			
H. N. Jex	440	1868 Wood	Freight	Kingston, Ont.			Screw	Lake Ontario ports and Kingston.	Jno. Sowards, Kingston, Ont.
137982 Kingston, Ont.	230	Cleveland, U.S.A.		14-4-17	T. P. T.	28-4-17	58·9		
		1917 rebuilt. Kingston, Ont.		14-4-17	M. R. D.	14-4-18			
H. P. Bigelow	46	1893 Wood	Pass. 80	Monstown, N.Y.		24-7-17	Screw	Morristown and St. Lawrence river.	Brockville and Morristown Transp. Co., Morristown.
96269 Ogdensburg, N.Y.	37	Baldwinsville, N.Y.		12-7-17	T. P. T.	29-6-18	8·4		
		1912 rebuilt. Alexandra Bay, N.Y.		12-7-17	M. R. D.				
H. Fors	38	1915 Wood	Fishing tug.	Port Hope, Ont.		25-8-17	Screw	Not more than 1 hour's run out of Port Hope.	Inkster & Misner, Collingwood, Ont.
138003 Port Arthur, Ont.	21	Rossport, Ont.		21-8-17	T.P.T.	1-7-18	8·4		
Haddington	1603	1904 Steel	Freight	Toronto, Ont.		7-5-17	Screw	Coasting and Inland	Matthews SS. Co., Toronto. Ont.
116764 Toronto, Ont.	1010	Toronto, Ont.		6-4-17	J. B. S.	16-4-18	87		
				16-4-17	W. E.				
Ha Ha	38	1913 Wood	Tug	Chicoutimi, P.Q.		Not issued.	Screw	Saguenay river.	Jos. Page, Chicoutimi, P.Q.
131017 Quebec, P.Q.	22	St. Alphonse, Que.		11-8-17	J. A. S.		16·6		
Halifax	1874	1888 Steel	Frt.	New York, N.Y.		20-4-17	Screw	Halifax and Boston	Canada Atlantic and Plant SS. Co., Halifax, N.S.
95099 Halifax, N.S.	1077	Glasgow, G.B.		10-5-17	C.E.D	19-5-18	350		
				10-5-17	W. R.B.				
Halifax (Lightship)	396	1904 Steel	Lightship.	Dartmouth		Not issued.	Screw	Coasting	Minister of Marine.
116994 Ottawa.	269	Toronto.		31-10-17	D.J.M.		17·6		
				8-11-17	D.J.M.				
Halifax	595	1911 Steel	Ferry	Dartmouth, N.S.		20-10-17	Twin screw	Halifax harbour	Dartmouth Ferry Com. Dartmouth, N.S.
129590 Halifax, N.S.	268	Old Kilpstrick, Scot.	470	17-10-17	A. M. D.	17-10-18	48		
				19-10-17					
Hall	247	1889 Composite	Freight	Montreal, Que.		10-5-17	Screw	Ottawa and Montreal	Ottawa Transportation Co., Ottawa.
96715 Ottawa, Ont.	136	Montreal.		27-4-17	J. E. L.	27-4-18	7·5		
		1902 rebuilt. Ottawa.	9	Montreal, P.Q	P. D.				
				10-5-17					
Hamilton	319	1896 Steel	Tug	Chenaux Boom, Ont.		Not issued.	Paddle	Chats lake	Upper Ottawa Improvement Co., Ottawa Ont.
108842 Ottawa.	201	Sand Point, Ont.		22-5-17	J. E. L.		61·4		
Hamiltonian	2347	1912 Steel	Freight	Port Arthur, Ont.	W. J. V.	30-4-17	Screw	Duluth & Father Pt.	Western Drydock and Shipbuilding Co., Ltd., Port Arthur, Ont.
131052 Port Arthur, Ont	1667	Port Arthur, Ont.		11-4-17		30-4-18	119-10		
				Ft. William, Ont.	W. J. V.				
				30-4-17					
Hamonic	5265	1909 Steel	Pass.	Sarnia, Ont.	J. D.	12-5-17	Screw	Duluth & Port Colborne	Canada Steamship Lines Ltd., Montreal, P.Q.
122553 Collingwood, Ont.	3295	Collingwood, Ont.	500	26-4-17	W. E.	25-4-18	363·5		
				30-4-17					
Hampton	183	1906 Wood	Freight and	St. John, N.B.		26-4-17	Stern wheel	St. John River & tributaries.	P. B. Belyea, M.O.
121837 St. John, N.B.	115	St. John, N.B.	Passenger.	25-4-17	C.E.D.	25-4-18	34		
			286	25-4-17	W.R.B.				
Harbinger	109	1901 Wood	Freight and	St. John, N.B.		18-4-17	Screw	Coasting	C. W. Rockwell, R Hebert.
107348 Yarmouth, N.S.	46	Shelburne, N.S.	Pass.	14-4-17	C. E. D.	14-4-18	16·7		
			19	14-4-17	W. R. B.				
Harland	352	1908 Wood	Freight	Charlottetown		10-7-17	Twin screw	Charlottetown to Crapaud.	Island Tug Co., Charlottetown, P.E.I.
122580 Yarmouth, N.S.	217	Shelburne, N.S.	Pass.	4-7-17	C. E. D.	4-7-18	33·3		
			95	4-7-17	W. R. B.				

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Haro	233	1908 Wood	Tug	Vancouver, B.C.		5-11-17	Screw	Vancouver and Straits of Georgia.	B. C. M. T. and B. Co., Vancouver, B.C.
130304 Vancouver, B.C.	159	Vancouver, B.C.		5-11-17	W. J. C	4-11-18	39·1		
Harold Dollar	4,377	1910 Steel	Freight	Vancouver, B.C.	H. G. R.	6-9-17	Screw	Vancouver and foreign ports.	Dollar Steamship Lines Ltd. Victoria, B.C.
129531 Victoria, B.C.	2,823	Dumbarton, G.B.	Pass. 8	30-8-17 30-8-17	H. G. R.	28-8-18	231		
Harrison	221	1909 Wood	Pass	Owen Sound		17-5-17	Screw	All Lakes and rivers	Jno. Harrison and Sons, Owen Sound, Ont.
126053 Owen Sound, Ont.	149	Owen Sound, Ont.	Tug 15	3-5-17 3-5-17	G. M. A. S. D. A.	3-5-18	46·4		
Harry E. Packer	1183	1882 Wood	Freight	Montreal, P.Q.		1-10-17	Screw	Great Lakes	Chatham S.S. Co., Quebec, P.Q.
116815 Cobourg, Ont.	810	Cleveland, Ohio.		10-4-17 26-9-17	J. T. G. P. D.	10-4-18	99·1		
Harry S	20	1897 Wood	Tug	Vancouver, B.C.		15-2-18	Screw	Vancouver and Straits of Georgia.	A. P. Allison, & T.J. Moyes, Green Points Rapids, B.C.
130918 Vancouver, B.C.	14	Seattle, U.S.A.		15-2-18	H. G. R.	8-2-19	8·2		
Harvey, H	53	1915 Wood	Tug	Toronto		27-4-17	Screw	Toronto Harbour	Can. Stewart Co., Toronto.
134460 Toronto.	32	Collingwood.		20-4-17	J.D.	20-4-18	6·53		
Harwood	23	1909 Wood	Tug	Fenelon Falls		25-8-17	Screw	Trent Valley canal	Railways and Canals Dept., Ottawa.
130372 Peterboro, Ont.	15	Peterboro, Ont.		16-8-17	T. P. T.	15-7-18	1 2		
Hattie Berry	42	1908 Wood	Fishingboat	Port Stanley, Ont.		Not issued.	Screw	Lake Erie	Wm. Barry, Port Stanley, Ont.
121955 Port Stanley.	29	Collingwood, Ont.		13-10-17	J. B. S.		10 6		
Hazel B	40	1904 Wood	Pass. and	Sturgeon Falls, Ont.	J. T. G.	31-8-17	Screw	Lake Nipissing	W. T. Windsor, Sturgeon Falls, Ont.
117101 Ottawa, Ont.	25	North Bay, Ont.	Freight, 40	14-7-17 21-8-17	M. R. D.	14-7-18	2·1		
Hazel Dollar	4,304	1905 Steel	Freight	Vancouver, B.C.	A. E. H.	13-10-17	Screw	Vancouver and foreign ports.	Dollar Steamship Co., Victoria, B.C.
121212 Victoria, B.C.	2,804	Port Glasgow, G.B.	Pass. 6	13-10-17 13-10-17	A. E. H.	1-10-18	243·8		
Heathcote	2345	1898 Steel	Freight	Halifax, N.S.	N. A. C.		Screw	Coasting	H. McInnis, Halifax, N.S.
129040 Sydney, N.S.	1594	Sunderland, G.B.		15-4-16	A. McD.		210	Mountain, N.S.	
Hebron	352	1899 Wood	Freight	Lachine, P.Q		11-5-17	Screw	Lachine & Caughnawaga	Montreal, Valleyfield and Soulanges Nav. Co., Lachine, P.Q.
107613 Montreal, P.Q.	227	Ottawa, Ont. 1910 rebuilt. Montreal, P.Q.		23-4-17 10-5-17	J. T. G. P. D.	23-4-18	7·5		
Hector	21	1898 Wood	Tug	Montreal, P.Q.		25-6-17	Screw	Montreal & Oka	Montreal Sand and Gravel Co., Montreal.
103962 Montreal.	14	Sorel, P.Q.		25-6-17	J. E. L.	25-6-18	12·3		
Hector	66	1903 Wood	Tug	Port Colborne			Screw	Welland Canal & Lake Erie Coasting.	M. J. Hogan Port Colborne.
112051 St. Catharines.	45	Port Colborne.		1-5-17	J.B.S.	27-9-17 1-5-18	13·33		
Helena	299	1907 Steel	Tug	St. John, N.B.		7-6-17	Screw	Coasting	Dept. Public Works, Ottawa.
133758 St. John, N.B.	204	Collingwood, Ont.		19-5-17	C. E. D.	19-5-18	83·9		

Helen Glasier 112228 St. John, N.B.	12 8	1903 Wood 1917 St. John, N.B.	Tug	Fredericton, N.B 13-8-17	 C. E. D.	30-8-17 13-8-18	Screw 6	Inside Musquash Hd. & Cape Spencer.	D. D. Glasier & Sons, St. John, N.B.
Helen S. 107695 Toronto, Ont.	86 58	1899 Composite Collins Inlet, Ont.	Tug Pass. 4	Killarney, Ont. 19-7-17 8-8-17	 G. M. A. S. D. A.	16-8-17 19-7-18	Screw 17·3	North channel and Georgian bay.	Collins Inlet Lumber Co., Toronto.
Henriette 112254 Vancouver, B.C.	762 518	1874 Iron Unknown.	Freight and Pass, 12	Vancouver, B.C 22-9-17 22-9-17	 H. G. R. H. G. R.	30-9-17 18-9-18	Twin screw 32	Vancouver and Prince Rupert.	Coastwise S.S. & Barge Co., Ltd., Vancouver, B.C.
Henry B. Hall 138094 Montreal, P.Q.	1,190 618	1881 Wood 1906 Detroit, Mich.	Freight	Montreal, P.Q. 27-4-17 17-4-17	J. E. L. P. D.	27-4-17 27-4-18	Screw 95·2	Montreal and Lake Erie.	Adolf Lomer, Montreal, P.Q.
Henry F. Jelly 133793 Port Stanley, Ont.	30 20	1915 Wood Port Stanley, Ont.	Fish tug	Port Burwell, Ont. 15-10-17	 J. B. S.	23-10-17 15-10-18	Screw 9·4	Lake Erie	N. S. Cornell, Port Stanley, Ont.
Henry Pedwell 126058 Owen Sound, Ont.	186 156	1909 Wood 1916 Lions Head, Ont.	Pass Tug 5	Owen Sound, Ont. 18-6-17 22-10-17 2nd inspection	S. D. A. S. D. A.	30-10-17 22-10-18	Screw 19·9	Owen Sound and Providence Bay.	Tyndall & Tackaberry, Lions Head, Ont.
Hercule 116607 Montreal, P.Q.	45 28	1904 Wood Sorel, P.Q.	Tug	Melocheville, P. Q. 25-4-17	 J. T. G.	Not issued	Screw 13·3	Montreal, Oka & Cedars	Canadian Sand and Gravel Co., Montreal.
Hercules 111448 Ottawa, Ont.	21 13	1901 Wood Pembroke, Ont.	Warp Tug	Pembroke 23-5-17	 J. E. L.	31-5-17 23-5-18	Paddle 2·7	Fort William boom	Upper Ottawa Improvement Co., Ottawa, Ont.
Hercules 122217 Toronto, Ont.	234 137	1906 Steel Toronto, Ont.	Tug	Collingwood, Ont. 8-5-17	G. M. A.	18-5-17 8-5-18	Screw 65·9	Great Lakes	Dept. Public Works, Ottawa, Ont.
Hero 94751 St. John, N.B.	128 81	1889 Wood St. John, N.B.	Tug	St. John, N.B. 21-5-17	 C. E. D.	14-6-17 21-5-18	Paddle 44·9	Inside Musquash harb'r and Cape Spencer.	D. D. Glasier and Son, St. John, N.B.
Hero No. 1 133861 New Westminster.	31 21	1902 Wood Ballard, Wash.	Tug	Vancouver, B.C. 22-2-18	 A. E. H.	22-2-18 21-2-19	Screw 13·2	Vancouver and Straits of Georgia.	Wm. D. Grant and Angus J. Macdonald.
Hiawatha 72982 Sarnia, Ont.	163 110	1874 Wood Dresden. 1887 Rebuilt. Sarnia, Ont. 1917 Port Huron, Mich.	Pass 300	Port Huron, Mich. 26-9-17 28-6-17	 J. D. W. E.	 28-6-17 26-6-18	Screw 14	Amherstburg and Port Huron.	Sarnia Tug and Transit Co., Sarnia, Ont.
Hiawatha 100768 Toronto, Ont.	46 31	1895 Steel Toronto, Ont.	Yacht	Toronto, Ont. 19-6-17	 J. B. S.	19-6-17 19-6-18	Screw 8·1	Toronto bay	Royal Canadian Yacht Club, Toronto, Ont.
Hiawatha 103801 Pictou, N.S.	49 34	1904 Wood Pictou, N.S.	Pass Ferry. 40	Pictou, N.S. 7-5-17 8-5-17	 N. A. C. A. McD.	9-5-17 7-5-18	Screw 8·2	Pictou and Pictou Landing.	T. R. Powell, Pictou, N.S.
Hi da 116783 Vancouver, B.C.	33 22	1904 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 25-8-17	 H. G. R.	29-8-17 17-8-18	Screw 8·2	Vancouver and Straits of Georgia.	Champion and White, Vancouver, B.C.
Hilma 130252 Windsor, N.S.	31 21	1913 Wood Hantsport, N.S.	Freight tug.	Hantsport, N.S. 21-6-17	 N. A. C.	22-6-17 21-6-18	Screw 13·5	Minas Basin, not beyond Cape Split.	W. H. McKinley, Hantsport, N.S.
Hilford 122426 Halifax, N.S.	38 26	1908 Wood Tancook, N.S.	Tug	North Sydney, N.S. 19-6-17	 D. J. M.	27-6-17 9-5-18	Screw 8·2	Sydney harbour Quarantine service.	Alex. Gordon, North Sydney, N.S.
Hillsborough 97079 Charlottetown.	229 66	1894 Wood Mt. Stewart. P.E.I.	Ferry Pass 106	Charlottetown, P.E.I. 4-7-17 4-7-17	 C. E. D. W. R. B.	10-7-17 4-7-18	Paddle 30·4	Charlottetown to Rocky Point.	Provincial Govt., Charlottetown, P.E.I.

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Hippolyta II	14	1915 Wood	Pass Ferry.	Yarmouth, N.S.		10-7-17	Screw	Halifax and Woodside	Imperial Oil Co., Halifax, N.S.
134165 Yarmouth, N.S.	12	Comeauville, N.S.	78	10-7-17 9-7-17	N. A. C. A. McD.	9-7-18	2		
Hiram Robinson	203	1910 Steel	Tug	Arnprior, Ont.		31-5-17	Screw	Chats lake	Upper Ottawa Improvement Co., Ottawa.
126530 Ottawa, Ont.	118	Sand Point, Ont.		22-5-17	J. E. L.	31-5-18	37·5		
Hochelaga	4,681	1912 Steel	Freight	St. Johns, Nfd.		22-2-18	Screw	Foreign going	Hochelaga S.S. Co., Sydney, N.S.
132818 Montreal.	2,601	Middlesboro. G.B.		9-2-18 7-2-18	D. J. M. A. McD.	7-2-19	264·7		
Home	439	1900 Steel	Pass.	Halifax, N.S.			Screw	Sydney and Pt. au Basque.	Reed Nfld. Steamship Co., St. Johns, Nfld.
113024 St. Johns, Nfld.	200	Glasgow, G.B.		28-8-16	A. McD.		99		
Home Rule	81	1890 Wood	Tug	Port Colborne, Ont.		Not issued.	Screw	Toronto to Lake Erie Ports.	Canada Steamship Ltd., Montreal.
97001 St. Catharines.	45	Thorold, Ont. 1914 Rebuilt. Fort William, Ont.		26-11-17	J. B. S.		16·1		
Homer Warren	447	1863 Wood	Freight	Wiarton, Ont.		11-9-17	Screw	Great Lakes	Peninsula Tug and Towing Co., Wiarton, Ont.
130222 Owen Sound, Ont.	304	Cleveland, Ohio. 1901 Rebuilt. West Bay City, Mich.		15-8-17 Manitowaning, Ont. 23-6-17	G. M. A. S. D. A.	15-8-18	73·5		
Hong Kong	36	1897 Wood	Fish Tug.	Rivers Inlet, B.C.		25-9-17	Screw	Rivers Inlet, B.C.	Kildala Packing Co., Vancouver, B.C.
103897 New Westminster.	25	New Westminster		28-5-17	A. E. H.	26-5-18	9·1		
Hoosier		Wood	Tug	Baldwinville 25-3-17	T.P.T.	Not issued.	Screw 4		Stewart & Co., Baldwinville.
Hope	12	1910 Peterboro Boat Co. 1916 L. G. Conbear.	Fire Patrol services.	Fort Smith, N.W.T.		Not issued.	Screw	Slave River, Class IV.	Dom. Govt. Forestry Branch
	8	Wood		21-6-17	J.T.M.				
Hope	78	1882 Wood	Tug	Esquimalt B.C.	W.J.C.	28-2-18	Screw	Coasting	Vancouver Ltd. Towing Co., Victoria, B.C.
85368 Victoria, B.C.	45	Seattle, U.S.A. 1906-16, Victoria, B.C.		18-2-18		17-2-19	8·2		
Hope	26	1912 Wood	Tug	Rivers Inlet		29-5-17	Screw	Rivers Inlet, B.C.	C. F. Todd, Victoria, B.C.
117007 Victoria, B.C.	18	Richardson, U.S. A.		26-5-17	A. E. H.	25-5-18	8·2		
Hopkins	62	1910 Wood	Tug	Vancouver		26-3-18	Screw	Vancouver and South Vancouver Isd.	G. S. Hopkins *et al*, Vancouver, B.C.
130294 Vancouver, B.C.	42	Vancouver, B.C.		35-3-18	A. E. H.	2-3-19	14·1		
Hosmer	154	1909 Wood	Tug	Nelson, B.C.	W. J. C.	16-5-17	Screw	Nelson and Keslo	Can. Pacific Ry., Montreal.
126551 Vancouver, B.C.	105	Nelson, B.C.	Pass. 7	16-5-17 15-5-17	W. J. C.	14-5-18	36		
Howard, W.	1,517	1891 Wood	Freight	Quebec		24-4-17	Screw	Lake Erie & Father Pt.	L. C. Webster, Montreal
133821 Montreal.	924	Green Bay Mich.		12-4-17 23-4-17	J.A.S. P.D.	12-4-18	96		

Hudson 100181 Montreal, P.Q.	158 80	1891 Composite Sorel, P.Q.	Tug	Sorel, P.Q. 25-4-17	 F. X. H.	18-6-17 25-4-18	Paddle 74·7	Montreal and Quebec	Sin-McNaughton Line, Montreal, P.Q.
Hugh D. 122582 Yarmouth, N.S.	71 26	1908 Wood Shelburne, N.S.	Freight	Yarmouth, N.S. 18-8-17	 N. A. C.	21-8-17 18-8-18	Screw 24	Coasting and Yarmouth.	H. Cann and Sons, Yarmouth, N.S.
Hugh Stalker 122558 Collingwood, Ont	43 29	1911 Wood Collingwood, Ont.	Fishing tug.	Collingwood, Ont 30-11-17	 G. M. A.	Not issued..	Screw 10·9	Georgian bay	Geo. Stalker, Collingwood, Ont.
Huron 71216 Sarnia, Ont.	1,052 688	1875 Iron Pt. Edward.	Car Ferry..	Windsor, Ont. 6-10-17 11-10-17	 J. D. W. E.		Twin screw 60·8	Windsor and Detroit	G. T. Railway, Montreal.
Huronic 107168 Collingwood, Ont	3,329 2,211	1902 Steel Collingwood, Ont.	Pass 355 535 R.	Pt. Edward, Ont. 26-4-17 27-4-17	J. D. W. E.	12-5-17 25-4-18	Screw 245	Duluth and Port Colborone.	Canada S.S. Lines, Ltd., Montreal, P.Q.
Hygeia 100460 Sydney, N.S.	58 39	1886 Wood Levis, P.Q.	Pass Ferry. 125	Sydney, N.S. 4-5-17 4-5-17	 D. J.M. A. MeD.	16-5-17 4-5-18	Screw 30	Sydney and N. Sydney.	Cape Breton Electric Co., Sydney, N.S.
Iagara 111761 Kingston, Ont.	7 5	1901 Wood Kingston, Ont.	Yacht	Port Carling, Ont, 17-8-16	 G.M.A.		Screw 5	Muskoka lakes	Geo. V. Forman, Buffalo, N.Y.
Iberville 133908 Sorel, P.Q	121 43	1896 Steel Sorel, P.Q.	Tug	Sorel, P.Q. 14-4-17	 F. X. H.	Not issued..	Screw 43·6	St. Lawrence river	Dept. Marine and Fisheries, Ottawa.
Ida E. 126222 Montreal, P.Q.	285 135	1887 Wood Oskosh, Wis.	Freight	Montreal, P.Q. 29-4-16 17-5-16	 J. T. G. P. D.		Screw 10·8	Montreal and Ottawa river.	River Sand Co., Ltd., Montreal, P.Q.
Ida II 122634 Kingston.	17 11	1906 Wood Kingston	Yacht	Beaumaris 31 5-17	 J.T.G.	5-9-17 31-5-18	Screw 9	Muskoka Lakes	Isaac Fairhall.
Ida Lue 103188 Yarmouth	45 30	1896 Wood Shelburne...	Tug	Sydney 23-9-17	 D.J.M.	28-9-17 23-9-17	Screw 11	Sydney Harbor	A. M. Fraser Edwardville, C.B.
Idell 100135 Winnipeg, Man.	54 37	1893 Wood Selkirk, Man. 1913 Rebuilt. Selkirk, Man.	Fishing tug.	Selkirk, Man. 22-5-17	 W. J. V.	7-6-17 22-5-18	Screw 16·7	Selkirk and Norway House.	North West Nav. Co., Selkirk Man.
Idler 116865 Ottawa, Ont.	51 32	1904 Wood Hawkesbury, Ont.	Tug & Sand Pump.	Montreal, P.Q. 27-4-16	 J. T. G.		Stern wheel 4·2	Ottawa river	The River Sand Co., Montreal, P. Q.
Imbricaria 99710 Vancouver.	150 66	1893 Beverley York.	Fishing. Boat.	Vancouver 11-9-17	 H.G.R	12-9-17 10-9-18	Screw 45	Coastal Class IV	Can. Fish Co., Ltd., Vane.
Imp 122199 Vancouver, B.C.	56 34	1908 Wood New Westminster.	Tug	Vancouver, B.C. 4-9-17	 H. G. R.	6-9-17 3-9-18	Screw 12·9	Vancouver and points on Straits of Georgia.	C. A. Thompson, Vancouver B.C.
Imperial 108346 Sarnia, Ont.	796 412	1898 Steel Wellington-on-Tyne.	Freight	Collingwood, Ont. 11-4-17 17-4-17 2nd inspection Sarnia, Ont. 28-3-18	G. M. A. S. D. A. G. P. P. J. D.	29-3-18 27-3-19	Screw 99·6	Lakes and rivers	Imperial Oil Co., Sarnia, Ont.
Imperial 121945 Sorel, P. Q.	1,099 578	1906 Steel Sorel, P.Q.	Pass 835	Sorel, P.Q. 3-5-17 11-5-17	F. X. H. P. D.	18-5-17 3-5-18	Paddle 38·5	Montreal and Three Rivers.	Charles Migneault Montreal, P.Q.
Imperoyal 135209 Sarnia, Ont.	2,253 1,381	1913 Steel Grangemount, G.B.	Freight	North Vancouver, B.C. 22-1-18 21-1-18	 H. G. R. H. G. R.	24-1-18 20-1-19	Screw 157·7	Vancouver, B. C., and foreign ports.	Imperial Oil Co., Sarnia, Ont.

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Ina	14	1901 Composite	Freight	Gravenhurst, Ont		22-6-17	Screw	Muskoka lakes	R. Lazzaro, Bracebridge, Ont.
111577 Toronto, Ont.	10	Toronto, Ont.	Supply boat	24-5-17	J. T. G.	29-5-18	2·6		
Ina	27	1904 Wood	Tug	Parry Sound, Ont			Screw	Parry Sound and Midland.	Galna and Danta, Parry Sound, Ont.
116759 Parry Sound, Ont.	18	Parry Sound, Ont.		19-7-16	G. M. A.		6		
India	976	1899 Wood	Freight	Kingston, Ont.		28-4-17	Screw	Ft. William and Father Pt.	Montreal Trans. Co., Montreal, P.Q.
107735 Montreal, P.Q.	573	Garden Island.		2-4-17	T. P. T.	2-4-18	118		
				19-4-17	M. R. D.				
Inland	1,889	1894 Steel	Freight	Port Huron			Screw	Gt. Lakes and Sydney	Lake and River Trans. Co., Montreal, P.Q.
130440 Sarnia, Ont.	1,098	Cleveland, Ohio. 1914 Rebuilt. Port Huron, Mich.		13-4-16	J. D.		146·8		
				22-4-16	W. E.				
International	851	1872 Iron	Car ferry	Sarnia, Ont		27-9-17	Twin screw	Sarnia and Pt. Huron	J. H. Walker, Walkerville, Ont.
96849 Sarnia, Ont.	559	Ft. Erie, Ont.	10	18-9-17	J. D.	17-9-18	60		
				24-9-17	W. E.				
Inverness	67	1895 Wood	Fishing tug	Canso, N. S.		16-5-17	Screw	Coasting	Maritime Fish Co., Canso, N.S.
107323 Halifax, N.S.	46	West Mystic, U.S.		12-5-17	D. J. M.	12-5-18	18·4		
Iocolite	2,060	1916 Steel	Freight	Sarnia, Ont					
134514 Sarnia, Ont.	1,549	Collingwood, Ont.		10-11-17	J. D.	13-11-17	Screw	Inland and Coasting	Imperial Oil Co., Toronto Ont.
				10-11-17	S.D.A.	13-9-18	95·6		
Iocoma	1,669	1912 Steel	Freight	Sarnia, Ont		29-3-18	Screw	Lakes and rivers	Imperial Oil Co, Sarnia, Ont.
132745 Sarnia, Ont.	1,035	Dundee, Scot.		2-4-17	J. D.	37-3-19	84		
				18-4-17	W. E.				
				2nd inspection. 27-3-18	J. D.				
Iona	29	1904 Wood	Fishing	Meaford, Ont		7-11-17	Screw	Georgian bay	H. McInnes, Meaford, Ont.
112338 Collingwood, Ont.	20	Meaford, Ont.	boat.	13-9-17	G. M. A.	12-9-18	9·6		
Ionic	1,708	1872 Iron	Freight	Sorel P.Q.		28-4-17			
116954 Sarnia, Ont.	1,030	Buffalo, N.Y.		28-4-17	F. X. H.	28-4-18	Twin screw	Father Point & Duluth.	Northern Nav. Co., Collingwood, Ont.
				20-4-17	P. D.		125·9		
Ireno	10	1897 Wood	Tug	Newcastle, N.B.		30-7-17	Screw	Inside Esquimac Village and north end of Portage Isd.	Jas. Robinson, Derby, N.B.
103932 Chatham, N.B.	7	Pt. Hawkesbury.		26-7-17	C. E. D.	26-7-18	6		
Iroquois	2,359	1902 Steel	Pass.	Collingwood, Ont.		25-4-17	Screw	Lakes and rivers	Canada Steamship Lines Ltd., Montreal, P.Q.
111855 Toronto, Ont.	1,452	Toronto, Ont.	Freight. 8	10-4-17	G. M. A.	24-4-18	107		
				24-4-17	S. D. A.				
Iroquois	307	1907 Composite	Pass.	Lake of Bays, Ont.		Not issued.	Screw	Lake of Bays	Lake of Bays and G. S. Nav. Co., Huntsville, Ont.
116850 Owen Sound, Ont.	198	Portage Lake of Bays, Ont.		2-6-17	J. T. G.		28·1		
Iroquois	1,170	1901 Steel	Freight	Victoria, B.C.		23-1-18	Screw	Victoria and Seattle	Puget Sound Nav. Co., Seattle, U.S.A.
100730 Port Townsend	796	Toledo, U.S.A.	Pass. 515	11-4-17	W. J. C.	22-1-19	160·6		
				2nd inspection 23-1-18	W. J. C.				

Isaac 117002 New Westminster, B.C.	14 9	1904 Wood Port Guichon, B.C.	Tug	New Westminster 12-9-17	 A. F. H.	12-9-17 11-9-18	Screw 5·6	Fraser river	Avery and Holmes, New Westminster, B.C.
Island Belle Alexandria Bay, N.Y.	89 66	1879 Wood 1915 Alexandria Bay.	Pass. 300	Ogdensburg, N.Y. 25-6-17 11-7-17	 T. P. T. M. R. D.	24-7-17 8-6-18	Screw 25·6	St. Lawrence, Cape Vincent and Massena	Holmes Bros., Redwood, N.Y.
Islander 111567 Toronto, Ont.	165 78	1900 Wood Gravenhurst, Ont.	Pass. 150	Gravenhurst, Ont. 23-4-17 Pt. Carling 13-6-17	 J. D. S. D. A.	24-7-17 23-4-18	Screw 13·5	Muskoka lakes	Muskoka Lakes Nav. Co., and Hotel Co., Toronto, Ont.
Island Queen 75642 Toronto, Ont.	129 88	1905 Wood Bronte, Ont.	Ferry pass. 336	Toronto, Ont. 29-5-17 9-5-17	 J. B. S. W. E.	29-5-17 9-5-18	Screw 16·6	Toronto bay	Toronto Ferry Co., Toronto, Ont.
Isobel 111796 Pictou, N.S.	24 20	1906 Wood Port Hawkesbury.	Pass. 35	Pictou, N.S. 1-6-17 3-7-17	 N. A. C. A. McD.	4-7-17 1-6-18	Twin screw 2·4	Pictou and New Glasgow.	G. Fraser, New Glasgow, N.S.
Ivanhoe 122547 Vancouver, B.C.	181 123	1908 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 23-8-17	 H. G. R.	27-8-17 22-8-18	Screw 39·1	Vancouver and Kingcome Island.	Kingcome Nav. Co., Vancouver, B.C.
Ivy Clark 126523 Ottawa, Ont.	28 20	1907 Wood Sturgeon Falls, Ont.	Tug	Sturgeon Falls 17-7-17	 J. T. G.	26-9-17 17-7 18	Screw 2·1	Lake Nipissing	C. W. Clark, Sturgeon Falls, Ont.
J. A. McKee 125442 Sault Ste. Marie, Ont.	2,158 1,375	1908 Steel Newcastle, Eng.	Freight	Collingwood, Ont. 9-5-17 12-5-17	 G. M. A. S. D. A.	19-5-17 12-5-18	Screw 147·5	Lakes and rivers	Algoma Steel Corp'n. Ltd., Sault Ste. Marie, Ont.
J. A. Mumford 117167 Windsor, N.S.	116 9	1903 Wood Spencer Isd., N.S.	Tug	Hantsport, N.S. 22-3-16	 N. A. C.		Screw 41·6	Windsor and coastwise	Gypsum Packing Co., Windsor, N.S.
J. B. Ketchum, 2nd 130435 Montreal, P.Q.	1,109 763	1892 Steel Toledo, Ohio.	Freight	Trenton, Ontt 18-4-17 16-4-17	T. P. T. M. R. D.	28-4-17 16-4-18	Screw 72·4	Fort William and Father Point.	Canada Shipping Co., Montreal, P.Q.
J. B. McColl 126721 Peterboro, Ont.	24 16	1908 Wood Lakefield, Ont.	Tug	Frankford, Ont. 6-9-17	 T. P. T.	14-8-17 10-7-18	Screw 2·13	Trent canal	Dept. Railways and Canals, Ottawa.
J. C. Else 134267 Midland, Ont.	23 15	1915 Steel Midland.	Tug	Waubaushene, Ont. 18-9-17	 G. M. A.	1-10-17 18-9-18	Screw 3·7	Waubaushene harbour and vicinity.	Georgian Bay Lumber Co., Waubaushene, Ont.
J. C. Stewart 137896 Toronto, Ont.	112 30	1915 Steel Ferrysburg, Mich.	Pass. tug. 29	Toronto, Ont. 14-5-17	 W. E.	14-5-17 14-5-17	Screw 36	Toronto harbour	Canadian Stewart Co., Ltd., Toronto, Ont.
J. C. Miller 12660 Chatham, N.B.	33 8	1910 Wood Douglastown, N.B.	Tug	Chatham, N.B. 24-7-17	 C.E.D.	30-7-17 24-7-18	Screw 12	Inside Escuminac village and North end of Portage Isd.	W. B. Snowball, Chatham, N.B.
J. D. Hamill 112335 Collingwood, Ont.	111 76	1904 Wood Meaford, Ont. 1913 John Island.	Pass. tug. 25	Cutler, Ont. 1-9-17 27-8-17	 G. M. A. S. D. A.	10-9-17 27-8-18	Screw 20·9	John Isl'd. Little Current and Blind river.	Jno. Island Tug Co., John Island, Ont.
J. D. Morrison 112179 Port Arthur, Ont.	116 79	1907 Wood Collingwood, Ont.	Tug	Port Colborne, Ont. 7-8-17	 J. B. S.	7-8-17 7-8-18	Screw 32	Lake Erie ports	Great Lakes Dredging Co., Port Arthur, Ont.
J. D. Schofield 126089 St. Catharines.	51 31	1910 Wood Port Robinson, Ont.	Tug	Port Colborne, Ont. 22-8-17	 J. B. S.	27-8-17 22-8-18	Screw 10·8	Welland canal and lake.	G. & C. Ross, Port Robinson, Ont.
J. Frater Taylor 130776 Sault Ste. Marie.	3,429 2,030	1901 Steel Lorain, Ohio.	Freight	Pt. McNicoll 18-8-17 27-4-17	G. M. A. S. D. A.	5-5-17 27-4-18	Screw 169·1	All lakes and rivers	Algoma Central and Hudson Bay Railway, Sault Ste. Marie.
J. G. Whiterbee 122251 Quebec, P.Q.	164 78	1872 Iron Philadelphia, U.S.	Tug	Montreal, P.Q. 8-5-16 27-4-17	 J. E. L.		Screw 49·3	St. Lawrence river	Dept. Public Works, Ottawa.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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J. H. G. Hagarty 134250 Toronto, Ont.	7,462 5,704	1914 Steel Collingwood, Ont.	Freight pass. 10.	Port McNicoll, Ont 17-4-17 19-4-17	 G. M. A. S. D. A.	23-4-17 19-4-18	Screw 217 7	Port Colborne and Duluth.	Canada Steamship Line Ltd., Montreal, P.Q.
J. H. Hackett 111619 Quebec.	117 80	1901 Wood Quebec, P.Q.	Tug	Trenton, Ont. 20-4-17	T. P. T.	30-4-17 1-4-18	Screw 34·6	Lake Erie and Father Pt.	Canada Shipping Co., Montreal, Que.
J. Howard 122626 Chatham, N.B.	16 11	1908 Wood Newcastle, N.B.	Fish boat	Newcastle, N.B. 26-7-17	 C. E. D.	30-7-17 26-7-18	Screw 6	Miramichi river	T. W. Crocker, Newcastle, N.B.
J. H. McDonald 107170 Collingwood.	41 28	1902 Wood Collingwood, Ont.	Tug	Victoria Harbour, Ont. 19-9-17	 G. M. A.	13-5-18 19-9-18	Screw 13·5	Blind river and Killarney.	Waldie Bros., Toronto, Ont.
J. H. Plummer 114447 Newcastle, Eng.	1,582 992	1903 Steel Lowwalker-on-Tyne, G.B.	Freight	Hamilton, Ont 16-4-17 20-4-17	J. B. S. W. E.	7-5-17 20-4-18	Screw 147·5	Duluth and Father Point.	Wm Peterson, Newcastle-on-Tyne, Ont.
J. H. Wade 134616 Sault Ste. Marie, Ont.	2,301 1,389	1890 Steel Cleveland, Ohio.	Freight	Tiffin 13-4-17 Midland 26-4-18	G. M. A. S. D. A.	5-5-17 26-4-18	Screw 111·3	All Lakes and rivers.	Jas. Hawson, Treas. Algoma Steel Corp., Sault Ste. Marie, Ont.
J. L. Nelson 107333 Halifax, N.S.	38 19	1899 Wood Yarmouth, N.S.	Tug	Halifax, N.S. 27-9-17	 D. J. M.	29-9-17 27-9-18	Screw 8·5	Coasting	Minister, Marine and Fisheries.
J. M. Diver 116397 Sarnia, Ont.	48 33	1904 Wood Sarnia, Ont.	Tug	Quebec, P.Q. 3-7-17	 J. A. S.	3-7-17 3-7-18	Screw 17·06	Quebec harbour	Quebec H'br. Commissioners, Quebec, P.Q.
J. M. Smith 112309 Winnipeg, Man.	179 104	1905 Wood Winnipeg, Man.	Pass. 330	Winnipeg, Man. 13-6-17 13-6-17	 W. J. V.	Not issued	Stern pdl 4	Red river	W. H. Hall, Winnipeg, Man.
J. O. B. 126607 Chatham, N.B.	35 13	1910 Wood Chatham, N.B.	Tug	Newcastle, N.B. 26-7-17	W. J. V. C. E. D.	30-7-17 26-7-18	Screw 16·3	Inside Exuminac village North of Portage Isd.	John O'Brien, Nelson, N.B
J. R. Binning 138226 Montreal, P.Q.	58 31	1916 Wood Sorel, P.Q.	Tug	Port Colborne 10-4-17	 J. B. S.	14-5-17 10-4-18	Screw 24·1	Welland canal and Lake Erie.	The Canada Steamship Lines.
J. R. Spear 122273 Winnipeg, Man.	71 48	1909 Wood Totogan, Man.	Fish tug	Selkirk, Man. 23-5-17	 W. J. V.	29-5-17 22-5-18	Screw 13·5	Georges Isd. and Poplar Point.	Northern Fish Co., Selkirk, Man.
J. S. Rayside 133936 Ottawa.	49 28	1913 Wood Montebello, P.Q.	Tug	Montebello, P.Q. 23-8-17	 T. G.	Not issued	Screw 17·1	Ottawa & Grenville	Owens Lumber Co., Ltd., Montebello, P.Q.
J. W. Bennett 131055 Port Arthur, Ont.	108 64	1912 Wood Port Arthur, Ont.	Tug	Port Arthur, Ont. 26 7-17	 W. J. V.	17-8-17 26-7-18	Screw 30·6	Not more than 100 miles from Port Arthur or 15 miles off shore.	Superior Sand and Towing Co., Port Arthur, Ont.
J. W. Brankley 134327 Chatham, N.B.	61 19	1914 Wood Chatham, N.B.	Tug	Chatham, N.B. 23-7-17	 C. E. D.	30-7-17 23-7-18	Screw 16·7	Miramichi river	J. W. Brankley, Chatham, N.B.

James Beard 80343 Port Huron, Mich.	87 68	1873 Wood Aux Sable, Mich.	Ferry Pass. 170	Port Huron, Mich 4-5-17 Sarnia 1-5-17	J. D. W. E.	26-5-17 20-4-18	Screw 9·6	Sarnia & Port Huron	Port Huron and Sarnia, Ferry Co., Port Huron, Mich.	
James Carruthers 134746 Grimsby, Eng.	233 97	1912 Steel Beverly, Eng.	Fishing boat.	Prince Rupert, B.C. 17-5-17 8-1-18 17-5-17 2nd inspection 26-2-18	A. E. H. A. E. H.	Not issued	Screw 58	Coasting & Prince Rupert.	Atlin Cons. Co., Victoria, B.C.	
James Holly 111511 St. John, N.B.	31 21	1901 Wood St. John, N.B.	Tug	St. John, N.B. 12-7-17	C. E. D.	12-7-17 12-7-18	Screw	Inside Musquash Hd. & Cape Spencer.	James Holly & Sons, St. John, N.B.	
James Howden 133902 Sorel, P.Q.	117 66	1902 Wood Sorel, P.Q.	Tug	Sorel, P.Q. 10-4-17	F. X. H.	Not issued	Twin screw 48	Montreal and Quebec	Dept. Marine and Fishories, Ottawa.	
James H. Shrigley 134512 Sarnia, Ont.	534 400	1881 Wood Milwaukee, U.S.	Freight	Port Dalhousie, Ont. 17-4-17 18-4-17	J. B. S. W. E.	7-5-17 18-4-18	Screw 65·3	All lakes and rivers	W. C. Thompson,-Port Arthur, Ont.	
James McKeown 96844 Sarnia, Ont.	36 24	1893 Wood Sarnia, Ont.	Tug	Blind River, Ont. 31-8-17	G. M. A.	Not issued	Screw 4·8	Blind river	Blind River Trans. Co., Blind River, Ont.	
James Neilson 116941 Chatham, N.B.	31 21	1904 Wood Chatham, N.B.	Tug	Chatham, N.B. 27-7-17	C. E. D.	30-7-17 27-7-18	Screw 8·7	Inside Excumenac village, north end of Portage Isd.	J. P. Burchill, Nelson, N.B.	
James Playfair 100943 Port Burwell, Ont.	26 18	1894 Wood Collingwood, Ont. 1911 Rebuilt. Port Burwell. Ont,	Fishing boat.	Pt. Burwell, Ont. 17-10-17	J. B. S.	Not issued	Screw 8·1	Lake Erie	C. C. Moulton, Pt. Burwell, Ont.	
James Reid 116398 Sarnia, Ont.	180 120	1875 Steel Wilmington, U.S.A. Rebuilt 1910.	Tug	Sarnia, Ont. 4-5-17	J. D.	12-5-17 4-5-18	Screw 94·5	Lakes, etc	Reid Wrecking Co., Ltd., Sarnia, Ont.	
Jas. W. Follette 116816 Cobourg, Ont.	756 541	1881 Wood Gibraltar, Mich. 1912 Rebuilt. Tonawanda, Ont.	Freight	Cobourg, Ont. 1-5-17 2-5-17	T. P. T. M. R. D.	15-10-17 1-5-18	Screw 8·8	Erie and Saguenay	The Plunkett Nav. Co., Cobourg, Ont.	
James Whalen 121709 Port Arthur, Ont.	313 156	1905 Steel Toronto, Ont.	Tug	Fort William, Ont. 22-8-17	W. J. V. G. P. P.	Not issued	Screw 66·6	Father Pt. & Duluth	Canadian Towing & Wrecking Co., Port Arthur, Ont.	
Jean Macnamara 138069 Ottawa.	41 26	1916 Steel Ottawa.	Warp Tug	Arnprior 22-5-17	J.E.L.	28-6-17 22-5-18	Screw 6·6	Chat Lake	McLachlin Bros., Arnprior.	
Jean Steedman 134658 Victoria, B.C.	1,577 1,253	1917 Wood Victoria, B.C.	Freight	Victoria 23-1-18 23-1-18	B.M. B.M.	19-2-18 22-1-19	Twin screw 18	Can. and Foreign Ports.	Canada West Coast Nav. Co., Vancouver.	
Jeanne Alice 138105 Montreal, P.Q.	60 29	1910 Wood Valleyfield, P.Q.	Freight	Montreal, P.Q. 23-7-17	P. D.	Not issued	Screw 1·6	Verdun & Le Torture	Leon Lewis and Algide Alie Valleyfield, P.Q.	
Jericho 130791 Vancouver.	44 30	1911 Wood N. Vancouver.	Tug	Vancouver 6-2-18	A.E.H.	8-2-18 5-2-19	Screw 8	Vancouver Harbour, Class IV, C.T.	A. G. Balkwill, Vancouver.	
Jeska 126128 Kingston, Ont.	189 107	1909 Composite Kingston, Ont.	Freight	Kingston, Ont. 21-4-17 14-4-17	T. P. T. M. R. D.	12-6-17 21-4-18	Screw 16·7	Oswego and Ottawa	McKenzie & Sowards, Kingston, Ont.	
Jessie Hall 70288 Port Arthur.	57 29	1867 Buffalo, N.Y. 1910 S. Ste. Marie, O Wood.	Tug	Fort William 1-6-17	W.J.V.	11-6-17	Screw 34·6	Port Arthur and Jackfish.	Hugh Keefer, Port Arthur.	
Jessie Hume 97009 St.Catharines, Ont.	58 40	1894 Wood St. Catharines, Ont.	Tug	Sorel, P.Q. 4-5-17	F. X. H.	Not issued	Screw 8.5	St. Lawrence river	Marine and Fisheries Dept., Ottawa.	
Jessie Mac 117115 Vancouver, B.C.	57 39	1905 Wood Vancouver.	Tug	Vancouver 11-4-17	H.G.R.	19-4-17 1-4-18	Screw 13	Vancouver & Georgia Sta., Class IV, C.T.	J. McDowell, Vancouver B.C.	

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Jessie Norcross	1,481	1917 Wood	Freight	N. Vancouver		27-6-18	Twin screw	Foreign Trade	Canada West Navigation Co., Vancouver.
138368 Vancouver, B.C.	1,268	N. Vancouver, B.C.		25-27-6-17 25-27-6-17	H.G.R. H.G.R.	24-6-18	36·4		
Jim and Tom	33	1907 Wood	Fishing tug	Port Dover, Ont		30-7-17	Screw	Lake Erie	T. H. Low, Port Dover, Ont.
100268 Port Dover, Ont.	22	Collingwood, Ont.		26-7-17	J. B. S.	26-7-18	10·6		
Joe	57	1890 Wood	Pass	Lake of Bays, Ont	J.T.G.	25-7-17	Screw	Lake of Bays	Huntsville, Lake of Bays and Lake Simoe, Nav. Co., Huntsville, Ont.
115572 Toronto, Ont.	39	Huntsville, Ont.	9	18-7-17 1-6-17	S. D. A.	1-6-18	8·8		
Joffre	32	1916 Wood	Tug	Rimouski River		Not issued	Screw	Rimouski Wharf and River.	G. Gamache Bic.
	19	Bic.		25-8-17	J.A.S.		9·7		
Joffre D	38	1914 Wood	Tug	Sorel, P.Q.		21-5-17	Screw	Montreal hbr. & canals.	A. Desrochers, Sorel, P.Q.
133957 Sorel, P.Q.	18	Sorel, P.Q.		25-4-17	F. X. H.	25-4-18	13·6		
John	19	1885 Steel	Ferry	Carillon, P.Q.		17-7-17			
111670 Montreal, P.Q.	13	Point Fortune, P.Q.	10	10-7-17 Pt. Fortune 10-7-17	J. E. L. P. D.	10-7-18	Screw 2·1	Carillon and Pt. Fortune	T. Martin, Pt. Fortune, P.Q.
John A. Minor	40	1913 Wood	Tug	Keewatin		28-5-17	Screw	Lake of the Woods	Keewatin Lumber Co., Keewatin.
130714 Kenora.	27	Kenora		15-5-17	W.J.V.	15-5-17	3·3		
John E. Monk	58		Tug	Amherstburg		20-8-17	Screw	1 hours run from sheltered waters.	Chas. R. Hackett, Amherstburg.
130387 Amherstburg.	40			16-8-17	J.D.	16-8-18	9·9		
John E. Russell	26	1902 Wood	Tug	Toronto, Ont.		25-10-17	Screw	Toronto harbour & Vicinity.	Toronto Harbour Commissioners, Toronto.
111805 Toronto, Ont.	17	Sault Ste. Marie.		24-10-17	V. B. S.	24-10-18	10·2		
John H. Sprott	110	1911 Wood	Ferry	Mission, B.C.	H. G. R.	3-10-17	Screw.(Turn.)	Fraser river at Mission, B.C.	Dept. Public Works, Victoria, B.C.
130758 Vancouver, B.C.	75	Victoria, B.C.	40	2-10-17 2-10-17	H. G. R.	1-9-18	4		
John Haggart	184	1887 Wood	Frt	Little Current, Ont.		Not issued	Screw	North channel	T. C. Sims, Little Current, Ont.
92387 Kingston, Ont.	104	Perth, Ont.		17-7-17	G. M. A.		8		
John Hancock	43	1908 Wood	Pass	Granville, N.S.		16-4-17	Screw	Annapolis and Granville Ferry.	B. Dolan, Annapolis, N.S.
126013 Annapolis, N.S.	30	Granville, N.S.	25	12-4-17 12-4-17	N. A. C. A. McD.	12-4-18	3·3		
John Hanlan	37	1884 Wood	Pass	Toronto, Ont.	J. B. S.	9-6-17	Screw	Toronto bay	L. Solman, Toronto, Ont.
85519 Toronto, Ont.	25	Pt. Dalhousie, Ont.	175	25-4-17 6-6-17	W. E.	16-6-18	4		
John J. Noble	33	1901 Wood	Fishing tug	Sault Ste. Marie		Not issued	Screw	Lake Superior	Dominion Fish Co., Winnipeg, Man.
107136 Goderich, Ont.	23	Goderich, Ont.		10-5-17	G. M. A.		13·8		
John L. Cann	166	1891 Wood	Pass	Yarmouth, N.S.		19-7-17	Screw	Yarmouth and St. John.	H. Cann & Son, Yarmouth, N.S.
97037 Yarmouth, N.S.	84	Yarmouth, N.S.	19	14-7-17 14-7-17	N. A. C. A. McD.	14-7-18	34·6		

John Logie 94917 Saugeen.	37 25	1893 Wood Goderich, Ont. 1900 Rebuilt. Wiarton, Ont.	Fishing tug.	Southampton, Ont 27-8-17	J. D.	2-10-17 27-8-18	Screw 13·5	Lake Huron	Jno. Logie, Southampton, Ont.
John McRae 112339 Collingwood, Ont	34 23	1905 Wood Meaford, Ont.	Fishing tug.	Killarney, Ont 19-7-17	G. M. A.	Not issued	Screw 10·6	Georgian bay	A. J. Lowe, Killarney, Ont.
John Pratt 130521 Montreal, P.Q.	166 79	1910 Steel Sorel, P.Q.	Tug	Sorel, Que 23-4-17	F. X. H.	9-5-17 23-4-18	Screw 54	Montreal harbour	Sincennes-McNaughton Line, Montreal.
John R. Moore 130233 Port Stanley, Ont.	63 43	1911 Wood Port Stanley, Ont.	Fishing boat.	Port Stanley, Ont 15-10-17	J. B. S.	Not issued	Screw 6·5	Lake Erie	J. R. Moore, Port Stanley, Ont.
John R. Stover 130431 Sarnia, Ont.	94 45	1911 Steel Collingwood, Ont.	Tug. Pass. 7	Blind River, Ont 31-8-17 27-8-17	G. M. A. S. D. A.	27-8-18 27-8-18	Screw 27·3	Blind River and Sault St. Marie.	Blind River Towing Co., Blind River.
John Randall 117121 Kingston, Ont.	133 53	1905 Composite Kingston, Ont.	Freight	Kingston, Ont 28-4-17	T. P. T.	4-5-17 15-4-18	Screw 13·5	Lake Ontario and Rideau canal.	Harold F. Randall, Seeley Bay, Ont.
John Rolph 88241 Toronto, Ont.	421 212	1882 Wood Deseronto, Ont. 1908 Rebuilt. Toronto.	Freight	Toronto, Ont 26-4-17 12-5-17	J. B. S. W. E.	15-5-17 12-5-18	Twin screw 51·4	Soo and Quebec	M. J. Haney, Toronto, Ont.
John S. Thom 126388 Quebec.	1,440 911	1890 Wood Detroit, Mich.	Car ferry Freight.	Quebec, P.Q. 30-6-16 39-6-17	J. A. S. P. D.	29-6-17 15-11-17	Screw 111	Lake Erie and St. Lawrence river.	Quebec and Levis Ferry Co., Quebec.
Johnnie W 107666 Quebec, P.Q.	16 9	1899 Wood 1912 Rebuilt. Quebec.	Tug	Quebec, P.Q. 29-6-17	J. A. S.	29-6-17 29-6-18	Screw 2·7	Quebec harbour	J. S. Thom, Quebec, P.Q.
John Webster 214973 Morristown.	151 102	1917 Wood Morristown, N.Y.	Passenger 337	Morristown 12-7-17 12-7-17	T.P.T. M.R.D.	20-7-17 6-6-18	Screw 14	Morristown & St. Lawrence.	Brockville, Morristown Trent Co.
Joseph 107804 St. John, N.B.	54 37	1899 Wood St. John, N.B.	Tug	St. John, N.B. 25-4-17	C.E.D.	27-4-17 25-4-18	Screw 17	Coasting	Beaver Dredging Co., St. John, N.B.
Joyland 138108 Montreal.	1,845 1,070	1884 Wood Detroit, Mich.	Freight	Toronto 6-4-17 19-4-17	J.B.S. M.E.	7-5-17 19-4-18	Screw 88·8	Duluth & Father Point.	Lake & River Trans. Co. Montreal.
John Young 130521 Montreal, P.Q.	170 77	1910 Steel Sorel, P.Q.	Tug	Montreal, P.Q. 25-4-17	J. E. L.	4-5-17 25-4-18	Twin screw 48	Montreal harbour	Harbour Commissioners, Montreal, P.Q.
Jubilee 103936 Chatham, N.B.	17 11	1897 Wood Chatham, N.B.	Tug	Chatham, N.B. 23-7-17	C. E. D.	30-7-17 23-7-18	Screw 8·2	Inside Escuminac village and north end of Portage Isd.	Wm. Anderson, Church Pt., N.B.
Julia V 126445 Kenora	42 22	1908 Wood Kenora.	Tug	Kenora 15-5-17	W.J.V.	28-5-17 15-5-18	Screw 2·7	Winnipeg, River	Patrick Villeneau, Kenora.
Julian V. O'Brien 103580 Collingwood.	59 31	1888 Wood Buffalo, N.Y. 1907 Rebuilt. Collingwood, Ont.	Tug	Pt. Colbourne, Ont. 27-11-17	J. B. S.	Not issued	Screw 29	Welland canal and lake.	Pt. Colborne Tug Co., Port Colborne, Ont.
"Julienne" ex 138131	956 790	1914 Steel Garth Bank on Tees	Freight	Quebec 1-12-17	J.A.S.	1-12-17 On arrival, Halifax.	Screw 36	Quebec & Halifax (one passage).	Can. Maritime Co., Ltd., Montreal.
Juno 90674 Goderich, Ont.	28 19	1887 Wood Goderich, Ont.	Fishing tug.	Port Burwell, Ont 12-10-17	J. B. S.	23-10-17 17-10-18	Screw 4·8	Lake Erie	Dominion Fish Co., Winnipeg, Man.
Katherine K 137969 Montreal, P. Q.	57 22	1915 Wood Montreal, P.Q.	Tug	Lauzon, P.Q. 13-9-17	J. A. S.	18-9-17 13-9-18	Screw 6·5	Quebec Harbour	Messrs Quinlan and Robertson, Montreal. P.Q.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Kathleen	110	1895 Wood	Pass. 200.	Toronto, Ont.		28-5-17	Screw	Toronto bay	Toronto Ferry Co., Toronto, Ont.
90574 Toronto, Ont.	72	Toronto, Ont. 1902 Oakville 1913 Toronto Rebuilt.		28-5-17 9-5-17	J. B. S. W. E.	9-5-18	13·5		
Kawigamog	85	1913 Wood	Tow boat	Loring, Ont.		Not issued	Screw	Kawigamog Lake and Wakimagog.	A. Walton & Sons, Loring, Ont.
134459 Toronto, Ont.	52	Loring, Ont.		16-9-17	S. D. A.		8·1		
Keenan	133	1907 Wood	Tug	Owen Sound, Ont.		7-5-17	Screw	Georgian bay and lake Huron.	Keenan Towing Co., Ltd., Owen Sound, Ont.
122414 Owen Sound, Ont.	91	Midland, Ont. 1910 Rebuilt. Owen Sound, Ont.		2-5-17	G. M. A.	2-5-18	37·5		
Keenora	535	1917 Composite	Passenger	Winnipeg		23-6-17	Twin screw	Red River & Victoria Beach.	Lake Winnipeg Navigation Co.
103680 Toronto.	264	Rebuilt, Winnipeg. 1897 Kenora.	280	12-6-17 12-6-17	W.J.V. W.J.V.	12-6-17	38		
Keewatin	3,856	1907 Steel	Pas. 246	Port McNicoll, Ont.		5-6-17	Screw	Fort William and Pt. McNicoll.	Can. Pac. Railway Co., Montreal, P.Q.
125985 Montreal, P.Q.	2,470	Govan, G.B.		20-4-17 29-5-17	G. M. A. S. D. A.	12-6-18	298·6		
Keith Cann	299	1917 Wood	Freight and	Yarmouth				Yarmouth & St. John	Hugh Cann & Sons, Yarmouth.
13170 Yarmouth.	177	Shelburne, N.S.	Passenger. 28	27-18-12-17 4-1-18	N.A.C. A.M.	28-12-17 28-12-18	Screw 53		
Kenirving	145	1900 Wood	Freight and	Hull, P.Q.		Not issued	Screw	Ottawa and Rockland	H. Dupuis & Son, Hull, P.Q.
107745 Kingston, Ont.	70	Smith Falls, Ont.	sand sucker	18-6-17	J.E.L.		4		
Kenogami Alligator No. 117		1911 Wood	Tug	Lake Kenogami		Not issued	Paddle	Lake Kenogami	Chicoutimi Pulp Co., Chicoutimi.
		Lake Kenogami.		17-5-17	J.A.S.		3		
Kenogami	27	1886 Wood	Tug	Montmagny, P.Q.	J. A. S.	Not issued	Screw	Saguenay river	Messrs Price & Bros., Quebec, P.Q.
88329 Quebec, P.Q.	14	Quebec, P.Q. 1918 Montmagny.		28-5-17			17		
Kenozha	225	1883 Wood	Pass 300	Gravenhurst, Ont.	J. D.	24-7-17	Screw	Muskoka lakes	Muskoka lakes Nav. Co., and Hotel Co., Gravenhurst, Ont.
85512 Toronto, Ont.	124	Gravenhurst Ont. 1898 Rebuilt. Gravenhurst, Ont.		23-4-17 Pt. Carling 13-5-17	S. D. A.	23-4-18	20·9		
Kenton	46	1909 Wood	Tug	St. John, N.B.		21-4-17	Screw	Inside Musquash Hd. and Cape Spencer.	J. S. Gregory, St. John, N.B.
103773 St. John, N.B.	31	St. John, N.B.		14-4-17	C.E.D.	14-4-18			
Keybell	1,730	1912 Steel	Freight	Kingston, Ont.			Screw	Ft. William and Father Pt.	Keystone Trans. Co., Montreal, P.Q.
131111 Montreal, P.Q.	1,254	Collingwood, Ont.		21-4-17 18-4-17	T. P. T. M. R. D.	28-4-17 18-4-18	95·5		
Keynor	1,806	1914 Steel	Freight	Kingston, Ont.			Screw	Ft. William and Father Pt.	Keystone Trans. Co., Montreal.
133558 Newcastle, G.B.	1,090	Londonderry, G.B.		21-4-17 17-4-17	T. P. T. M. R. D.	30-4-17 19-4-18	95·5		
Keyport	1,721	1909 Steel	Freight	Kingston, Ont.			Screw	Ft. William and Father Point.	Swan Hunter and others, Wallsend, Eng.
125459 Newcastle, Eng.	1,298	Newcastle-on-Tyne.		17-4-17 18-4-17	T. P. T. M. R. D.	28-4-17 18-4-18	87·1		
Keywest	1,725	-1909 Steel	Freight	Kingston, Ont.			Screw	Ft. William and Father Pt.	Swan Hunter *et al*, Wallsend, Eng.
125458 Newcastle, Eng.	1,298	Wallsend-on-Tyne.		17-4-17 19-4-17	T. P. T. M. R. D.	30-4-17 17-4-18	87·1		

Kildala 138162 Vancouver, B.C.	44 30	1916 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 10-5-17	 H.G.R.	11-5-17 9-5-18	Screw	Head of Dean canal (sheltered waters), B.C.	Kildala Packing Co., Vancouver, B.C.
Kildonan 96988 Vancouver, B.C.	51 32	1891 Wood Victoria, B.C.	Tug	Vancouver, B.C. 11-3-18	A. E. H	12-3-18 16-2-19	Screw 13·5	Vancouver & Straits of Georgia.	Evans Coleman & Evans, Vancouver, B.C.
Kinburn 126828 Lunenburg, N.S.	168 79	1911 Wood Mahone Bay, N.S.	Pass. 32	Halifax, N.S. 20-4-17 20-4-17	N.A.C A. McD.	20-4-17 20-4-18	Screw 28·2	Mulgrave & Pleasant bay.	North Bay Steamship Co., Port Hood, N.B.
King Albert Charlottetown.	23 16	Wood	Passenger	Summerside 25-9-17 25-9-17	 C.E.D. W.R.B.	 Not issued	Screw 6	Summerside to Bedeque	P.C. Gallant, Summerside
King Edward 103818 Belleville, Ont.	24 16	1907 Wood Trenton, Ont.	Tug	Callander, Ont. 18-7-17	J. T. G.	25-7-17 18-7-18	Screw 1·6	Lake Nipissing	Mrs. Emma J. Darling, Callender,
Kingston 111654 Toronto.	2,925 1,909	1901 Steel Toronto, Ont.	Pass. 400	Toronto. 23-5-17 4-6-17	 J. B. S. W. E.	 5-6-17 5-6-18	Paddle 273·2	Toronto and Prescott via Charlotte.	Richelieu and Ontario Nav. Co., Montreal.
Kingsway 122938 Vancouver.	247 85	1906 Steel Lytham, Eng.	Fishing boat.	Vancouver 14-4-17 2nd Insp., 21-3-18	 A.E.H. A.E.H.	 22-3-18 20-3-19	Screw 56	Vancouver & Coast Class IV, C.T.	Can. Fish Co., Ltd., Vancouver.
Kingsville 94760 St. John, N.B.	36 24	1889 Wood St. John, N.B. 1901 Rebuilt. St. John, N.B.	Tug	St. John, N.B. 18-7-17	 C. E. D.	18-7-17 18-7-18	Screw 6·5	Inside Musquash Hd. Hd. and Cape Spencer	A. Sewell, Gibson, N.B.
Kluhane 126942 Victoria, B.C.	19 7	1910 Wood Victoria, B.C., and White Horse.	Freight pass. 10.	White Horse, Y.T. 23-6-17 23-6-17	A. F. A.F. H. G. R.	23-6-17 22-6-18	Stern wheel	Yukon river	Taylor & Drury, White Horse, Y.T.
Kokanee 103305 New Westminster.	348 165	1896 Wood Nelson, B.C. 1917 Nelson, B.C.	Freight pass. 186.	Nelson, B.C. 15-5-17 15-5-17	 W. J. C. W.J.C.	16-5-17 14-5-18	Stern wheel 19·1	Nelson and Kaslo	Canadian Pacific Railway, Montreal, P.Q.
Kootenay 103164 Vancouver, B.C.	1117, 332	1897 Wood Nakusp, B.C.	Freight pass. 222.	Nakus, B.C. 23-5-17 11-5-17	 W. J. C. W. J. C.	31-5-17 10-5-18	Stern wheel 21·6	Arrowhead and Robson	Canadian Pacific Railway, Montreal, P.Q.
Kuskanook 121758 Vancouver, B.C.	1,008 548	1906 Wood Nelson, B.C.	Freight pass. 270.	Nelson, B.C. 20-5-17 19-5-17	 W. J. C. W. J. C.	21-5-17 18-5-18	Stern wheel 32·1	Nelson and Kaslo	Canadian Pacific Railway, Montreal.
Kyle 133532 St. John's, Nfld.	1,055 548	1913 Steel Newcastle, G.B.	Pass. 150	North Sydney, N.S. 8-5-17 7-5-17	 D. J. M. A. Mc. D.	16-5-17 7-5-18	Screw 263	North Sydney and St. Johns, Nfld.	Reid, Nfld. S.S. Co., St. John's, Nfld.
L. C. L. V 126510 Victoria, B.C.	9 6	1909 Wood Victoria, B.C.	Fishing tug.	Victoria, B.C. 24-7-17	 B. M.	25-7-17 23-7-18	Screw 2·5	Victoria-Nanaimo	F. L. Smith, Victoria, B.C.
L.O.B. Co 131130	19 11	1912 Wood Deck Island.	Tug	Ottawa 21-5-17	 J.E.L.	24-8-17 21-5-18	Screw 2	Ottawa & Grenville.	Lower Ottawa Boom Co
L. Paul 126453 Sorel, P.Q.	23 16	1908 Wood Sorel, P.Q.	Tug	Sorel, P.Q. 4-9-17	 F. X. H.	6-9-17 4-9-18	Screw 16·7	Sorel harbour	A. Durochers, Quebec, P.Q.
L. Robidoux 126860 Sorel, P.Q.	62 28	1912 Wood Yamaska, P.Q. 1914, rebuilt Pierreville, P.Q.	Tug	Sorel, P.Q. 9-6-17	 F. X. H.	14-6-17 9-6-18	Screw 20·9	Montreal & St. François river.	M. Robidoux, Yamaska, P.Q.
La Belgique	17 11	1905 Wood Toronto.	Tug	Shawanigan Falls 5-9-17	 F.X.H.	 Not issued	Paddle 2·7	Shawanigan Falls	The Belge Co., Shawanigan Falls.
Lac du Bonnet		Wood Simcoe, Ont.	Tug	Sawridge Lbr. Camp 17-5-17	 J.T.M.		Paddle 1·5	Lesser Slave Lake, Class IV.	Northwest Lumber Co. Edmonton.

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Lachine	26	1912 Wood	Tug	Montreal, P.Q.		24-9-17	Screw	Lachine canal	Dept. Railways and Canals, Ottawa.
131125 Ottawa, Ont.	15	Ottawa, Ont.		20-9-17	J. E. L.	31-3-18	16·6		
Lady Evelyn	483	1901 Steel	Pass.	Quebec, P.Q.		Not issued	Twin screw	Mail tender at Rimouski	Post Office Dept., Ottawa.
109680 Quebec.	39	Tranmere, G.B.		8-5-17	J. A. S.		151·6		
Lady Grey	733	1905 Steel	Ice-breaker.	Sorel.		Not issued.	Twin screw	All Canadian ports	Minister of Marine and Fisheries, Ottawa.
122014 Ottawa.	65	Barrow-in-Furness, G.B.		22-11-16	F. X. H.		246·1		
Lady Laurier	1,051	1902 Steel	Buoy	Dartmouth, N.S.		25-2-18	Twin screw	Coasting, N.S.	Minister of Marine and Fisheries, Ottawa.
112399 Ottawa.	413	Paisley, G.B.	service	24-1-18	N.A.C.	24-1-19	186·4		
				25-2-18	A. McD.				
Lady Mackworth	21	1916 Wood	Freight	Peace River, Alta.		2-6-17	Twin screw	Hudson's Hope to Vermilion Chutes.	Peace River Tramway and Nav. Co., Peace River, Alta.
Winnipeg (intended).	14	Peace River, Alta.	Pass. 10.	1-6-17	J.T.M.	1-6-18	3·7		
				1-6-17	J.T.M.				
Lady Minto	403	1903 Steel	Tug	White River.		31-5-17	Paddle	Lake Temiscaming	Upper Ottawa Improv. Co. Commission.
11641 Ottawa	251	Temiscaming.		25-5-17	J.E.L.	25-5-18	61·4		
Lady of Gaspé	1,237	1877 Iron	Freight	Stamford, Conn.		15-8-17	Screw	New York and Foreign.	Nova Scotia SS. Co., Ltd, New York, N.Y., U.S.A.
78554 Quebec, P.Q.	774	Port Glasgow, G.B.		15-8-17	N.A.C.	15-8-18	115·3		
				14-8-17	A.McD				
La Have	88	1888 Wood	Tug & Pass.	Halifax, N.S.		10-7-17	Screw	Halifax & La Have, N.S	Halifax and La Have SS Co., Halifax, N.S.
1.6742 Halifax, N.S.	60	Pocomoke, U.S.A.	16	8-7-17	D. J. M.	7-7-18	24		
				9-7-17	A.McD.				
Laird MacAuley	88	1907 Wood	Tug	Midland, Ont.		Not issued.	Screw	Georgian Bay	Can. Dredging Co., Ltd., Midland, Ont.
111975 Southampton, Ont.	60	Wallaceburg, Ont.		21-9-17	G.M.A.		24·8		
Lake Buntzen	23	1914 Wood	Pass.	Vancouver, B. C.		28-4-17	Screw	Vancouver and Indian river.	Harbour Shipping Co., Ltd., Vancouver, B.C.
134084 Vancouver.	16	Vancouver, B.C.	60	24-4-17	A. E. H.	8-4-18	2·5		
Lake Michigan	402	1873 Wood	Freight	Toronto, Ont.		4-9-17	Screw	Sault Ste. Marie and Quebec.	Pt. Anne Quarries Ltd., Toronto, Ont.
88537 Hamilton, Ont.	157	Hamilton, Ont.		1-9-17	J. B. S.	3-9-18	51·8		
				3-9-17	W. E.				
Lakeside	348	1888 Wood	Tug	Pt. Colborne, Ont.		9-6-17	Screw	Port Colborne and Pt. Stanley.	Michael Jos. Hogan, Port Colborne, Ont.
90778 Windsor, Ont.	220	Windsor, Ont.		2-5-17	J.B.S.	2-5-18	43·76		
Lambton	323	1908 Steel	Tug.	Parry Sound, Ont.		Not issued.	Twin screw	Rivers and lakes	Minister M. and F., Ottawa.
126409 Ottawa, Ont.	182	Sorel. P.Q.	Pass.	10-4-17	J. D.		89·6		
Lanoraie	90	1899 Wood	Tug	Sorel, P.Q.		Not issued.	Screw	St. Lawrence river	Minister M and F., Ottawa.
126858 Sorel, P.Q.	31	Sorel. P.Q.		2-5-17	F. X. H.		17·5		
Landbo	2,292	Wood	Freight	Buffalo	W.E.	31-5-17	Screw	All Lakes and Rivers	Thos. Lannan Port Colborne
134519 Sarnia	1,656	1890 West Bay City. 1917 Repairs Buffalo.		29-5-17		29-5-17			

Lansdowne 90604 Ottawa.	680 463	1889 Wood Maccan, N.S.	Govt Socc.	Halifax 10-15-5-17	N.A.C.	Not issued.	Screw 81	Coasting	Minister of Marine.
Landsowne 88629 Windsor, Ont.	1,571 907	1884 Iron Wyandotte, Mich.	Car ferry Pass. 287	Windsor, Ont 8-10-17 12-10-17	 J. D. W. E.	18-10-17 5-10-18	Paddle 166	Windsor and Detroit	Grand Trunk Ry. Co., Montreal, Que.
Latona 11225 St. John, N.B.	29 20	1902 Wood 1910 Rebuilt. St. John, N.B.	Tug	St. John, N.B 21-5-17	 C. E. D.	25-5-17 21-5-18	Twin screw 12	Inside Musquash Head and Cape Spencer.	St. John River Log Driving Co., Fredericton, N.B.
Latour 90884 Yarmouth, N.S.	155 99	1888 Wood Yarmouth, N.S.	Pass & Frt.	Yarmouth, N.S. 29-6-17	 N. A. C.	5-7-17 29-6-18	Screw 49·7	Coasting	H. Cann and Sons, Yarmouth, N.S.
Laura A 116989 Kenora, Ont.	26 17	1905 Wood Fort Frances, Ont.	Tug	Fort Frances, Ont 29-8-17	 W. J. V.	31-8-17 19-8-18	Screw 6	Rainy River	Geo. Allen, Fort Frances,
Laura Grace 107171 Port Arthur, Ont.	86 58	1900 Wood Collingwood, Ont.	Pass. & Tug 60	Port Arthur, Ont 6-7-17 6-7-17	 W. J. V. W. J. V.	7-7-17 6-7-18	Screw 31·8	From Port Arthur not to exceed 100 miles.	Lake Superior Tug Co., Port Arthur.
Laurel Whalen 138367	1,357 1,049	1917 Wood Victoria, B.C.	Freight	Victoria 25-5-17 25-5-17	 B.M. B.M.	12-6-17 24-5-18	Twin screw 18	Can. & Foreign Ports	Canada West Coast Nav. Co., Vancouver.
Laurencia 126485 Montreal, P.Q.	346 204	1909 Wood Valleyfield, P.Q.	Pass. 300 Freight.	Montreal, P.Q 3-5-17	 J.D.	4-5-17 3-5-18	Twin screw 26	Montreal and Valleyfield	H. Sicotte, Valleyfield, P.Q.
Laurentian 113641 Quebec, P.Q.	355 155	1902 Steel Hull, Eng.	Patrol boat 85	Quebec 27-4-17	 J.A.S	Not issued.	Screw 64·9	Coasting	Naval Service, Ottawa
Lauzon 126843 Quebec.	419 281	1910 Steel Levis, P.Q.	Freight and pass. 400	Quebec, 11-4-17 25-4-17	 J. A. S. P. D.	26-4-17 11-4-18	Screw 7	Quebec and Levis	La Traverse de Lévis, Lévis, P. Q.
Lavaltrie (Not registered). Sorel.	213 82	1912 Steel Sorel, P.Q.	Tug	Sorel, P.Q. 13-4-17	 F. X. H.	Not issued.	Twin screw 40·3	St. Lawrence river	Minister M. and F., Ottawa.
Laviolette 133906 Sorel, P.Q.	213 82	1911 Steel Sorel, P.Q.	Tug	Sorel, P.Q 16-4-17	 F. X. H.	Not issued.	Twin screw 40·3	St. Lawrence river	Minister M. and F., Ottawa.
Leebro 122394 Victoria, B.C.	323 198	1908 Wood Victoria, B.C.	Lighthouse tender and Pass. 10	Victoria 26-7-17 26-7-17	 B. M. B.M.	30-7-17 25-7-18	Screw 32·5	Victoria and Queen Charlotte Islds.	Cresent Shipping Co. Ltd., Victoria, B.C.
Leighton McCarthy 112333 Collingwood.	36 24	1904 Wood Collingwood, Ont. 1916, Orleans Is.	Fishing tug.	Killarney, Ont 20-7-17 La Pas, P.Q.	G. M. A.	Not issued.	Screw 10·6	Georgian bay	T. and S. Drever, Collingwood, Ont.
Le Pas 138064 Ottawa.	17 11	1909 Wood. 1916 Fort Coulonge, P.Q.	Ferry & Pass 10	Ft. Coulonge, P.Q 23-5-17 11-10-17	J.E.L M.R.D.	Not issued.	Stern Paddle.	Fort Coulonge and Le Pas.	Thepohile Vaillancourt, Fort Coulonge, P.Q.
Le Progrès 134138 Quebec.	465 242	1914 Steel Lévis, P.Q.	Pass and freight 540	Three Rivers, P.Q 15-9-17 7-8-17	 F. X. H. P. D.	17-9-17 15-9-18	Screw 37 5	Three Rivers and Ste. Angèle	Corporation of the Town of Three Rivers.
Le Roi 117112 Vancouver, B.C.	196 133	1905 Wood Vancouver, B.C.	Tug	N. Vancouver, B.C 29-2-18	 H. G. R.	1-3-18 18-2-19	Screw 51·5	Vancouver, and Straits of Georgia.	T. J. Kickham, Vancouver, B.C.
Lévis 126842 Quebec.	419 281	1910 Steel Lévis, Que.	Passenger & freight 400	Quebec, P.Q. 11-4-17 25-4-17	J. A. S. P. D.	26-11-17 11-4-18	Screw 7	Quebec and Lévis ferry.	La Traverse de Lévis, Lévis, P.Q.
Lévis 133904 Sorel, P.Q.	185 88	1902 Wood Sorel, P.Q.	Tug	Sorel, P.Q 13-4-17 18-7-17	 F. X. H. P. D.	Not issued.	Twin screw 48	Montreal and Quebec	Minister, Marine and Fisheries, Ottawa.

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Liberty	96	1903 Wood	Tug	Dartmouth, N.S.		29-9-17	Screw	Halifax hbr	Standard Construction Co., Halifax, N.S.
116279 Halifax, N.S.	42	Sheet Hbr., N.S.		21-9-17	D. J. M.	21-9-18	18·3		
Lillie	72	1883 Wood	Tug	St. John, N.B.		17-10-17	Screw	Coasting	R. C. Hendry, Ltd., Halifax, N.S.
85543 Chatham, N.B.	49	Yarmouth, N.S. 1907 St. John, N.B.		15-10-17	C. E. D.	15-10-18	24		
Lilloost	575	1908 Steel	Survey boat	Esquimalt, B.C.		12-4-17	Twin screw	Pacific coast	Minister M. and F., Ottawa.
122395 Victoria, B.C.	311	Esquimalt, B.C.		2-4-17	W. J. C.	1-4-18	94·5		
				11-4-17	W. J. C.				
Lilly	22	1890 Wood	Tug	Victoria, Harbour		1-10-17	Screw	Victoria harbour	Victoria Harbour Lumber Co., Toronto, Ont.
94985 Toronto, Ont.	15	Oakville, Ont. 1909 Victoria Harbour.		19-9-17	G. M. A.	19-9-18	3·3		
Lilly Glazier	209	1880 Wood	Tug	St. John, N.B.		28-5-17	Paddle	Inside Musquash Hd.	D. D. Glazier and Sons, Lincoln, N.B.
80020 St. John, N.B.	132	Indiantown, N.B. 1895 St. John, N.B.		21-5-17	C. E. D.	21-5-18	44·9	Cape Spencer.	
Lilly May	11	1895 Wood	Tug	Penetang		20-10-17	Screw	Penetang & Killarney	Geo. Denis, Penetang.
103574 Midland.	3	North River, Ont.		25-5-17	G.M.A.	25-5-18	1		
Lina	26	1894 Wood	Tug	Chatham, N.B.		30-7-17	Screw	Inside Escuminac and	A. R. Loggie, Loggieville, N.B.
103277 Chatham, N.B.	17	Black Brook, N.B.		23-7-17	C. E. D.	23-7-18	10·7	north of Portage Isd.	
Linda	37	1904 Wood	Tug	New Westminster		18-7-17	Screw	Fraser river	Canada Fish Products Co., London.
117008 New Westminster.	25	Vancouver, B.C.		16-7-17	A. E. H.	30-9-17	9·1		
Lingan, Montreal	4,677	1911 Steel	Freight	Louisburg, N.S.		19-1-18	Screw	Coasting and foreign	Lingan Steamship Co. Ltd., Halifax.
132810	2,603	Middlesborough, C.B.		17-1-18	N. A. C.	17-1-19	347		
				17-1-18	A. McD.				
						25-8-17			
				23-1-17	A. McD.	10-7-18			
Lintonia	58	1910 Wood	Pass.	Lindsay, Ont.			Screw	Trent Valley canal	C. F. Grey, Lakefield, Ont.
126723 Peterboro, Ont.	40	Lakefield, Ont. 1916 Bobcaygeon.	196	18-8-17	T. P. T.		8·2		Ont.
				15-8-17	W. E.				
Lisgar	26	1910 Wood	Tug	Selkirk, Man.		28-5-17	Screw	Red river	Minister Public Works, Ottawa, Ont.
122272 Winnipeg, Man.	18	Selkirk, Man.		19-5-17	W.J.V.	19-5-18	2·7		
Lisgar	210	1909 Steel	Tug	Halifax, N.S.		28-5-17	Screw	Coasting	Minister Public Works, Ottawa, Ont.
126493 Montreal, P.Q.	118	Sorel, P.Q.		30-4-17	D. J. M.	30-4-18	46·8		
				12-5-17	A. McD.				
Lizpeth	25	1909 Wood	Tug	Fort Frances, Ont.		31-8-17	Screw	Rainy river and Rainy	Peter L. Calder, Fort Frances, Ont.
126447 Kenora, Ont.	17	Fort Frances, Ont. 1902 Rebuilt. Muskoka, Ont.		29-8-17	W.J.V.	29-8-18	3·5	lake.	
Lloyd, S. Porter	489	1893 Wood	Freight	Sorel, P.Q.		15-5-17	Screw	Erie and River St. Law-	A. Larock, Montreal, P.Q.
94927 Montreal, P.Q.	379	Port Huron, Mich. 1900 Picton, Ont.		17-4-17	F. X. H.	17-4-18	42·6	rence.	
				Montreal, 9-5-17	P. D.				

Long Sault 126853 Sorel	69 28	1911 Wood Sorel, P.Q.	Tug	Montreal, P.Q. 10-5-17	J. E. L.	10-5-17 10-5-18	Screw 28·1	Ottawa and Oka	Geo. Dansereau, Grenville, P.Q.
Longueuil 90531 Montreal, P.Q.	365 220	1884 Wood Montreal, P.Q.	Ferry 800	Sorel, P.Q 14-5-17 Montreal, P.Q. -5-17	F. X. H. P. D.	29-5-17 14-5-18	Paddle 43·2	Montreal and Ste-Helene Island.	Canada Steamship Lines, Montreal, P.Q.
Lo Olbee 130856 Vancouver, B.C.	40 27	1911 Wood Vancouver, B.C.	Pass. 40	Vancouver, B.C. 30-3-18 30-3-18	H. G. R.	30-3-18 15-3-19	Screw 2·6	Vancouver and Indian river.	Harbour Shipping Co., Ltd., Vancouver, B.C.
Lord Beresford 126716 St. John, N.B.	112 18	1909 Steel Paisley, G.B.	Tug	Halifax 30-17-17	D. J. M	30-7-17 30-7-18	Screw 32·6	Halifax to England	Maritime Dredging and Cons. Co., St. John, N.B.
Lord Dufferin 108624 Montreal	4,664 3,007	1898 Steel Newcastle, Eng.	Freight	St. John, N.B. 12-4-18	W.R.B.	13-4-18 (one trip). 13-4-18	Screw	Canadian and Foreign Parts.	Gaston, Wigmore & Williams, Toronto.
Lord Strathcona 99478 Quebec, P.Q.	495 76	1902 Steel South Shields, G.B.	Tug Pass. 378	Quebec, P.Q. 4-4-17 Quebec, 30-5-17	J. A. S. P. D.	30-5-17 30-5-18	Twin screw 212·46	Montreal and gulf	Quebec Salvage and Wrecking Co., Quebec.
Lord Woolsely 116723 St. John, N.B.	73 50	1905 Wood Parrsboro, N.S.	Tug	St. John, N.B. 19-12-17	C. E. D.	24-12-17 24-12-18	Screw 17	Coasting	Maritime Dredging and Cons. Co., St. John, N.B.
Loretta 122480 Ottawa	75 31	1907 Composite Toronto, Ont.	Tug	Ottawa 19-4-17	J. E. L.	23-4-17 19-4-18	Screw 13·4	Rideau canals	Minister of Railways and Canals, Ottawa, Ont.
Lorancia 126485 Montreal, P.Q.	346 205	1909 Wood Valleyfield, P.Q.	Pass. freight 300	Montreal, P.Q. 11-5-17 3-5-17	J.E.L. P.D.	4-5-17 3-5-18	Twin screw 26	Montreal and Valleyfield.	Horace Sicotte, Valleyfield, P. Q.
L'Orignal Bay 135931 Montreal.	33 16	1912 Wood L'Orignal.	Tug	Mathewson 27-6-17 24-8-17	J.E.L. M.R.D.	4-9-17 27-7-18	Screw 5	Twin Falls&Mathewson.	Abitibi Power and Pulp Co.
Lorne 94809 Victoria.	288 159	1889 Wood Victoria.	Tug	Vancouver 11-2-18	A.E.H.	12-2-18 10-2-19	Screw 114	Vancouver & Prince Rupert, Class IV, C.T	G.T.P.Ry., Montreal.
Lornet Ex "Wezia" 133696 Victoria.	79 39	1901 Wood Ballard.	Tug	Victoria 14-12-17	B.M.	15-1-18 13-12-18	Screw 13	B.C. Coast Class IV, Rule B.	A. McKenzie, Victoria, B.C.
Lotbinière 126458 Sorel.	146 47	1902 Wood Sorel, P.Q.	Tug	Sorel, P.Q. 13-5-17	F. X. H.	Not issued.	Twin screw 40	Montreal and Lac St. Pierre	Minister of Marine and Fisheries, Ottawa.
Lottie and Marguerite 126341 Barrington, N.S.	32 22	1908 Wood Shelburne, N.S.	Frt & pass. 12	Weymouth, N.S. 13-7-17 Weymouth, 13-7-17.	N. A. C. A. McD.	19-7-17 13-7-18	Screw 8·2	Weymouth & Tiverton.	St. Mary's Bay SS. Co. Little River.
Louis Joseph 126931 Quebec.	61 40	1911 Wood St. Anne.	Pass Freight. 2	Chicoutimi 21-5-17 21-5-17	J. A. S. P. D.	22-6-17 21-5-18	Twin screw 4·2	Chicoutimi and Les Terres Rompues, Saguenay river.	E. Gagnon, Ste. Anne.
Louis Philippe 134491 Quebec.	600 251	1914 Steel Levis, P.Q.	Pass Freight. 500	Montreal, P.Q. 3-4-17 3-4-17	J. B. L. P. D.	12-5-17 3-5-18	Screw 58·4	Montreal and Longueuil.	The Canada SS. Lines, Ltd.
Louisburg 73582 Montreal	1816 1182	1881 Steel Sunderland, G.B.	Freight	Sydney, N.S. 9-8-17 Sydney, 8-8-17.	D. J. M. A. McD.	20-8-17 8-8-18	Screw 175	Foreign going	Dominion SS. Louisburg Co., Ltd., Montreal, P.Q.
Lower Traverse No. 20 Ex. "Artic" 116992 Quebec.	762 518	1901 Wood Kiel Germany.	Light ship.	Quebec 3-4-17	J.A.S.	Not issued.	Screw 45·3	Station Lower Traverse.	Minister of Marine & Fisheries.
Loup Marion Quebec	18 12	1917 Wood St. Méthode.	Pass & Tug. 10	Roberval 15-8-17	P.D.	Not issued.	Triple screw (Gasoline).	Roberval & St. Méthod.	Jos. Matte, St. Méthode.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Lowmoore	14	Iron	Tug	Cedars, P.Q.			Screw	Inlet Cedars Rapid Power House.	T. C. Simpson, Montreal P.Q.
126267 Sorel, P.Q.	10			1-10-16	J.E.L.		3·3		
Loyalist	18	1884 Wood	Tug	Newcastle, N.B.		30-7-17	Paddle	Inside Escuminac Village and north end of Portage Isd.	J. A. Flett, Nelson, N.B.
80947 Chatham, N.B.	11	Chatham, N.B.		27-7-17	C. E. D.	27-7-18	4·2		
Lucin	11	1898 Wood	Tug	Montreal		31-4-17	Screw	Montreal & Prescott	Plantyne Transp. Co.
103969 Montreal.	28	Sorel.		4-4-17	J.E.L.	4-4-18	28		
Lucina	32	1905 Wood	Tug	Three Rivers, P.Q.		11-8-17	Screw	Three Rivers harbour.	L. E. Dufresne and Marchildon, St. Maurice, P.Q.
121668 Quebec.	22	Portneuf, P.Q.		6-8-17	F. X. H.	6-8-18	3·3		
Lucknow	256	Wood	Tug	Midland			Screw	Georgian Bay & Lake Huron.	Midland Transp. Co., Ltd.
88623 Midland	174	1870 S. Saginaw, Mich. 1901 Collingwood, Ont. 1916 Midland, Ont.		14-4-17 2nd Insp., 31-10-17	G.M.A. G.M.A.	26-4-17 14-4-18	69		
Lucy Clive	13	1900 Wood	Tug	Halifax, N.S.		13-11-17	Screw	Halifax harbour	F. W. Mosher, Halifax, N.S.
116646 Ottawa, Ont.	9	Port Hawkesbury, Ont.		10-11-17	D.J.M.	13-11-18	1·2		
Ludlow	534	1905 Steel	Ferry	St. John, N.B.		22-11-17	Screw	St. John and St. John West.	Corporation of the City of St. John, N.B.
121831 St. John, N.B.	363	St. John, N.B.	487	16-11-17 2-11-17	C. E. D. W. R. B.	15-5-18	33·2		
Luella	38	1880 Wood	Ferry	Hanlans Pt, Ont.		Not issued.	Screw	Toronto bay	Toronto Ferry Co., Toronto, Ont.
80591 Toronto, Ont.	26	Toronto, Ont. 1912 Toronto.		25-4-17	J. B. S.		2·07		
Lulu Eddy	29	1888 Wood	Tug	Little Current			Screw	Georgian Bay. & North channel.	C. S. Boora Dredg. & Cons. Co., Toronto, Ont.
116250 Sault Ste. Marie.	18	West Bay City, Mich. 1909 Collingwood.		7-7-16	E. W. McK.		6·5		
Lulu May	34	1910 Wood	Tug	Port Stanley		20-10-17	Screw	Lake Erie, Class IV Inl.	Albert Vary, Port Stanley.
130323 Port Stanley.	23	Collingwood.	(fishing).	12-10-17	J.B.S.	12-10-18	4·8		
Lumberman (Allig Tug)		Wood	Tug	Big River, Sask.		Not issued.	Paddle	Mill Pond, Class IV	Ladder Lake Lbr.Co., Sask.
		Simcoe, Ont.	(Allig).	8-9-17	J.T.M.		2		
Lurcher	396	1903 Steel	Lightship	Yarmouth, N.S.		27-9-17	Screw	Coasting	Minister Marine & Fisheries, Ottawa.
Ottawa, Ont.	269	Toronto, Ont.		17-9-17 16-8-17	N. A. C. A. McC.	17-9-18	16·1		
Lynn B	124	1913 Wood	Tug	Port Dalhousie, Ont.		Not issued.	Screw	New Welland canal and lake.	C. S. Boon Dredg. & Cons. Co., Toronto, Ont.
130975 Collingwood, Ont.	85	Midland, Ont.		24-8-17	J. B. S.		37·5		
M. C. M	73	1914 Wood	Tug	New Westminster		28-2-18	Screw	New Westminster and Straits of Georgia.	Jos. Mayers, New Westminster.
134119 New Westminster	46	New Westminster.		28-2-18	H. G. R.	27-2-19	16		
M. T. C. No. 1	20	1900 Wood	Tug	Vancouver, B.C.		15-10-17	Screw	Vancouver harbour	A. M. Snider, Vancouver, B.C.
130797 Vancouver, B.C.	14	Beach, Wash.		15-10-17	A. E. H.	14-10-18	6		

M. E. Hackett 103137 Quebec.	78 55	1894 Wood Quebec, P.Q.	Tug	Quebec, P.Q. 2-11-17	 J. A. S.	2-11-17 2-11-18	Screw 10·8	Quebec harbour	Wm Hackett&Sons, Quebec, P.Q.
Maagen 126557 New Westminster.	45 31	1905 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 3-10-17	 A. E. H.	3-10-17 2-10-18	Screw 13·5	Vancouver & Straits of Georgia.	Progressive Steamboat Co., Vancouver, B.C.
Macassa 93932 Hamilton, Ont.	528 234	1888 Steel Glasgow lengthened 1905. Collingwood.	Pass. 709	Toronto, Ont. 25-3-18 5-4-17 30-3-18	 J. D. W. E. W. E.	29-3-18 35-3-19	Twin screw 83·7	Toronto, Grimsby and Hamilton.	Canada SS. Lines, Ltd., Toronto, Ont.
Mackelvie 126260 Chatham, N.B.	44 22	1909 Wood Campbellton, N.B.	Fishing Tug	Campbellton, N.B. 29-8-16	 C. E. D.		Paddle 4·3	Restigouche river	W. H. Miller Co., Campbellton, N.B.
Madaline A 130624 Yarmouth, N.S.	39 27	1912 Wood Mahone Bay.	Warp Tug	Halifax, N.S. 7-4-17	 D. J. M.	7-4-17 7-4-18	Screw 14·7	Coasting	P. L. Leblanc, Wedgeport, N.S.
Madge 121984 Victoria, B.C.	155 77	1907 Steel Esquimalt, B.C.	Quarantine tender. Pass. 20.	Victoria, B.C. 20-9-17 19-9-17	 W. J. C. W. J.C.	24-9-17 19-3-18	Screw 31·6	Victoria and Williams Head.	Minister of Agriculture, Ottawa.
Mabel Reid 122597 St. Andrews.	63 17	1887 Wood Freeport, U.S.A.	Tug	St. John, N.B. 16-8-17	 C.E.D.	29-8-17 16-8-18	Screw 14	Musquash Hd. & Cape Spencer.	Public Works Dept., Ottawa
Mabel Stewart 138684 Vancouver.	1,472 1,272	1917 Wood N. Vancouver.	Freight	Vancouver. 6-10-17	 H.G.R	10-10-17 5-10-18	Twin screw 36	Foreign going trade	Canada West Coast Navig. Co., Vancouver.
Magdalen 85405 Magdalen Islands.	135 92	1906 Wood Shelburne, N.S.	Pass Freight. 35	Mulgrave, N.S. 4-10-17 7-8-17	 D.J.M A. McD.	20-10-17 7-8-18	Screw 28·2	Mulgrave and Arichat	W. G. Leslie, Halifax, N.S.
Magedona 118465 London, Eng.	138 65	1901 Steel Wilmington, Del.	Yacht	Brockville, Ont. 11-7-17	 T. P. T.	19-7-17 2-6-18	Screw 28·9		G. T. Fulford, Brockville, Ont.
Maggie M 94752 St. John, N.B.	66 45	1888 Wood Portland, U.S.A. 1917 N. Sydney.	Tug	North Sydney, N.S. 7-5-17	 D. J. M.	Not issued.	Screw 30·4	Coasting	Alex. Gordon, North Sydney N.S.
Maggie K 131132 Ottawa.	25 13	1912 Wood Buckingham, P.Q.	Tug	Callander, Ont 18-7-17	 J. T. G.	Not issued.	Screw 4·8	Lake Nipissing	Minister of Public Works, Ottawa.
Maggie May 96908 Kingston.	29 20	1891 Wood Washburn.	Tug	Montreal 6-6-17	 J. E. L.	21-8-17 6-6-18	Screw 4·3	Rivers and canals	Thos. Weir, Cushing, Que.
Maggie Miller 100086 St. John, N.B.	146 92	1892 Wood Millidgeville. 1914 St. John.	Ferry pass. 150	Millidgeville, N.B. 20-7-17 20-7-17	 C. E. D. W. R. B.	30-8-17 31-10-17	Paddle 33·6	Millidgeville to Milkish.	R. White, Millidgeville, N.B.
Magnolia 103690 Midland, Ont.	182 191	1898 Wood Midland, Ont.	Tug	Kingston, Ont. 24-4-17	 T. P. T.	12-5-17 15-4-18	Screw 56	Lake Erie ports to Saguenay river.	Midland Towing and Wrecking Co., Midland, Ont.
Mahone 116515 Quebec.	127 79	1904 Wood Mahone Bay, N.S.	Freight	Halifax, N.S. 8-2-18 7-7-17	 N. A. C. A. McD.	12-2-18 8-2-19	Screw 24	Halifax harbour	Nelson & Hart, Halifax, N.S.
Maida Vale 103935 Peterboro, Ont.	19 13	1902 Wood Hastings, Ont.	Yacht	Peterboro, Ont. 6-8-17	 T. P. T.	11-8-17 10-7-18	Screw 1·6	Trent canal	N. P. Laplante, Peterboro, Ont.
Maid of the Mist 90692 St. Catharines, Ont.	62 33	1885 Wood Niagara Falls, Ont.	Ferry 80	Niagara Falls 26-5-17 26-5-17	 J. B. S. W. E.	28-5-17 26-5-18	Screw 9·8	Niagara river below Falls.	Carter and LeBond, Niagara Falls, Ont.
Maissonneuve 1 138224 Montreal.	78 44	1916 Wood Rebuilt Sorel.	Freight	Sorel 28-4-17	 F.X.H.	28-4-17 28-4-18	Screw 11·1	Montreal & Batiscan River.	J. P. Champlain.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Majestic 107693 Montreal, P.Q.	275 156	1899 Steel Toronto, Ont.	Freight Pass. 315	St. John, N.B. 3-4-17 20-4-17	 C. E. D. W. R. B.	21-4-17 3-4-18	Screw 36·2	St. John river and tributaries.	Crystal Stream S.S. Co., South Bay, N.B.
Majestic 121771 Winnipeg, Man.	127 86	1904 1915. Wood Selkirk, Man.	Pass. & Frt.	Winnipeg, Man. 4-10-17 25-7-16	 W. J. V.	Not issued.	Screw 4·5	Winnipeg lake and Red river.	Messrs. Bellefeuille & Hutchinson, Winnipeg, Man.
Major 134263 Midland, Ont.	2149 1721	1889 Wood West Bay City.	Freight	Midland, Ont. 14-4-17 26-4-17	 G. M. A. S.D.A.	5-5-17 26-4-18	Screw 137·6	Inland lakes and rivers.	Great Lakes Nav. Co., Midland, Ont.
Malton 130439 Sarnia, Ont.	1650 987	1888 Composite Detroit, U.S.	Freight	Fort William, Ont. 16-4-17 1-5-17 2nd Inspection 23-10-17	 W. J. V. W. J. V. W. E.	23-7-17 16-4-18	Screw 103·3	Duluth and Father Point.	A. E. Matthews, Toronto, Ont.
Manita 107875 Lindsay, Ont.	34 23	1900 Wood Bobcaygeon, Ont.	Pass. 147	Lakefield, Ont. 7-8-17 Young's Point 16-8-17	 T. P. T. W. E.	26-8-17 16-8-18	Screw 8·2	Trent Valley canal	F. G. Young, Peterboro, Ont
Manitoba 94876 Montreal, P.Q.	2616 1699	1889 Steel Owen Sound, Ont.	Pass. 232	Port McNicoll, Ont. 19-4-17 17-5-17	 G. M. A. S. D. A.	19-5-17 17-5-18	Screw 166·5	Port McNicoll to Fort William.	Canadian Pacific Railway, Montreal.
Manitou No. 138		1912 Wood.	Tug (Alligator)	Seven Islands. 16-6-17	 J.A.S.	Not issued.	Twin screw 2	Seven Islands Bay	Gulf, P. & P. Co., Quebec.
Manitou 107140 Goderich, Ont.	470 297	1903 Wood Goderich, Ont.	Pass. 124 Freight.	Goderich, Ont. 1-5-17 3-5-17	 G. M. A. S. D. A.	8-5-17 3-5-18	Screw 42·7	Owen Sound and Michipicoten.	Dominion Fish Co., Winnipeg, Man.
Manitou 111451 Winnipeg, Man.	108 59	1910 Wood Winnipegosis.	Fishing tug.	Winnipegosis. 24-9-17	 W. J. V.	24-9-17 24-9-18	Screw 16·7	Lake Winnipegosis	Armstrong Trading Co., Winnipeg, Man.
Mapleton 123961 Sunderland, Eng.	1781 1140	1909 Steel Sunderland, Eng.	Freight	Kingston 16-4-17 21-4-17	T. P. T. M. R. D.	30-4-17 16-4-18	Screw 106·3	Great Lakes and Coasting.	Merchants Mutual Line, Toronto.
Margaret 122123 Halifax, N.S.	195 100	1906 Wood Sheet Harbour.	Freight Pass. 38	Halifax, N.S. 4-10-17 3-10-17	 D. J. M. A. McD.	20-10-17 4-10-18	Screw 27·7	Halifax and St. Peter, C.B.	Halifax and Sheet Harbour S.S. Co., Halifax.
Margaret A. Hackett 131016 Montreal.	192 83	1913 Wood Quebec.	Tug	Trenton 19-4-17	 T. P. T.	30-4-17 1-4-18	Screw 56·5	Lake Erie and Gaspé	Canada Shipping Co., Montreal.
Margaret Haney 138353 Vancouver.	1,372 800	1917 Wood Victoria.	Freight	Victoria 6-4-17	 B.M.	26-4-17 5-4-18	Twin screw 36	Canadian and Foreign Ports.	Canada West Coast Nav. Co., Vancouver.
Margaretville 126804 Annapolis.	107 46	1910 Wood Margaretville.	Freight	Margaretville. 12-7-17	 N. A. C.	18-7-17 12-7-18	Screw 19·8	Margaretville and Bay of Fundy ports.	Margaretville S.S. Co., Margaretville, N.S.
Marie Louise 92754 Quebec	99 63	1889 Wood Lévis, P.Q.	Freight	Ste. Anne de Chicoutimi 21-5-17	 J. A. S.	Not issued.	Paddle 28	Saguenay river	E. Gagnon, St. Anne, P.Q.

Mariel	48	1883	Wood	Tug	Sault Ste. Marie		25-8-17	Screw	Sault Ste. Marie—North channel.	S. B. Shipman, Sault Ste. Marie, Ont.
130772 Sault Ste. Marie	7	Chicago, Ill.			25-8-17	G. M. A.	25-8-18	17		
					12-5-17	G. M. A.				
Marine Express No. 1	65	1913	Wood	Pass	Vancouver, B.C.		19-9-17	Screw	Vancouver and Howe Sound.	Marine Nav. & Engineering Co., Vancouver, B.C.
133884 Vancouver, B.C.	44	Vancouver, B.C.		40	12-9-17	H. G. R.	18-8-18	7·8		
					19-9-17	H. G. R.				
Marion	478	1876	Wood	Pass freight	North Sydney, N.S.		16-5-17	Paddle	Sydney and Bras d'Or Lakes.	Bras d'Or Steamboat Co., Sydney, N.S.
85657 Halifax, N.S.	269	New York, U.S.A.		134	3-5-17	D. J. M.	3-5-18	43·2		
					7-5-17	A. McD.				
Marion E. Trotter	49		Wood	Tug	Amherstburg		17-8-18	Screw	Detroit River	F. J. Trotter, Amherstburg.
116318 Amherstburg.	36	1881	Detroit.		16-8-17	J.D.	20-8-18	13		
		1908	Detroit.							
Marion L	19	1912	Steel	Pass	Crystal Beach	J. B. S.	7-7-17	Screw	Pt. Abino, and Crystal Beach.	C. F. Adams, Pt. Abino.
130283 St. Catharines, Ont.	13	Buffalo, N.Y.		40	6-7-17		6-7-18	4		
Mariska	2,502	1890	Steel	Freight	Midland, Ont		5-5-17	Screw	All lakes and rivers	W. J. Bassett, Toronto.
130979 Collingwood	1,875	Cleveland, Ohio.			14-4-17	G. M. A.	26-4-18	191·4		
					26-4-17	S. D. A.				
Marmion	324	1893	Steel & iron	Freight	Victoria, B.C.		15-10-17	Screw	Victoria and Coast-wise.	R. P. Butchard, Victoria, B.C.
102622 Victoria, B.C.	124	Bowling, Scot.			5-10-17	W. J. C.	5-10-18	33·9		
					12-10-17	W. J. C.				
Martello	34	1893	Wood	Tug	St. John, N.B.		28-8-17	Screw	Inside Maquash harbour and Cape Spencer.	Jas. Holly and Son, St. John, N.B.
100871 St. John, N.B.	23	Jomseg, N.B.			24-8-17	C. E. D.	24-8-18	11·2		
		1908	Queens Co.							
Martian	3,396	1901	Steel	Freight	Goderich, Ont.		12-5-17	Screw	Port Colborne and Western lakes.	Canada Interlake Line, Toronto, Ont.
131057 Port Arthur	2,010	Wyandotte, Mich.			14-4-17	J. D.	13-4-18	169		
					23-4-17	W. E.				
Marvis	69	1908	Wood	Tug	Victoria, B.C.		20-11-17	Screw	Coasting	Pacific Dredging Co., Vancouver, B.C.
126220 Vancouver, B.C.	47	Vancouver, B.C.			17-11-17	W. J. C.	16-11-18	19·5		
Mary	53	1875	Wood	Tug	Kingston, Ont.		30-4-17	Screw	Brighton and Quebec	Montreal Trans. Co., Montreal, P.Q.
71214 Montreal.	34	Port Huron, Mich.			30-4-17	T. P. T.	15-4-18	37·5		
Mary	19	1905	Wood	Pass	Sydney, N.S.	D. J. M.	20-8-17	Screw	Sydney harbour	J. W. Dobson, Sydney, N.S.
117027 Sydney	18	Mahone Bay		40	6-8-17	A. McD.	6-8-18	2·81		
					7-8-17					
Mary Battle	275	1888	Wood	Frt	Sarnia, Ont.	J. B. S.	16-6-17	Screw	All lakes and rivers	Read Wrecking Co., Sarnia, Ont.
94911 St. Catharines, Ont	187	Saugeen, Mich.			16-5-17	W. E.	5-6-18	44·2		
					5-6-17					
Mary Ellen	20	1896	Wood	Tug	Cornwall, Ont.		17-9-17	Screw	Cornwall canal	Catherine Jesmer, Cornwall, Ont.
103821 Cornwall, Ont.	14	Cornwall, Ont.			11-9-17	T. P. T.	17-8-18	6·5		
Mary I. Robertson	8	1914	Wood	Tug	Heazels Isd, Ont.		14-9-17	Screw	Trent canal	Robertson & Maloney, Cornwall, Ont.
131187 Peterborough, Ont.	5	Glen Ross, Ont.			7-9-17	T.P.T.	5-7-18	2·1		
Mary L	10	1907	Wood	Tug	Penetang, Ont.		28-9-17	Screw	Penetang to Pt. au Baril.	Theophile Light, Penetang Ont
122345 Toronto, Ont.	6	Penetang, Ont.			25-9-17	G. M. A.	25-9-18	6		
Mary P. Hall	104	1898	Wood	Tug	Kingston, Ont.		12-5-17	Screw	Lake Ontario and St. Lawrence river.	Montreal Trans. Co., Montreal, P.Q.
121825 Montreal	43	Ogdensburg, N.Y.			4-5-17	T. P. T.	1-4-18	42·6		
Mary R	44	1897	Wood	Tug	Cornwall, Ont.		7-5-17	Screw	Soulanges canal	A. G. Castleman, Cornwall.
97019 St. Catharines, Ont	30	Port Colborne.			26-4-17	J. E. L.	26-4-18	10·8		
Mary Sullivan	29	1910	Wood	Tug	Newcastle, N.B.		30-7-17	Screw	Inside Escuminac Village and north end of Portage Isd.	W. M. Sullivan, Redback, N.B.
130331 Chatham, N.B.	10	Douglastown, N.B.			26-7-17	C. E. D.	26-7-18	8·2		
Masaba	1,913	1891	Steel	Freight	Pt. McNicoll, Ont.		5-5-17	Screw	All lakes and rivers	J. and T. Matthews, Toronto Ont.
131088 Toronto, Ont.	1,267	Chicago, Ill.			18-4-17	G. M. A.	27-4-18	156·3		
					27-4-17	S. D. A.				

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Mascotte	35	1896 Wood	Pass tug	Lunenburg, N.S.	N. A. C.	19-7-17	Screw	Lunenburg and Middle	G. W. Ness, Lunenburg, N.S
103549 Lunenburg	24	Dartmouth, N.S.	39	17-7-17	A. McD.	17-7-18	18·4	Island.	
				17-7-17					
Maskinongé	4,793	1912 Steel	Freight	New York, U.S.A.		12-6-17	Screw	Foreign	Maskinonge SS. Co., Liverpool.
131422 Liverpool, G.B.	2,671	Sunderland, G.B.		16-5-17	C. E. D.	1-6-18	264·7		
				16-5-17	W. R. B.				
Masson	14	1917 wood	Pass.	Masson		Not issued.	Screw	Masson and Cumberland	Alph. Laflamme.
138076 Ottawa	10	Masson, Que.	10	20-8-17	J. T. G.		2·5		
Mathilda	115	1899 Steel	Tug	Sorel, P.Q.	F. X. H.	8-5-17	Screw	Montreal harbour	Sincennes McNaughton Line, Montreal, P.Q.
107416 Montreal.	70	Sorel, P.Q.		21-4-17		21-4-18	54		
Matsqui	113	1911 Wood	Freight	Vancouver, B.C.		13-7-17	Screw	Vancouver, Victoria and	Wm. McKenzie *et al*, Vancouver, B.C.
130459 Vancouver, B.C.	77	Vancouver, B.C.		12-7-17	H. G. R.	11-7-18	10·7	Fraser river.	
Maud Allen	10	1909 Wood	Booming	Kalamaika Lake		31-5-17	Screw	Kalamalka Lake	Johnson and Carswell, Vernon, B.C.
126503 Victoria.	7	Kalamalka Lake, B.C.	Tug.	8-5-17	W. J. C.	7-5-18	5·5		
Maude Annis	23	1903 Wood	Tug pass.	Sicamous, B.C.		31-5-17	Screw	Sicamous and Seymour	Arrow Lakes Lumber Co. Kamloop, B.C.
116456 Vancouver.	15	Annis, B.C.	20.	9-5-17	W. J. C.	8-11-17	4·8	Arm.	
				9-5-17	W. J. C.				
Maurice	8	1907 Wood	Tug	Gaspe, P.Q.		Not issued.	Screw	Gaspe basin	A. H. Rheinlander, Gaspe, P.Q.
103513 Gaspe, P.Q.	3	Barachois, P.Q.		25-8-17	J.A.S.		2·7		
Max L.	45	1911 Wood	Fishing tug.	Port Burwell.		21-10-17	Screw	Lake Erie	G. A. Van Orden, and S, H. Davis, Port Burwell, Ont.
97109 Port Burwell.	33	Port Burwell.		17-10-17	J. B. S.	17-10-18	19·4		
Mayflower	189	1890 Steel	Ferry 900	Hanlons Pt., Ont.		9-6-17	Paddle	Toronto bay	Toronto Ferry Car Co., Toronto.
91987 Toronto.	119	Toronto.		25-4-17	J. B. S.	6-6-18	41·7		
				6-6-17	W. E.				
Mayqueen	539	1869 Wood	Pass. 725	St. John, N.B.		3-5-17			May Queen SS. Co., Chipman, N.B.
59243 St. John, N.B.	340	St. John, N.B.		23-5-14	C. E. D.	20-11-17	Paddle	St. John river and Grand	
		1908 St. John.		15-4-15	W. R. B.		43·2	lake.	
McCulloch	39	1905 Wood	Tug	Prince Rupert		23-5-17	Screw	Prince Rupert and	Cyrus W. Peck and Donald M. Moore, Prince Rupert B. C.
117117 Vancouver.	27	Vancouver, B.C.		8-5-17	A. E. H.	7-5-18	12·9	Georgetown.	
McKenzie river	412	1909 Composite	Freight	Fort Smith, N.W.T.		22-6-17	Stern paddle	Slave and McKenzie	Hudsons Bay Co., London, Eng.
130279 Winnipeg.	287	Fort Smith, N.W.T.	pass. 40.	19-6-17	J. T. M.	19-6-18	wheel	rivers.	
				20-6-17	J. T. M.		9·6		
McKinac	65	1912 Wood	Tug	Three Rivers, P.Q.		11-8-17	Paddle	Three Rivers harbour	M. Robert Grant, Three Rivers.
131012 Québec.	23	Three Rivers, P.Q.		7-8-17	F. X. H.	7-8-18	9·6		
McLean	14	1916 Steel	Ferry	Quyon.		Not issued.	Paddle 1	Quyon and Fitzroy.	Wm. McLean, Quyon.
138070 Ottawa.	9	Ottawa.		21-5-17	J. E. L.				

Medora	377	1893 Composite	Pass. 46 0	Gravenhurst		26-7-17	Screw	Muskoka lakes	Muskoka Lakes Nav. and
100754 Toronto.	256	Gravenhurst.		29-5-17	J. T. G.	29-5-18	29		Hotel Co., Toronto.
		1902 Gravenhurst.		19-7-17	S. D. A.				
Meigle	836	1891 Steel	Pass 100	N. Sydney		28-9-17	Screw	N. Sydney and New-	Reid Mfd. Co. St. Johns
85860 St. Johns Nfd.	427	Whiteinch G. B.		24-9-17	D. J. M.	24-9-18	14	foundland.	Nfd.
Mermaid	11	1901 Wood	Yacht	Peterboro, Ont.		16-8-17	Screw	Ottonabee river	H. A. Turner and others,
111590 Peterboro.	7	Millbrooke.		2-8-17	T. P. T.	10-7-18	·3		Millbrooke.
Merrimac	85	1886 Wood	Tow boat	Halifax, N.S.		31-8-17	Screw	Halifax harbour	Halifax Tow Boat Co.,
74264 Sydney, N.S.	26	Quebec, P.Q.		31-8-17	N. A. C.	31-8-18	37·5		Halifax, N.S.
Meteor	299	1897 Wood	Freight	Timiscaming, Ont.		20-9-17	Screw	Lake Timiscaming	Timiscaming Nav. Co.
107084 Ottawa.	204	Opimicam.	Pass. 140.	30-8-17	J. E. L.	30-8-18	29·6		Mattawa, Ont.
				14-9-17	M. R. D.				
Meteor	47	1902 Wood	Tug	Port Colborne		27-8-17	Screw	Welland canal and lake	Port Colborne Tug Co.,
107950 Cornwall.	32	Port Robinson.		21-8-17	J. B. S.	21-8-18	10·8		Port Colborne.
Miami		wood	Freight	Chatham	J. D.	Not issued	Screw		
Windsor.				30-6-17			39		
Michigan	1,730	1890 Steel	Pass. & Frt.	Windsor, Ont.		12-12-17	Paddle	Windsor and Detroit	C.P.R., Montreal, P.Q.
98904 London, Eng.	498	West Bay City, Mich.	320	11-10-17	J. D.	19-10-18	166·6		
				9-10-17	W. E.				
Michipicoten	403	1883 wood	Tug	Owen Sound		Not issued	Screw	Georgian Bay	N. America Bent chair Co.
99843 St. Ste Marie.	236	Detroit Mich.	14-6-17	14-6-17	G. M. A.		34		
Midland	55	1896 Wood	Tug	Midland, Ont.		28-9-17	Screw	Georgian bay	Manley Chew, Midland, Ont.
103575 Midland, Ont.	37	Midland, Ont.		21-9-17	G. M. A.	20-9-18	16		
		1906 Midland, Ont.							
Midland King	3,965	1903 Steel	Freight	Port Colborne		7-5-17	Screw	All lakes and rivers	Midland Nav. Co., Midland,
116661 Midland.	2,450	Collingwood.		10-4-17	J. B. S.	12-4-18	150·4		Ont.
				21-4-17	W. E.				
Midland Prince	6,153	1907 Steel	Freight	Ashtapuly, Ont.		12-5-17	Screw	Port Colborne and west-	Canada Steamship Lines
116669 Midland.	4·560	Collingwood.	11	6-4-17	J. D. S.	6-4-18	199·3	ern lakes.	Ltd., Montreal.
				17-4-17	W. E.				
Mildred	40	1897 Wood	Tug	St. John, N.B.		26-11-17	Screw	St. John river and har-	J. E. Moore, St. John.
103267 St. John.	27	Queens Co., N.B.		29-11-17	C. E. D.	29-11-18	13·5	bour.	
		1913 Meteghan, N.S.							
Mina G	23	1910 Wood	Tug	Verdun, P.Q.		Not issued	Screw	Montreal harbour	Minister of Public Works,
126529 Ottawa.	14	Ottawa, Ont.		23-5-17	J. T. G.		4 8		Ottawa.
Minasin	39	1911 Wood	Pass. tug	The Pas, Man.	W. J. V.	Not issued	Screw	Saskatchewan river	Ross Nav. Co., The Pas,
130715 Kenora, Ont.	26	The Pas, Man.	14	28-9-17	W. J. V.		6		Man.
				28-9-17					
Mink	14	1896 Wood	Warp tug	Quyon, P.Q.	J. E. L.	31-5-17	Paddle	Quyon boom	Upper Ottawa Improvement
103881 Ottawa, Ont.	9	Gordon Creek.		21-5-17		31-5-18	2·1		Co., Ottawa.
Minitaga	73	1898 Wood	Tug	Trenton, Ont.		12-5-17			
107361 Toronto, Ont.	29	Midland, Ont.		2-5-17	T. P. T.	2-5-18	Screw	Great Lakes and Quebec	R. Waddell, Trenton, Ont.
							28·4		
Minnicog	35	1902 Wood	Tug	Little Current, Ont.		Not issued	Screw	Vicinity of Little Cur-	D. S. Pratt, Midland, Ont.
112330 Midland, Ont.	23	Collingwood, Ont.		16-7-17	G. M. A.		5·2	rent.	
Minnie W	57	1911 Composite	Tug	Fort William		20-8-17	Screw	Thunder Bay Class IV	Thunder Bay Contract Co
126672 Port Arthur.	34	Fort William.		18-10-17	W. J. N.	18-8-18	10		Port Arthur.
Minoru	148	1904 Wood	Tug	Halifax, N.S.		29-5-17	Screw	Coasting	Northern Dredging Co.,
126602 Chatham, N.B.	81	Baltimore, Md.		29-5-17	N.A.C.	29-5-18	32		Loggieville, N.B.

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Minto	829	1898 Steel and wood	Freight	Arrowhead, B.C		12-5-17	Stern wheel	Arrowhead and Robson	Can. Pacific Ry., Montreal, P.Q.
107453 Vancouver, B.C.	523	Nakusp, B.C. 1916.	pass. 218	11-5-17	W. J. C.	10-5-18	17		
				11-5-17					
Modello	46	1915 Wood	Pass	Orilia, Ont.		Not issued	Screw	Not in commission.	Lake Simcoe Nav. Co., Ltd. Toronto, Ont.
137897 Toronto, Ont.	29	Kingston, Ont.		26-9-17	G.M.A.		6·0		
Miramichi	75	1885 Wood	Freight pass	Chatham, N.B.		4-8-17	Screw	Miramichi river and bay	Miramichi Steam Nav. Co., Miramichi, N.B.
88666 Chatham, N.B.	51	Chatham, N.B.	172	25-7-17	C. E. D.	25-7-18	18·4		
		1903 Chatham, N.B.		25-7-17	W. R. B.				
Missisquoi	152	1903 Wood	Pass. 300	Kingston, Ont.		25-5-17	Screw	Kingston and Prescott	Rockport Nav. Co., Rockport, Ont.
112279 Brockville.	86	Noyan, Que.		19-5-17	T. P. T.	19-5-18	16·7		
		1915 Kingston.		22-5-17	M. R. D.				
Miseford	113	1915 Steel	Fish tug	Pt. Burwell, Ont.		23-10-17	Screw	Lake Erie	Misner and Tedford, Port Burwell, Ont.
134553 Port Burwell.	40	Welland, Ont.		16-10-17	J. B. S.	16-10-18	24		
Miss Vandenberg	266	1909 Steel	Pass	Ogdensburg		24-8-17	Screw	Prescott and Ogdensburg	Prescott and Ogdensburg Ferry Co., Prescott.
107689 Prescott, Ont.	181	Wilmington, Del.	338	23-8-17	T. P. T.	15-8-18			
				15-8-17	M. R. D.				
Modjeska	678	1889 Steel	Pass. 945	Toronto, Ont.		22-5-17	Twin screw	Toronto and Hamilton	Canada Steamship Lines, Toronto, Ont.
96058 Hamilton, Ont.	461	Yoken, Scot.		5-5-17	J. B. S.	21-5-18	160		
				21-5-17					
					W. E.				
Mohawk Belle	167	1913 Composite	Pass. 95	Portage Lake of Bays		25-7-17	Screw	Lake of Bays to Doiset	Huntsville, Lake of Bays and Lake Simcoe Nav. Co., Huntsville, Ont.
133744 Toronto.	103	Portage Lake of Bays.		2-6-17	S. D. A.	2-6-18	12·9		
				29-6-17					
Monitor	62	1899 Steel	Tug	Ottawa		Not issued	Screw	Montreal harbour	Minister of Public Works, Ottawa.
107891 Montreal.	39	Montreal, P.Q.		27-4-17	J. T. G.		14·4		
Montague	130	1878 Wood	Ferry 21	Georgetown		10-7-17	Paddle	Georgetown to Montague.	Georgetown Ferry Co., Georgetown.
77933 Charlottetown, P.E.I.	38	Georgetown, P.E.I.		5-7-17	C. E. D.	5-7-18	16·1		
				5-7-17	W. R. B.				
Montcalm	1,432	1904 Steel	Pass	Quebec		27-7-17	Twin screw	Montreal and gulf	Minister of Marine and Fisheries, Ottawa.
117069 Ottawa.	526	Yoker, G.B.	Ice breaker 120	16-7-17	P. D.	16-7-18	406·5		
Montreal	4,282	1904 Steel	Pass & Frt.	Sorel, P.Q.		15-6-17	Paddle	Montreal and Quebec	Canada Steamship Lines, Montreal.
116600 Montreal.	2,299	Sorel, P.Q.	515	25-5-17	F. X. H.	22-5-18	391		
				14-6-17	P. D.				
Moonlight	63	1912 Wood	Tug	Vancouver, B.C.		11-8-17	Screw	Vancouver & Straits of Georgia.	T. G. McBridge, Vancouver, B.C.
131037 Vancouver.	43	Vancouver, B.C.		9-8-17	A. E. H.	1-8-18	11·2		
Mouton	53	1913 Wood	Freight	Halifax, N.S.		28-1-18	Screw	Coasting and Halifax	Mrs. Rosanna Neville, Halifax, N.S.
130269 Yarmouth, N.S.	36	Liverpool, N.S.		28-1-18	D. J. M.	28-1-19	14·7		
				19-1-17	A. McD.				

Mowitz 122166 Vancouver, B.C.	50 34	1906 Wood Vancouver, B.C.	Yacht	Vancouver, B.C. 28–3–18	 H.G.R.	28–3–18 27–3–19	Tw. screw 16·1	B.C. Coast sheltered waters.	Samuel Hallander, Vancouver, B.C.
Moyie 107454 Vancouver.	835 526	1898 Steel & wood. Nelson, B.C.	Freight pass. 263.	Nelson, B.C. 20–5–17 25–5–17	 W. J. C. W. J. C.	21–5–17 19–5–18	 Stern wheel. 17·1	 Nelson and Lardo	 Can. Pacific Ry., Montreal, P.Q.
Mulgrave 103042 Ottawa, Ont.	485 330	1885 Steel New Glasgow, N.S.	Tug	Halifax, N.S. 25–7–17	 A. McD.	23–7–17 25–7–18	Screw 74·9	Coasting and Halifax	Chas. Brister & Sons, Halifax, N.S.
Murray Bay 101261 Montreal	1307 770	1877 Composite Wilmington Del. U.	Pass. 2–8–17	Sorel 2–8–17	 F. X. H.	Not issued 	Paddle 120	 	Canada S S Lines, Montreal.
Muscallonge 133752 St. John, N.B.	360 245	1896 Wood Port Huron, Mich. 1913 St. John.	Tug	Pt. du Chêne, N.B. 24–4–17	 C. E. D.	24–4–17 24–4–18	Screw 61·4	Coasting	Roger Miller & Co., Ltd. Shediac, N.B.
Muskrat 126524	35 19	1908 Wood Simcoe	Tug	White River 25–5–17	 J. E. L.	Not issued	Paddle 2·7	Lake Temiscaming Shores.	Upper Ottawa Imp. Co.
Musquash 131307 Quebec.	198 4	1910 Steel Gorston, G.B.	Tug	Halifax, N.S. 24–9–17 Halifax, 19–9–17 2nd inspection. 1–3–18	 N. A. C. A. McD.	28–9–17 24–9–18	Screw 89	Coasting	Quebec Salvage & Wrecking Co., Quebec.
Musquash 133677 Halifax, N.S	22 15	1894 Composite Portsmouth, Eng.	Tug	Chatham, N.B. 25–7–17	D. J. M. C.E.D.	30–7–17 25–7–18	Twin screw 89·8	Inside Escuminac Village and north end of Portage Isd.	Dominion Pulp Co., Chatham, N.B.
Myra 88634 Prescott.	73 37	1884 Wood St. Catharines.	Tug	Sorel, P.Q. 25–4–17	 F. X. H.	14–5–17 25–4–18	Screw 32	Montreal harbour and Quebec.	Sincennes McNaughton Line, Montreal, P.Q.
Mystery 94816 Victoria, B.C.	65 39	1890 Wood Victoria, B.C.	Tug	Victoria, B.C. 1–12–17	 B. M.	3–12–17 30–11–18	Screw 24	Coasting. B.C.	Producers' Rock and Gravel Co., Victoria, B.C.
N. Dyment 107134 Goderich.	59 40	1900 Wood Goderich, Ont.	Pass. tug 15	Thessalon, Ont. 30–8–17 26–8–17	 G. M. A. S. D. A.	10–9–17 26–8–18	Screw 33·3	Nelsonville, Thessalon and vicinity.	N. and A. Dyment, Barrie, Ont.
Naiad 92389 Kingston, Ont.	15 10	1888 Wood Kingston, Ont.	Pass. boat 30	Lakefield, Ont. 7–8–17 Mt. Julian 17–817	 T. P. T. W. E.	23–8–17 10–7–18	Screw 5·2	Trent Valley canal	Wm. Thompson, Mt. Julian, Ont.
Naiad 122539 Vancouver.	46 31	1907 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 6–6–17	 H. G. R.	9–6–17 4–6–18	Screw 8·2	Vancouver to Howe Sound.	Kinnie & Kinnie, Vancouver.
Nama 100729 Montreal.	42 36	1887 Composite Montreal.	Tug	Brockville 13–7–17	 P. P. T.	Not issued.	Screw 15	Brockville and 1 hours run out.	George Weir, Montreal.
Nanoose 122397 Victoria.	305 166	1908 Steel Victoria, B.C.	Tug pass. 12	Vancouver, B.C. 25–7–17 25–7–17	 H. G. R. H. G. R.	26–7–17 20–6–18	Screw 63	Vancouver, Victoria and Ladysmith.	Can. Pacific Ry., Montreal, P.Q.
Naramata 134271 Victoria.	150 74	1913 Steel Okonagan Ldg.	Tug	Okanagan, Ldg. 4–5–17	 W. J. C.	5–5–17 3–5–18	Screw 27·3	Okanagan lakes	Can. Pacific Ry. Co., Montreal.
Narbethong 134216 Prince Rupert.	13 8	1914 Wood Prince Rupert, B.C.	Pass 20	Prince Rupert, B.C. 9–5–17 9–5–17	 A. E. H. A. E. H.	9–5–17 15–9–17	Screw 1	Prince Rupert and Port Simpson.	H. K. Freeman, Prince Rupert, B.C.
N.A.S.C. O.	71 41	1914 Wood Grouard, Alta. 1917 Grouard, Alta.	Freight and fishing boat..	Grouard 19–5–17	 J.T.M.	Not issued	Stern. paddle. 1·6	Lesser Slave lake	Menzie Fish Co., Faust, Alta.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Nasookin	1,869	1913 Steel	Freight	Nelson, B.C.			Stern wheel	Nelson and Kalso	Can. Pacific Railway, Montreal, P.Q.
133885 Vancouver.	1,035	Nelson, B.C.	pass. 320.	21-5-17	W. J. C.	21-5-17	102		
				18-5-18	W. J. C.	18-5-18			
Nasutlin	405	1912 Wood	Freight	Dawson, Y.T.			Stern wheel	Yukon river	British Yukon Nav. Co., Vancouver.
133738 Vancouver.	256	White Horse, Y.T.	pass. 90.	30-6-17	A. F.	30-6-17	9·6		
				39-6-17	A. F.	29-6-18			
Nathalie R.	55	1912 Wood	Tug	Sorel, P.Q.			Screw	Montreal harbour and Canada.	Sincennes McNaughton Line, Montreal, P.Q.
130923 Montreal.	25	Sorel, P.Q.		26-4-17	F. X. H.	14-5-17	28·1		
						26-4-18			
National	18	1903 Wood	Tug	Toronto, Ont.			Screw	Toronto bay	Corporation City of Toronto, Toronto.
116255 Toronto.	12	Toronto.		18-7-17	J. B. S.	19-8-18	1·9		
		1909 Toronto.							
Natironco	1,079	1892 Steel	Freight	Pt. Dalhousie, Ont.		Not issued	Screw	Lakes and rivers	Canada Interbaker Line, Toronto.
133741 Toronto.	542	Detroit, Mich.		12-4-17	J. B. S.		144·3		
Native	52	1900 Wood	Tug	Vancouver, B.C.		31-7-17	Screw	Vancouver and Howe Sound.	Edith Cates, Vancouver.
107926 New Westminster.	36	New Westminster.		27-7-17	H. G. R.	31-12-17	12·9		
Nellie J.	30	1911 Wood	Tug	Norman, Ont.		28-5-17	Screw	Lake of the Woods	Armstrong Trading Co., Norman, Ont.
130711 Kenora.	21	Kenora, Ont.		15-5-17	W. S. V.	15-5-18	3·3		
Neptune	117	1911 Wood	Tug	St. John, N.B.		12-9-17	Screw	Coasting	Messrs W. Thomson & Co., St. John, N.B.
130633 St. John, N.B.	80	Port Greville, N.S.		10-9-17	C. E. D.	10-9-18	19·5		
Nereid	40	1913 Wood	Tug	St. John, N.B.		30-5-17	Screw	Coasting	J. W. Smith, St. John, N.B.
133751 St. John, N.B.	28	Watersboro.		22-5-17	C. E. D.	22-5-18	13·5		
Nevada	1,276	1890 Steel	Freight	Halifax, N.S.	N. A. C.	8-6-17	Screw		
59225 Montreal.	794	Leith, G.B.		8-6-17	A. McD.	4-6-18	99	Sydney and Constance	Nevada Shipping Co., Montreal.
				4-6-17					
New Delta	73	1910 Wood	Freight	Vancouver			Screw	Vancouver, Indian river and Port Moody.	G. W. Brewster, Vancouver, B.C.
126894 Vancouver.	49	Vancouver.	80 Pass.	25-3-18	H. G. R.	26-3-18	8·2		
				25-3-18	H. G. R.	11-6-18			
New Era	56	1901 Wood	Tug	Victoria, B.C.		30-11-17	Screw	Victoria-Vancouver	W. T. Cotsford, Salt Spring, B.C.
111813 Vancouver.	37	Vancouver, B.C.		29-11-17	B. M.	28-11-18	8·7		
Newington	193	1899 Iron and Steel	Lighthouse	Victoria, B.C.			Screw	Coasting	Minister of Marine and Fisheries, Ottawa.
110697 Vancouver.	61	Hull, Eng.	tender and 10 pass.	4-1-18	B. M.	7-1-18	58		
				4-1-18	B. M.	3-1-19			
New Minko	128	1909 Composite	Pass.	Gravenhurst, Ont.			Screw	Muskoka lakes	W. Hanna & Co., Port Carling.
126413 Toronto.	81	Gravenhurst, Ont.	40	28-5-17	J. T. G.	20-6-17	13·5		
		1915 Pt. Carling.		Pt. Carling 14-6-17	S. D. A.	28-5-18			
New Success	77	1909 Wood	Tug	Chatham, N.B.		30-7-17	Screw	Inside Escuminac Village and north end of Portage Isd.	J. Anderson, Burnt Church, N.B.
126255 Chatham, N.B.	34	Burnt Church, N.B.		24-7-17	C. E. D.	24-7-18	5·4		
Nipigon	35	1908 Wood	Fishing tug.	Fort William, Ont.		14-11-17	Screw	Fort William and points in Black Bay.	Thos. Cragie, Fort William.
117090 Collingwood.	24	Collingwood.		14-11-17	W. J. V.	14-11-18			

Nipisiguit 134329 Chatham, N.B.	94 22	1914 Wood Bathurst, N.B.	Tug	Bathurst, N.B 17-9-17	C. E. D.	20-9-17 17-9-18	Screw 18·7	Inside Rochette Point and Grindstone Point.	Bathurst Lumber Co. Bathurst, N.B.
Nishka 133747 Toronto.	35 23 19	1913 Composite Birkendale, Ont.	Pass 17 Tug.	Lake of Bays, Ont 1-6-17 Birkendale. 18-7-17	J. T.G. S. D. A.	25-7-17 1-6-18	Screw 6	Lake of bays	S. V. Blake, London, Eng.
Nitinat 91255 Victoria.	332 58	1885 Iron South Shields, G.B.	Tug 16 Pass.	Vancouver, B.C. 25-2-18 25-2-18	A. E. H. A. E. H.	27-2-18 24-2-19	Screw 144·6	Vancouver, B.C., and ports in B.C.	Can. Pac. Ry. Co., Montreal.
No. 3 Montreal.	17 10	1916 Wood Sanman Que.	Tug	Sanman 30-8-17	F. X. H.	Not issued.	Twin Screw.	Sanman and nine miles	St. Maurice construct. Co.
No. 26 124261 Quebec.	49 48	1908 Steel Kirkintillock, Scot.	Tug	Dalhousie, N.B. 5-9-17	C. E. D.	10-9-17 5-9-18	Screw 28·2	Inside Heron Island light and Tracadigash Pt.	Dalhousie Lumber Co., Dalhousie, N.B.
Nora 100208 Vancouver, B.C.	19 13	1889 Wood Port Essington.	Tug	Vancouver, B.C. 30-3-18	A.E.H.	30-3-18 1-3-19	Screw 6·6	Vancouver harbour inside Pt. Atkinson.	Atta Singh, Victoria, B.C.
Nord 112044 Quebec, P.Q.	55 39	1901 Wood Peribonka, P.Q.	Pass 40 Freight.	Roberval, P.Q. 19-5-17 19-5-17	J. A. S. P. D.	26-5-17 19-5-18	Twin screw 2·81	Roberval and Peribonka	A. Donladson, Roberval, P. Q.
Noreen 133668 Halifax	46 31	1878 Wood Dartmouth	Tug	Halifax 17-10-17	D. J. M.	22-10-17 17-10-18	Screw 17	Halifax Harbour	A. B. Crosley, Halifax.
Noreg I 134169 Yarmouth	337 174	1917 Wood Wedgeport.	Freight	Wedgeport 18-8-17	N. A. C.	10-8-17 10-8-18	Screw 34	Coasting	Westport Transp. Co. Westport.
Norfolk 97108 Port Burwell.	32 22	1907 Wood Collingwood, Ont.	Fishingboat	Port Maitland, Ont. 17-7-17	J. B. S.	23-7-17 17-7-18	Screw 10·6	Lake Erie	Chas. Ross, Dunnville, Ont.
Noronic 134014 Port Arthur.	6905 3935	1913 Steel Port Arthur, Ont.	Pass 650	Sarnia, Ont. 9-6-17 11-6-17	J. D. W. E.	11-6-17 8-6-18	Screw 328·4	Port Colborne and Duluth.	Canada Steamship Lines, Montreal, P.Q.
North 88323 Quebec.	289 192	1886 Wood Levis. 1902 Levis.	Ferry Frt. 300	Quebec 15-5-17 23-5-17	J. A. S. P. D.	29-5-17 15-5-18	Paddle	Quebec and Orleans Island.	Quebec and Levis Ferry Co., Quebec.
North American 211076 Michigan City.	2327	1913 Steel Ecorse, Mich.	Pass 620	Fort William 23-7-17 23-7-17	W. J. V. W. J. V.	23-7-17 7-6-18	Screw 164·4	All Lakes and rivers Inland.	Chicago, Duluth and Georgian Bay Transit Co., Chicago, Ill.
North Star 130924 Boston, Mass.	3160 1999	1901 Steel Chester, Pa.	Frt., Pass. 266	New York 6-4-17 7-4-17	C. E. D. W. R. B.		Screw	St. John to Boston and intermediate.	Eastern Steamship Co., Boston, Mass.
Northern Belle 117105 Ottawa, Ont.	222 169	1905 Wood Sturgeon Falls, Ont.	Pass 350	North Bay 16-7-17 Callendar 7-6-17	J.T.G. M.R.D.	1-8-17 16-7-18	Screw 20·9	Lake Nipising	North Bay & French River Nav. Co.
Northland Call Kenora (138024)	194 112	1915 Wood Peace River Crossing, Alta.	Pass 40 Freight.	Peace River Crossing 23-5-17 23-5-17	J. T. M. J. T. M.	23-5-17 23-5-18	Stern paddle 3·2	Hudsons Hope to Vermilion.	Peace River Navigation Co., Peace River.
Northland Trader 130717 Kenora, Ont.	110 59	1906 Composite Fort Smith, Alta.	Freight 20 Pass.	Fort Smith 21-6-17 21-6-17	J. T. M. J. T. M.	21-6-17 21-6-18	Screw 8·1	Slave and McKenzie rivers.	Northern Trading Co., Edmonton Alta.
Northumberland 96937 Charlottetown, P.E.I	1255 519	1891 Steel Newcastle-on-Tyne.	Pass 210	Charlottetown, P.E.I. 18-4-17 17-6-17	C. E. D. W. R. B.	28—17 1—17	Twin screw 350	Coasting	Charlottetown Steam Nav. Co., Charlottetown, P.E.I.
North Vancouver Ferry No.1 107725 Vancouver.	104 71	1900 Wood Vancouver, B.C.	Pass 200	North Vancouver 28-6-17 28-6-17	A. E. H. A. E. H.	29-6-17 21-6-18	Screw 19	Vancouver and North Vancouver.	Corp. of North Vancouver City.

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North Vancouver Ferry No. 2	544	1904 Composite	Pass.	North Vancouver	H. G. R.	20-4-17	Screw	Vancouver and North Vancouver.	Corp. of North Vancouver City.
116784 Vancouver.	370	Vancouver.	584	19-4-17	H. G. R.	18-4-18	32·6		
				19-4-17					
North Wind	15	1904 Wood.	Freight	Fort Chipewyan.	J. T. M.	15-6-17	Screw	Chipewyan Class IV	C. Fraser, Fort Chipewyan..
138023 Kenora, Ont.	10	Chipewyan	Tug.	13-6-17		13-6-18	2		
Norway Belle	46	1905 Wood	Ferry	Norway Bay, Ont.		20-9-17	Paddle	Sand Point and Norway Bay.	A. McFarland, Bristol, P.Q.
122011 Ottawa.	42	Bristol, Que.		22-5-17	J. E. L.	22-5-18	1·1		
				Sand Point	M. R. D				
				11-9-17					
Nubertha	24	1914 Wood	Tug	Gravenhurst, Ont.		22-6-17	Screw	Muskoka lakes	H. Walker and Son, Walker's Point.
130978 Collingwood.	16	Gravenhurst, Ont.		29-5-17	J. T. G.	28-5-18	6·3		
O.L.R.	11	1914 Wood	Freight	New Westminster	A. E. H.	16-7-17	Screw	New Westminster and Ladner.	Alex. Alwin Murray, Vancouver, B.C.
134562 New Westminster	8	Vancouver, B.C.	Pass 15.	13-7-17	A. E. H.	12-7-18			
				13-7-17					
Oatland	1851	1884 Wood	Freight	Toronto	T. B. S.	7-5-17	Screw	Duluth and Father Point	Little River Transp., Co Ltd. Montreal.
138107 Montreal	1063	Detroit.		6-4-17		19-4-18	88·8		
Oconee	272	1908 Wood	Freight	St. John, N.B.	C.E.D.	21-4-17	Paddle	St. John river and Tributaries.	Suburban Steamship, Browns Flat, N.B.
126284 St. John, N.B.	221	Oromocte, N.B.	Pass 228.	19-4-17	W. R. B.	19-4-18	24		
		1913 Browns Flat, N.B.		19-4-17					
Odinak	37	1914 Wood	Fishing tug.	Winnipegosis, Man.		22-9-17	Screw	Lake Winnipegosis	Messrs. Coffey and Grenon, Winnipegosis.
134260 Winnipeg, Man.	25	Winnipegesis, Man.		22-9-17	W. J. V.	22-9-18	2·7		
Oiseau	148	1897 Steel	Pass	Pembroke, Ont.		20-9-17	Twin screw	Pembroke and DesJeachim.	Pembroke Transp. Co., Pembroke.
107087 Ottawa.	90	Pembroke, Ont.	Freight.	23-5-17	J. E. L.	23-5-18	27		
		1913 Pembroke.		11-9-17	M. R. D.				
Okanagan	1078	1907 Wood	Freight	Okanagan Ldg., B.C.		5-5-17	Stern wheel	Okanagan lake	Can. Pac. Ry., Montreal, P.Q.
122378 Vancouver.	679	Okanagan Landing.	282 Pass.	3-5-17	W. J. C.	3-5-18	32·3		
				4-5-17					
Olallie	80	1912 Wood	Tug	New Westminster		23-4-17	Screw	New Westminster and Lower Inlet.	Packer Steamship Co., Vancouver, B.C.
130908 Vancouver.	54	North Vancouver.		19-4-17	A. C. H.	18-4-18	16		
				Yarmouth N.S. 11-8-17	N.A.C.	4-3-18	Screw	Coasting	G. S. Lee, Halifax.
O'Learylee	75	1915 Wood	Fishing tug.	Halifax, N.S.	D. J. M.	2-3-19	16·6		
131209 Liverpool, N.S.	49	Liverpool, N.S.		2-3-17					
Olive	35	1903 Wood	Pass	Louisburg, N.S.		16-5-17	Screw	Louisburg and Gabarus.	Atlantic Dredging Co., Louisburg.
116277 Halifax, N.S.	21	Dartmouth, N.S.	20 Tug.	8-5-17	D. J. M.	9-6-18	8·2		
				5-5-17	A. McD.				
Olive M	134	1911 Wood	Tug	Victoria, B.C.		8-8-17	Screw	Coasting	Vancouver Isd. Towing Co., Victoria, B.C.
130611 Victoria, B.C.	71	Victoria, B.C.		6-8-17	W.J.C.	5-8-18	21·9		
Omaha	1251	1872 Wood	Freight	Quebec, P.Q.		25-4-17	Screw	Lake Erie and Father Pt.	N. J. Tourgeon Beauceville, P.Q.
134350 Montreal, P.Q.	800	Milwaukee, Wis.		30-4-17	J. A. S.	21-4-18	67·6		
				24-4-17	P. D.				

Omar D. Conger 155055 Port Huron.	196 132	1882 Wood Port Huron, Mich. 1917 Pt. Huron.	Ferry pass. 335	Port Huron 28-11-17 28-11-17	 J. D. W. E.	30-11-17 12-11-18	Screw 37·5	St. Clair River	Port Huron and Sarnia Ferry Co., Port Huron.
Onajag 133791 Port Stanley.	51 35	1913 Wood Port Stanley.	Fishing boat	Port Stanley 13-10-17	 J. B. S.	Not issued.	Screw 13·5	Lake Erie	McPherson and Wilson, Port. Stanley.
Onawana 126712 St. John.	30 20	1909 Wood The Range, N.B.	Tug	St. John, N.B. 3-5-17	 C. E. D.	7-5-17 3-5-18	Screw 13·5	Inside Musquash Hd. and Spencer.	G. McKean Co., Ltd., St. John, N.B.
Ondot 130893 Victoria.	30 20	1912 Wood Proctor, B.C.	Tug	Nelson, B.C. 21-5-17	 W. J. C.	29-5-17 20-5-18	Screw 9·6	Kootenay lake	F. Cogle, Proctor, B.C.
Ongiara 90562 Toronto.	98 64	1885 Wood Toronto, Ont.	Pass 200	Toronto, Ont. 15-8-17	J. B. S.	Not issued.	Screw 6·5	Toronto bay	P. J. McSherry, Toronto, Ont.
Ontario 94485 Montreal, P.Q.	1615 1018	1890 Steel Owen Sound, Ont.	Ry. car ferry. Pass. 350.	Windsor, Ont. 11-10-17 9-10-17	J. D. W. E.	18-10-17 9-10-18	Paddle 166·6	Windsor and Detroit	Can. Pac. Ry., Montreal.
Ontario No. 1 125985 Montreal.	5146 3329	1907 Steel Toronto.	Pass 800 sum. 100 win.	Cobourg, Ont. 6-10-17 28-9-17 Second inspection. 27-11-16 2-10-16	 J. B. S. M. R. D.	6-10-17 28-9-18	Twin screw 292·8	Lake Ontario and Cobourg.	Ontario Car Co., Ltd., Montreal.
Ontario No. 2 137978 Montreal.	5567 3375	1915 Steel Toronto, Ont.	Pass 860-S. 679-W.	Cobourg, Ont. 9-11-17 16-5-17	 J. B. S. W. E.	10-11-17 9-11-18	Twin Screw 294·3	Cobourg and Lake Ontario ports.	Ontario Car Co., Ltd., Montreal.
Onward 111973 Saugeen, Mich.	22 15	1902 Wood Kincardine, Ont. 1915 Kincardine, Ont.	Fishing boat	Kincardine, Ont. 29-8-17	 J. D.	31-8-17 29-8-18	Screw 3·3	Lake Huron	J. McGaw, Kincardine, Ont.
Opcongo 126402 Ottawa.	121 77	1909 Composite Arnprior, Ont.	Tug	Arnprior, Ont. 22-5-17	 J. E. L.	31-5-17 31-5-18	Paddle 54	Chats lake	McLaughlin Bros., Arnprior.
Orchard City 133779 Victoria, B.C.	105 66	1912 Wood Kelowna, B.C.	Tug	Kelowna, B.C. 5-5-17	 W. J. C.	31-5-17 4-5-18	Twin screw 16·3	Okanagan lake	Kelowna Saw Mills Co., Kelowna, B.C.
Oriole 92431 Toronto, Ont.	75 48	1886 Wood Gravenhurst, Ont.	Pass 40	Gravenhurst, Ont 23-4-17 13-6-17	 J. D. S. D. A.	18-6-17 23-4-18	Screw 13·5	Muskoka lakes	Muskoka Lakes Nav. and Hotel Co., Toronto.
Orion 116932 Victoria, B.C.	109 40	1904 Steel Christiana, Norway.	Whaler	Victoria, B.C. 30-3-18	 B.M.	2-4-18 29-3-19	Screw 42	Coasting	Victoria. Whaling Co., Toronto.
Orleans 107235 Toronto.	269 183	1898 Steel Levis, P.Q.	Pass 650	Fort Erie 18-5-17 18-5-17	 J. B. S. W. E.	19-5-17 18-5-18	Screw 52·8	Ft. Erie and Buffalo	Buffalo and Fort Erie S.S. Co., Fort Erie.
Orontes 105040 Vancouver, B.C.	177 76	1895 Iron Beverley.	Fishing boat.	Halifax, N.S. 11-9-17 Vancouver, B.C. 26-4-17 Halifax, 10-9-17	 N.A.C. A. E. H. A. McD.	12-9-17 10-9-18	Screw 60	Coasting, B.C.	A. R. Loggie & Co. Loggieville, N.B.
Osprey 107138 Goderich, Ont.	42 28	1902 Wood Goderich, Ont.	Fishing boat.	Misery Bay, Ont. 14-7-16	 E. W. McK.	Not issued.	Screw 16·6	Lake Huron	J. & A. Purvis, Gore Bay, Ont.
Ossifrage 107488 Chatham, Ont.	632 303	1886 Wood West Bay City, Mich.	Pass. 724	Chatham, Ont. 8-6-17 14-6-17	 J. D. W. E.	11-6-17 7-6-18	Screw 61·9	Amhertsburg and Pt Huron.	Wm. Ball, Chatham, Ont.
Ossian Bedell 155414 Buffalo, N.Y.	296 192	1901 Steel Buffalo, N.Y.	Pass 650.	Buffalo, N.Y. 25-5-17 25-5-17	J. B. S. W. E.	28-5-17 25-5-18	Screw 19·9	Buffalo harbour and Niagara river.	Buffalo & Erie Beach Trans, Co., Buffalo, N.Y.

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Ostrea 138,065 Sorel	109 34	1916 Wood Sorel, P.Q.	Govt. service.	Pictou, N.S. 25-5-17	 N. A. C.	28-5-17 25-5-18	Screw 16·6	Coasting	Marine and Fisheries Dept. Ottawa.
Oswegatchie (Not registered.)	41 19	1902 Wood Ogdensburg, Ont. 1888 Ottawa.	Tender	Quebec, P.Q. 15-5-17	 J. A. S.	Not issued	Screw 9·3	St. Lawrence river	Minister of Public Works.
Ottawan 116650 Ottawa.	311 167	1904 Composite Ottawa.	Freight pass. 12.	Montreal, P.Q. 2-5-17 Montreal, P.Q. 2-5-17	 J. E. L. P. D.	2-5-17 2-5-18	Screw 16·5	Montreal and Ottawa	Ottawa Trans Co., Ottawa.
Otter 107832 Victoria.	366 232	1900 Wood Victoria, B.C.	Freight pass. 60.	Esquimalt, B.C. 4-4-17 4-9-17	 W. J. C. W. J. C.	5-4-17 4-4-18	Screw 26	Victoria, Vancouver and Gulf Isd. Points.	Can. Pac. Ry., Montreal.
Otter 138071 Ottawa, Ont.	21 12	1895 Wood 1915 Kippawa, Ont.	Warp tug	Kippawa, Ont. 24-7-17	 J.E.L.	Not issued	Paddle 2·7	Lake Kippawa	John Lumsden, Ottawa.
Otter 121911 Kenora, Ont.	16 11	1905 Wood 1916 Kenora, Ont.	Fishing tug	Kenora, Ont. 6-10-17	 W. A. V.	6-10-17 6-10-18	Screw 1·8	Lake of the Woods	The Armstrong Trading Co., Kenora, Ont.
Overland 134520 Sarnia, Ont.	758 398	1881 Wood Bay City, Mich.	Freight	Sarnia, Ont. 3-11-17 Detroit. 3-11-17	J.D. W.E.	5-11-17 3-11-18	Screw 54	Lakes and rivers	Reid Wrecking Co., Sarnia, Ont.
Owana 150813 Detroit.	747 420	1899 Steel Wyandotte, Mich.	Pass. 1,335	Detroit, Mich. 9-5-17 12-6-17 Sarnia.	 J. D. W. E.	5-6-17 15-5-18	Paddle 73·4	Port Huron and Toledo.	White Star Line, Detroit.
Owen 122396 Victoria.	44 30	1901 Wood Tacoma, U.S.A.	Tug	Vancouver 7-9-17	 A. F. H.	11-9-17 6-9-18	Screw 10·7	Vancouver and Strs. Georgia.	Marion Tugboat Co., Ltd.,
Oyama 117047 Barrington, N.S.	44 28	1905 Wood Port Clyde, N.S.	Pass. 39	Barrington Passage, N.S. 14-7-17 14-7-17	 N. A. C. A. McD.	19-7-17 14-7-18	Screw 8·2	Barrington and Cape Island.	Barrington and Cape Isd., Steam Ferry Co., Barrington, N.S.
P.B. & Co. Ltd. No. 1		1912 Wood Simcoe.	Tug	Kenogami 17-5-17	J. A. S.	Not issued.	Twin screw 3	Lake Kenogami	Rice Bros. & Co. Ltd Quebec
P. B. & Co. Ltd. No. 2		1914 Wood Simcoe	Tug	Kenogami 17-5-17	 J. A. S.	Not issued.	Twin screw 3	Lake Kenogami	Rice Bros & Co. Ltd. Quebec
P. B. & Co. Ltd. No. 4		1917 Wood Lake Kenogami		Kenogami 17-5-17	J. A. S.	Not issued.	Paddle 4	Lake Kenogami	Rice Bros & Co. Ltd. Quebec
P. B. McNaughton 134516 Sarnia, Ont.	67 30	1888 Wood East Saginaw, Mich.	Tug	Pt. Huron, Ont. 5-5-17	 J.D.	12-5-17 4-5-18	Screw 10·8	Lakes, etc.	Chas. E. Millard, Sarnia, Ont.
P. S. Hiesordt 92286 Owen Sound.	45 31	1887 Wood Owen Sound.	Tug	Cutler, Ont. 1-9-17	 G. M. A.	Not issued	Screw 14·1	Little Current and Sault Ste. Marie.	W. J. Bell, Sudbury, Ont.

P. W. D. No. 102		1910 Wood. Simcoe	Tug	Chicoutimi. 22-5-17	J. A. S.	Not issued.	Twin screw. 3	Saguenay River	Minister of P. W. Dept.
Paipoonge 130840 Port Arthur.	2,517 1,565	1888 Steel. Cleveland, O.	Freight	Pt. McNicoll, Ont. 18-4-17 19-4-17	G. M. A. S. D. A.	23-4-17 19-4-18	Screw. 185·5	All lakes and rivers	Canadian Northwest S.S. Co., Toronto.
Pappoose 100756 Windsor, Ont.	57 39	1893 Wood. Bronte, Ont.	Pass. 40.	Amherstburg, Ont. 9-6-17 Detroit. 6-6-17	J. D. W. E.	11-6-17 6-6-18	Screw. 10·7	Amherstburg and Port Huron.	A. H. Clarke, Windsor, Ont.
Gasoline Paridie 137893 Toronto, Ont.	18 8	1915 Wood. Toronto, Ont.	Pass. 16	Napanee, Ont. 30-5-17 Picton. 6-7-17	T. P. T. M. R. D.	7-7-17 6-7-18	Screw. 1	Napanee and Picton.	Albert S. Ward, Toronto, Ont.
Parima 96643 Montreal	2,990 1,874	1889 Steel. New Castle Eng	Pass. 100	New York. 23-11-17	J. E. L.	23-11-17 19-11-18	Screw. 271	New York & West Indies	Canada S.S. Lines.
Passepartout 134486 Montreal, P.Q.	29 13	1912 Wood. Montreal, P.Q.	Tug	Montreal, P.Q. 19-4-17	J. T. G.	26-4-17 19-4-18	Screw. 2·7	Montreal harbour	Harbour Commissioners of Montreal.
Pattie II. 116647 Ottawa.	51 38	1904 Steel. Quyon, P.Q.	Tug	Quyon, P.Q. 21-5-17	J. E. L.	31-5-17 31-5-18	Screw. 6·5	Aylmer and Quyon	Upper Ottawa Improvement Co., Ottawa.
Pawnee 111168 Sydney.	107 65	1890 Wood. Athens, N.Y.	Pass	Sydney, N.S. 2-5-17	D. J. M.	Not issued	Screw. 23·9	Sydney and N. Sydney.	Cape Breton Electric Co., Sydney, N.S.
Paystreak 126279 New Westminster	280 129	1910 Wood. New Westminster.	Tug	Vancouver 25-10-17	A. E. H.	26-10-17 1-3-18	Stern wheel. 9·6	Between Vancouver Isd. Valley, Geleane Mayne and Tender Isds.	Canadian Kelp Products, Ltd., Vancouver, B.C.
Peel 122683 Montreal	105 117	1909 Steel. Sorel	Tug	Port Burwell. 30-4-17	J. B. S.	5-5-17 30-4-18	Screw. 46·8	Dredge towing	P. W. Dept. Ottawa.
Peerless 97282 Sydney, N.S.	94 81	1884 Wood. New York, N.Y.	Pass. 320.	Sydney, N.S. 19-6-17 10-6-17	D. J. M. A. McD.	22-6-17 19-6-18	Screw. 32·5	Sydney and N. Sydney.	Cape Breton Electric Co., Sydney, N.S.
Peerless 111953 New Westminster	128 88	1904 Wood. New Westminster.	Tug	Vancouver, B.C. 3-5-17	H. G. R.	4-5-17 14-4-18	Screw. 39·2	Vancouver & Strs. of Georgia.	Westminster Towing & Fish Co., New Westminster.
Pekin 107328 Liverpool, N.S.	85 50	1910 Wood. Moss River, N.S.	Tug. freight.	Georgetown, P.E.I. 5-7-17	C. E. D.	10-7-17 5-7-18	Screw. 16·7	Inside C. Bear and Souris Head.	McKinnon Bros., Montague, P.E.I.
Pelee 130388 Amherstburg.	538 243	1914 Steel. Collingwood.	Pass. 300.	Windsor, Ont. 7-6-17 13-6-17	J. D. W. E.	11-6-17 6-6-16	Screw. 58·4	Windsor and Sandusky.	Windsor and Pelee Isd. Steamboat Co., Pelee Island, Ont.
Pembroke 103434 Ottawa.	194 122	1895 Wood. Pembroke, Ont.	Tug	Fort Coulonge 22-5-17	J. E. L.	31-5-17 22-5-18	Paddle. 9·1	Upper Ottawa river	Upper Ottawa Improvement Co., Ottawa.
Penetang 111914 Toronto, Ont.	100 64	1901 Wood. Owen Sound, Ont.	Tug	Toronto, Ont. 14-8-17	J. B. S.	15-8-17 14-8-18	Screw. 27·3	Lake Ontario and bay.	The Lake Shore Sand & Gravel Co., Toronto, Ont.
Percesian 117146 Quebec.	782 502	1893 Steel. Kinghorn, G.B. 1914 Repaired.	Pass. frt. 68.	Quebec 9-4-17 4-4-17	J. A. S. P. D.	14-4-17 9-4-18	Screw. 131	Montreal and Baie des Chaleurs.	Gaspé and Baie de Chaleur S.S. Lines, Quebec.
Percy Cann 100531 Digby, N.S.	80 56	1892 Wood. Meteghan, N.S.	Pass. 20 frt.	Mulgrave 16-7-17 8-8-17.	D. J. M. A. McD.	10-8-17 6-8-18	Screw. 13·5	Yarmouth & Guysboro.	H. Cann & Son, Yarmouth.
Père Marquette 14 200611 Detroit, Mich.	2,531 1,656	1904 Steel. Wyandotte, Mich.	Ferry	Windsor, Ont. 11-10-17 12-10-17	J. D. W. E.	18-10-17 11-9-18	Twin screw. 221·9	Windsor and Detroit.	Père Marquette Ry., Detroit, Mich.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued—Expires. — Certificat: Délivrance-Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Peter Pan Second	190	1917 Wood	Freight	Collingwood	G. M. A.	Not issued.	Screw	Windsor etc class IV	Ont. Freight & Gravel Co Ltd. Windsor.
138571 Windsor	58	Collingwood		9-10-17			34·6		
Peter Paul	31	1908 Wood	Tug	Bradleys Bay, Ont.		14-9-17	Screw	Trent canal	Dredging Dock Co., Toronto, Ont.
Midland, Ont.	21	Penetang, Ont.		5-9-17	T. P. T.	5-7-18	1-8		
Petit Demon	7	1910 Wood	Tug	Bonaventure, P.Q.		31-7-17	Screw	Bonaventure bay	Angus McLean, Montreal, P.Q.
103829 Paspebiac, P.Q.	5	Bonaventure, P.Q.		25-7-17	J. A. S.	25-7-18	1·2		
Petrel	134	1906 Steel	Tug	Vancouver, B.C.	A. E. H.	18-3-18	Screw	Vancouver harbour	Minister, Public Works, Ottawa.
121874 Victoria.	58	Victoria, B.C.		12-3-18		10-3-19	23·2		
Phoenix	29	1900 Wood	Tug	Huntsville, Ont.	J. T. G.	7-7-17	Screw	Huntsville and vicinity.	Huntsville, Lake of Bays & Lake Simcoe Nav. Co., Huntsville, Ont.
111571 Toronto.	19	Huntsville, Ont.		14-6-17		4-6-18	7·3		
Phoenix	87	1896 Wood	Tug	Victoria, B.C.		16-6-17	Screw	Coasting	Bell, Irving *et al*, Vancouver, B.C.
103480 Vancouver, B.C.	54	Ballard, U.S.A.		15-6-17	W. J. C.	14-6-18	10·7		
Pierrepont	251	1871 Composite	Pass. 375	Sorel, P.Q.		19-7-17	Paddle	Montreal and Ile St. Helene.	Canada Steamship Lines, Montreal, P.Q.
Kingston, Ont.	152	Kingston.		5-5-17	F. X. H.	15-5-18	24·4		
				Montreal, 9-7-17	P. D.				
Pikouagami	57	1902 Composite.	Pass. frt.	Roberval, P.Q.		14-8-17	Stern wheel	Lake St. John	C. Lindsay, Roberval, P.Q.
125991 Quebec	36	Roberval, P.Q.		7-8-17	J. A. S.	9-8-18	3·2		
Pine Pass	42	1915 Wood	Freight	Peace River	J. T. M.	26-5-17	Screw	Hudsons' Hopeto Vermilion Chute.	Smoky & Peace River boat Co.
134606 Winnipeg	29	Prudee Crossing	Pass.	26-5-17		26-5-18	4		
Pinola	34	1894 Wood	Tug	Sault Ste. Marie		8-11-17	Screw	St. Mary river	Algoma Dredging Co., Ltd., Sault Ste. Marie, Ont.
134387 Sault Ste. Marie.	18	Cleveland, O.		27-8-17	G. M. A.	27-8-18	4·8		
Pleasure	490	1894 Wood	Pass. 1,145.	River Detroit, Mich.		16-6-17	Screw	Detroit River	Detroit and Windsor Ferry Co., Detroit, Mich.
150670 Detroit, Mich.	293	West Bay City.	792 lake.	10-5-17	J. D.	11-5-18	96·3		
				9-6-17	W. E.				
Plessis	559	1910 Steel	Pass. 410	Lauzon, P.Q.		14-11-17	Screw	Quebec harbour, Quebec & Lévis.	Levis Ferry Co., P.Q.
126925 Quebec.	338	Levis, P.Q.	Frt.	12-10-17	J. A. S.	12-10-18	87·1		
				Quebec, 13-11-17	P. D.				
Plunger	57	1912 Wood	Tug	Vancouver, B.C.		27-8-17	Screw	Vancouver & Straits of Georgia.	B. T. Brynelson, Vancouver.
131152 Vancouver.	38	Vancouver, B.C.		25-8-17	H. G. R.	24-8-18	11·2		
Point Ellice	163	1911 Steel	Tug	Victoria, B.C.		31-10-17	Screw	Coasting, B.C.	Minister, Public Works, Ottawa.
130897 Victoria.	69	Vancouver, B.C.		9-10-17	B. M.	8-10-18	47		
Point Grey	238	1912 Steel	Tug	Vancouver		23-2-18	Screw	Vancouver harbour and Georgia Straits.	Minister, Public Works, Ottawa.
130917 Vancouver.	162	North Vancouver.		21-2-18	H. G. R.	8-2-19	62·9		
Point Hope	66	1910 Wood	Tug	Victoria, B.C.		20-9-17	Screw	Victoria Harbour	Minister, Public Works, Ottawa.
130310 Vancouver.	45	Vancouver, B.C.		19-9-17	B. M.	18-9-18	17		

Pollux 122457 Ottawa.	88 23	1907 Steel Pembroke, Ont.	Tug	Pembroke, Ont 23-5-17	J. E. L.	31-5-17 23-5-18	Paddle 3·3	Pembroke & Des Joachims.	Upper Ottawa Improvement Co., Ottawa.
Polana 126930 Quebec.	296 86	1911 Steel Kingston.	Quarantine tender.	Levis, P.Q. 14-4-17	J. A. S.	Not issued.	Screw 54	Grosse Ile and Quebec	Minister of Agriculture, Ottawa.
Polarine 134107 Vancouver, B.C.	23 13	1914 Wood Vancouver, B.C.	Pass. 20	Vancouver, B.C. 8-6-17 8-6-17	H. G. R. H. G. R.	9-6-17 30-5-18	Screw 4	Vancouver and Indian river.	Imperial Oil Co., Ltd., Vancouver.
Pontiac 135209 Detroit.	229 128	1876 Wood Detroit.	Pass	Detroit 5-4-17	J. D.	16-6-17 5-5-17	Screw 16	Windsor and Detroit	Detroit & Windsor Ferry Co. Detroit.
PortAlberni 138775 Victoria	35 24	1917 Wood Port Alberni	Tug	Port Alberni 12-12-17	W. J. C.	2-1-18 21-12-17	Screw 7	Alberni Canal etc. Class IV.	J. R. Croll, Alberni B.C.
Portneuf 133905 Sorel, P.Q.	104 31	1905 Wood Sorel, P.Q.	Tug	Sorel 12-4-17	F. X. H.	Not issued.	Screw 20·2	Montreal & Quebec	Minister, Marine and Fisheries, Ottawa.
Premier 98964 London, G.B.	374 188	1891 Steel Ayr, G.B.	Naval Service	Halifax, N.S. 28-5-17 28-5-17	N. A. C. A. McD.	28-5-17 28-5-18	Screw 80·6	Halifax and coastwise	Canadian Dredging Co., Midland, Ont.
Premier 92735 Toronto.	337 219	1888 Wood Hamilton, Ont. 1906 Collingwood.	Pass 356	Sault Ste. Marie 13-5-17 26-5-17	G. M. A. S. D. A.	5-6-17 26-5-18	Screw 26·1	Sault Ste. Marie and Thessalon.	The Premier SS. Line, Sault Ste. Marie.
Premier 122444 St. John N.B	195 133	Wood 1907 Clifton N.B. 1915 Meteghan N.S.	Freight	St John N.B. 4-10-17	C. E. D.	13-10-17 15-12-17	Screw 20	St. John River & Grand Lake.	David Coy St. John, N.B.
President 203813 New York.	5218 2393	1906 Steel Camden, N.J.	Freight Pass. 531	Victoria, B.C. 23-3-18 23-3-18	W. J. C. B. M.	23-3-18 20-1-19	Screw 413	Seattle: Victoria-San Francisco.	Pacific Coast S.S. Co., New York.
Primrose 94990 Toronto.	189 119	1890 Steel Toronto, Ont.	Ferry 900	Hanlans Point 25-4-17 Toronto 6-6-17	J. B. S. W. E.	9-6-17 6-6-18	Paddle 41·6	Toronto bay	Toronto Ferry Co., Toronto.
Prince Albert 107849 Yarmouth, N.S.	127 64	1901 Wood Shelburne, N.S.	Pass	Parrsboro, N.S. 30-4-17	N. A. C.	1-5-17 27-4-18	Screw 24	Parrsboro and Wolfville.	Dominion Atlantic Ry. Co., Kentville, N.S.
Prince Arthur 110131 Yarmouth, N.S.	2188 923	1899 Steel Hull, G.B.	Pass 434	Boston, Mass. 9-4-17 6-4-17	N. A. C. A. McD.	17-4-17 6-4-18	Twin screw 3413	Yarmouth and Boston	Boston and Yarmouth S.S. Co., Montreal.
Prince Edward Ferry 80955 Picton, Ont.	18 12	1885 Wood Deseronto, Ont. 1903 rebuilt.	Ferry Pass. 10	Glenora, Ont. 16-5-17 6-7-17	T. P. T. M. R. D.	23-11-17 31-12-17	Paddle 1·6	Glenora and Adolphustown.	Wm. Powles, Picton, Ont.
Prince Edward Island 134206 Charlottetown, P.E.I.	2795 1110	1915 Steel Newcastle, G.B.	Ferry 347	Pictou and Montreal 9-7-17 9-7-17	J. E. L. T. McC.	12-9-17 9-7-18	Twin screw 518	Pictou and Charlottetown.	Minister of Railways, Ottawa, Ont.
Prince George 129748 Newcastle, Eng.	3372 1025	1910 Steel Wallsend, Eng.	Freight Pass. 381	Prince Rupert, B.C. 19-2-18 5-2-18	A. F. A. F.	19-2-18 18-2-19	Twin screw 385·5	Seattle, Victoria, Vancouver, Prince Rupert and Skagway.	Swan-Hunter-Wigham, Wallsend, Eng.
Prince Ito 126476 Halifax, N.S.	473 321	1900 Steel Holland	Freight	Cornwall, P.Q. 26-4-17 26-4-17	J. E. L. M. R. D.	14-6-17 26-4-18	Screw 45·6	Montreal and Three Rivers.	The W. Poupore Co., Montreal, P.Q.
Prince John 129472 Prince Rupert.	904 540	1910 Steel Bowling, Eng.	Freight Pass. 174	Prince Albert, B. C. 16-12-18 5-1-18	A. F. B. M.	7-1-18 28-12-18	Screw 103	Victoria, Prince Rupert and Skagway.	Grand Trunk Pac. Development Co., Montreal, P.Q.
Prince Shoal 96889 Ottawa.	142	Iron.	Light Ship	Quebec 3-4-17	J. A. S.	Not issued.			M. & F. Dept.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Prince Rupert	3379	1910 Steel	Freight	Prince Rupert, B.C.		31-1-18	Twin screw	Victoria, Seattle & Skagway.	Swan-Hunter *et al*, Newcastle, Eng.
129743 Newcastle.	1626	Wallsend-on-Tyne.	Pass. 395	24-1-18 31-1-18	A. F. A. F.	10-1-19	118·8		
Princess	542	1896 Steel	Fishery service.	Quebec	J.A.S.	Not issued.	Screw	Coasting Canada	Minister of Marine and Fisheries, Ottawa.
103599 Charlottetown.	252	Grangemount, G.B.		2-4-17			90·4		
Princess Adelaide	3060	1910 Steel	Freight	Victoria, B.C.		29-1-18	Screw	Victoria, Vancouver and Skagway.	Can. Pac. Ry., Montreal, P.Q.
126948 Victoria, B.C.	1910	Glasgow, Scot.	Pass. 480	28-1-18 28-1-18	W. J. C. W. J. C.	27-1-19	274·4		
Princess Alice	3099	1911 Steel	Freight	Victoria, B.C.		16-3-18	Screw	Victoria, Seattle, Vancouver and Skagway.	Can. Pac. Ry., Montreal. P.Q.
130609 Victoria, B.C.	1904	Wallsend, Eng.	Pass. 402	16-3-18 11-3-18	W. J. C. W. J. C.	9-3-19	239·9		
Princess Beatrice	1290	1903 Wood	Freight	Victoria, B.C.	B.M.	21-5-17	Screw	Victoria-Prince Rupert.	C.P.Ry. Co., Montreal, P.Q.
116405 Victoria, B.C.	635	Victoria, B.C.	Pass. 146	16-5-17 18-5-17	B.M.	15-5-18	124·7		
Princess Charlotte	3844	1908 Steel	Freight	Victoria, B.C.	W. J. C.	30-4-17	Screw	Victoria, Seattle and Skagway.	Can. Pac. Ry., Montreal, P.Q.
126236 Victoria, B.C.	1999	Glasgow, Scot.	Pass. 215	27-4-17 28-4-17	W. J. C.	27-4-18	313·8		
Princess Ena	1368	1907 Steel	Freight	Vancouver, B.C.	H.G.R.	18-2-18	Screw	Vancouver & Coasting	C. P. Ry. Co., Montreal P.Q.
122387 Victoria, B.C.	827	Garston, G.B.		9-2-18 8-2-18	H.G.R.	7-2-18	75		
Princess Louise	26	1879 Wood	Tug	Cornwall, Ont.		17-9-17	Screw	Cornwall canal	H. F. Cummings, Cornwall, Ont.
77903 Cornwall, Ont.	18	Ogdensburg, N.Y. 1888 Dundee, P.Q.		11-9-17	T. P. T.	17-8-18	3·3		
Princess Maquinna	1777	1913 Steel	Freight	Victoria, B.C.	W.J.C.	14-6-17	Screw	Victoria & Holberg	Can. Pac. Ry., Montreal, P.Q.
133769 Victoria, B.C.	979	Victoria, B.C.	Pass. 118	13-6-17 6-6-17	W. J. C.	5-6-18	146·8		
Princess Mary	2155	1910 Steel	Freight	Victoria, B.C.	B. M.		Twin screw	Victoria & Vancouver	Can. Pac. Ry., Montreal.
126950 Victoria, B.C.	1346	Paisley, Scot. 1914 Esquimalt	Pass. 440	3-6-17 5-5-17	B. M.		195		
				2nd inspection, 26-3-18 26-3-18	B. M. B. M.	3-4-18 25-3-19			
Princess May	1717	1888 Steel	Freight	Victoria, B.C.	W. J. C.	30-4-17	Twin screw	Victoria, Vancouver & Skagway.	Can. Pac. Ry., Montreal. P.Q.
109860 Vancouver, B.C.	892	Newcastle-on-Tyne. 1906 Victoria, B.C.	Pass. 164	28-4-17 5-5-17	W. J. C.	27-4-18	250·8		
Princess Patricia	1157	1902 Steel	Freight	Victoria, B.C.	B. M.	2-3-18	Triple screw	Nanaimo, Vancouver	Can. Pac. Ry., Montreal, P.Q.
115685 Victoria, B.C.	535	Dumbarton, Scot.	Pass. 289	27-2-18 18-2-18	B. M.	25-2-19	450		
Princess Royal	1997	1907 Wood	Freight	Victoria, B.C.	B. M.	22-6-17	Screw	Victoria and Skagway.	Can. Pac. Ry., Montreal, P.Q.
121988 Victoria, B.C.	981	Victoria, B.C.	Pass. 274	14-6-17 15-6-17	B. M.	13-6-18	143·6		
Princess Sophia	2320	1912 Steel	Freight	Vancouver, B.C.	W. J. C.	27-3-18	Screw	Victoria and Skagway.	Can. Pac. Ry., Montreal, P.Q.
130620 Victoria, B.C.	1466	Paisley, Scot.	Pass. 328	4-5-17 22-3-18 26.3-18	H. G. R.	22-3-19	181·7		

Princess Victoria 115953 London,	1943 428	1903 Steel Newcastle-on-Tyne.	Freight Pass. 490	Victoria, B.C. 29-5-17 31-5-17	 B. M. B. M.	2-6-17 28-5-18	Twin screw 404	Victoria, Vancouver and Seattle.	Can. Pac. Ry., Montreal, P.Q.
Proctor 107727 Vancouver	43 29	1900 Wood Nelson, B.C.	Tug	Trout Lake 24-5-17	W. J. C.	30-5-17 23-5-18	Screw 14	Trout Lake Class IV	C.P.R. Montreal.
Progressive 122158 Vancouver, B.C.	88 60	1906 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 15-1-18	 A. E. H.	17-1-18 14-1-19	Screw 33·7	Vancouver and Straits of Georgia.	Kingcome Nav. Co. Ltd., Vancouver, B.C.
Promise 150590 Detroit, Mich.	473 296	1892 Wood Detroit, Mich.	Ferry	Detroit Windsor 10-5-17 9-6-17	 J. D. W. E.	16-6-17 25-5-18	Screw 40·4	Detroit river	Detroit and Windsor Ferry Co., Detroit, Mich
Pronative 131153 Vancouver, B.C.	55 37	1912 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 17-11-17	 H. G. R.	17-11-17 19-10-18	Screw 15·5	Vancouver & Straits of Georgia.	Progressive Steamboat Co., Vancouver, B.C.
Pro Patria 83 St. Pierre Miquelon.	548 215	1905 Steel Troon, Scot.	Pass. 60	Halifax, N.S. 21-4-17 21-4-17	N. A. C. A. Mc. D.	21-4-17 21-4-18	Screw 90·4	Halifax & St. Pierre	LaMoon Francais Pechers, Paris.
Protective 131025 Victoria	73 50	1912 Wood Vancouver.	Tug	New westminster 15 & 19-5-17	H. G. R.	19-5-17 14-5-18	Screw 19	Vancouver & Georgia Sts. Class IV G. T.	Monarch Tow. & Trade Co. New West.
Protesilaus 128014 Liverpool, G.B.	9,547 6,118	1909 Steel Newcastle, G.B.	Freight	Seattle, U.S.A. 23-1-18	 A.E.H.	Not issued.	Twin screw 208	Foreign-going	The China Mutual S. Nav. Co., Ltd., Liverpool, G.B.
Puffing Billy 122493 Chatham, N.B.	9 9	1903 Wood Shippigan, N.B.	Tug	L'Anse aux Cousins 26-7-17	 J.A.S.	31-3-17 26-7-18	Paddle 1·2	Dartmouth river	J. H. Taylor, Campbellton, N.B.
Put-in-Bay 208636 Detroit.	1,183 731	1911 Steel Wyandotte, Mich.	Pass. 327	Detroit 18-7-17	J. D.	20-7-17 4-6-18	Screw 209	Detroit & Sandusky	Ashley & Dustin Star Line Detroit.
Quadra 96899 Vancouver.	683 375	1891 Steel Paisley, Scot.	Freight	Victoria, B.C. 31-10-17 30-10-17	W. J. C. W. J. C.	31-10-17 30-10-18	Screw 120	Britannia Beach, Tacoma.	Britannia Mining Co., Britannia Beach, B.C.
Qualicum 130607 Victoria, B.C.	200 98	1904 Steel Philadelphia, Pa.	Tug & Pass. 16	Vancouver, B.C. 12-1-18 12-1-18	A. E. H. A. E. H.	16-1-18 3-1-19	Screw 46·6	Victoria and Vancouver coasting.	Can. Pac. Ry., Montreal, P.Q
Quebec 96916 Kingston, Ont.	108 60	1867 Wood Bedford Mills.	Sand barge	Ottawa, Ont. 18-6-17	I. E. L.	28-6-17 18-6-18	Screw 6·5	Ottawa & Buckingham	Brooks and Beaton, Ottawa.
Quebec 122405 Montreal.	3497 2012	1865 Sorel. 1906 Steel	Pass. 480 Freight.	Montreal 19-4-17 4-5 17	F. X. H. P. D.	15-5-17 4-5-18	Paddle 120	Montreal and Quebec	Canada Steamship Lines, Montreal, P.Q.
Queen 134285 Victoria	115 65	1914 Wood New Westminster.	Tug	Vancouver 12-4-17 2nd In'sp. n 2-3-18	H. G. R.	30-3-18 1-3-19	Screw 23	Vancouver & Gorgia Sts	Queen City Trad. & Trans;. Co., Victoria.
Queen 20587 New-York.	2,729 1,672	1882 Iron Philadelphia U.S.A.	Freight & Pass. 309	Seattle 7-12-17	B. M.	20-12-17 20-9-18	Screw 218·4	Seattle, Victoria San Francisco.	Pacific Coast Co., Seattle.
Queen 92335 Quebec.	367 249	1886 Wood Levis.	Pass.	Quebec 26-9-17	J. A. S.	16-10-17 26-9-18	Screw 74		Que. & Levis Ferry Co. Quebec.
Queen City 103482 Victoria, B.C.	391 181	1894 Wood Vancouver, B.C.	Freight	Vancouver, B. C. 30-10-17 30-10-17	H.G.R. H.G.R.	31-10-17 29-10-18	Screw 34	Vancouver Seattle and Amyox, B.C.	Can. Pac. Ry., Montreal, P.Q.
Queen of the Isles 90567 Toronto, Ont.	40 27	1885 Wood Orillia, Ont. 1906 Bracebridge, Ont.	Tug. Pass.	Gravenhurst, Ont 30-5-17	B. M. S.T.G.	Not issued.	Screw 11·1	Muskoka lakes and rivers.	Muskoka Leather Co., Bracebridge.

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Quinitsa	30	1914 Wood	Tug	Ocean Falls, B.C.		25-5-17	Screw	Ocean Falls & Cousens Inlet.	H. B. Babington, Prince Rupert.
134413 Vancouver, B.C.	22	Vancouver, B.C.		25-5-17	A. E. H.	24-5-18	9·3		
R. H. Dobson	44	1902 Wood	Fishingboat	Southampton, Ont.		2-10-17	Screw	Lake Huron	J. B. McLeod, Southampton, Ont.
111971 Saugeen, Ont.	30	Goderich, Ont.		28-8-17	J. D.	28-8-18	13·5		
R. J. Morrill	40	1901 Wood	Fishingboat	Meaford, Ont.		Not issued.	Screw	Georgian bay and Bustard isles.	James Pilgrim, Meaford, Ont.
111853 Owen Sound, Ont.	27	Meaford, Ont. 1916 Collingwood.		13-9-17	G. M. A.		13·5		
R. R. Call	23	1904 Wood	Pass.	Dalhousie, N.B.		10- 9-17	Screw	Dalhousie, N. B. to Carleton, P.Q.	F. J. Allard, Carleton, P.Q.
116472 Chatham, N.B.	16	Chatham, N.B.	30	5-9-17	C. E. D.	30-12-17	8·2		
				5-9-17	W.R.B.				
R. R. Foster	135	1912 Wood	Sand barge.	Ottawa		28-6-17	Screw	Ottawa and Grenville	Rideau Canal Supply Co., Ottawa, Ont.
130647 Ottawa, Ont.	82	Ottawa, Ont.		18-6-17	J. E. L.	8-6-18	4·8		
Racey	25	1903 Steel	Fishingboat	Port Dover, Ont.		29-11-17	Screw	Lake Erie	H. W. Ainsley, Port Dover, Ont.
100630 Port Dover, Ont.	17	Buffalo, N.Y.		27-7-17	J. B. S.	27- 7-18	4		
Ragus	78	1917 Wood	Pass.	Halifax	N. A. C.	21-11-17	Screw	Halifax Harbour	Acadia Sugar Refin. Co., Halifax.
138348 Halifax	43	Mahone Bay.		11-22-10-18		22-10-18	18		
Rainbow	56	1909 Wood	Pass.	Peterboro, Ont.		25-8-17	Screw	Trent Valley canal	Burnett and Simpson, Birdsall, Ont.
103906 Peterboro, Ont.	38	Birdsall, Ont.	196	6-8-17	T. P. T.	10-7-18	9·4		
				14-8-17	W. E.				
Ralph, E. S.	28	1886 Wood	Fishing tug.	Halifax, N.S.		27-3-18	Screw	Coasting	The Tug Ralph E. S., Ltd, Halifax, N.S.
90725 Halifax, N.S.	19	Mahone Bay, N.S.		26-3-18	N.A.C.	26-3-19	15·3		
Ralph T. Holcomb	375	1898 Wood	Freight	Cardinal, Ont.		13-6-17	Screw	Erie and Montreal	Edwardsburg Starch Co., Cardinal, Ont.
116400 Sarnia, Ont.	165	Marine City, U.S.		27-4-17	T. P. T.	27-4-18	41·6		
				14-5-18	M. R. D.				
Ramona	102	1894 Wood	Pass.	N. Portage, Ont.		Not issued.	Screw	Huntsville and vicinity	Huntsville, Lake of Bays and Lake Simcoe Nav. Co., Huntsville, Ont.
100397 Brockville, Ont.	83	Hamilton, Ont. 1908 Huntsville, Ont.		1-6-17	J.T.G.		8·1		
Randolph	9	1894 Wood	Tug	St. John, N.B.		4-4-17	Twin screw	Inside Cape Spencer and Musquash Head.	St. John River Log Driving Co., Fredericton, N.B.
103259 St. John, N.B.	6	St. John, N.B. 1902 Fredericton.		25-4-17	C. E. D.	21-5-18	15·5		
Rapids King	1,801	1907 Steel	Pass.	Sorel, P.Q.	F.X.H.	15-6-17	Twin screw	Montreal and Prescott	The Canada Steamship Lines, Montreal, P.Q.
122607 Montreal, P.Q.	1,200	Toronto, Ont.	500	15-5-17	P.D.	18-5-18	174·4		
				15-6-17					
Rapids Prince	1384	1911 Steel	Pass.	Sorel, P.Q.		2-6-17	Twin screw	Montreal and Brockville	Canada S.S. Lines, Montreal, P.Q.
130418 Montreal, P.Q.	955	Toronto, Ont.		7-5-17	F. X. H.	7-5-18	102		
				2-6-17	P. D.				
Rapids Queen	1307	1909 Steel	Pass.	Sorel, P.Q.	F. X. H.	Not issued.	Twin screw	Montreal and Prescott	Canada S.S. Line, Montreal
101254 Montreal.	770	Sorel, P.Q.	422	5-6-17			96		
Ray Stanton	34	1910 Wood	Tug	Kingston		22-5-17	Screw	Brighton and Montreal	G. Pyke, Wolfe Island, Ont.
130231 Kingston, Ont.	20	Collingwood.		21-5-17	T. P. T.	21-5-18	8·4		

Red Fir 85674 Victoria, B.C.	67 45	1884 Wood New Westminster.	Tug	Victoria, B.C. 21-8-17	W.J.C.	22-8-17 21-8-18	Screw 16·7	Coasting	Chas. Bruce, Victoria, B. C.
Red Island No. 3 96888 Quebec, P.Q.	152	Iron	Lightship	Quebec, P.Q. 19-4-17	J. A. S.	Not issued.		Stationed at Red Isd	Minister, Marine and Fisheries, Ottawa.
Regal R 138179 Prince Rupert	8 6	1910 Wood Prince Rupert.	Freight Passenger 12	Prince Rupert 22-8-17	A. F.	22-8-17 15-9-17	Screw 3	Prince Rupert etc. Class III C. T.	J. A. Swanson Prince Rupert.
Reginald 100654 Sarnia, Ont.	265 122	1894 Wood Garden Island, Ont.	Tug	Victoria harbour 19-9-17	G. M. A.	1-10-17 19-9-18	Screw 48·2	Georgian bay	Victoria harbour Lumber Co., Toronto, Ont.
Reginolite 138372 Sarnia.	2,642 1,33 2	1917 Steel Collingwood.	Oil Tanker.	Collingwood 4-10-17	G. M. A	11-10-17 11-10-18	Screw 124	Lakes, River & coasting	Imperial Oil Co. Lts. Toronto.
Reliable 126603 Chatham, N.B.	208 112	1901 Wood Wilmington, Del.	Tug	Halifax, N.B. 29-5-17 21-5-17	N. A. C. A.M.D.	29-5-17 25-5-18	Screw 48·2	Canadian and Foreign	Northern Dredging Co., Loggieville.
Reliance 85281 Montreal, P.Q.	239 169	1881 Wood Deseronto. 1899 Deseronto.	Freight	Montreal 12-5-17 9-6-17	J. E. L. P. D.	13-6-17 12-5-18	Twin screw 25·8	Valleyfield and Montreal.	Adolf. Lorner, Montreal, P.Q.
Reliance 97115 Sault Ste. Marie. Ont.	311 182	1892 Composite Collingwood, Ont. 1903. Midland.	Pass. tug 15	Sault Ste. Marie 14-5-17 25-8-17	G. M. A. S. D. A.	17-9-17 14-5-18	Screw 66·7	St. Mary's river	Lake Superior Paper, Co., Sault Ste. Marie. Ont.
Reliance 103166 Vancouver	36 25	1897 Wood NewWestminster.	Tug	Vancouver 21-10-17	A. E. H.	Not issued.	Screw 9	Vancouver etc. Class IV C.T.	Kingcome Nav. Co., Vancouver.
Rescue 88244 Port Arthur	52 36	1885 Wood Deseronto, Ont.	Tug	Port Arthur 7-6-17	W. T. V.	Not issued.	Screw 21	Port Arthur & Jackfish.	Superior Sandand Towing Co Co.
Reserve 85710 Ottawa, Ont.	114 37	1884 Wood Buffalo, N.Y. 1905 Prescott.	Tug Buoy service.	Sorel, P.Q. 12-4-17	F. X. H.	Not issued.	Screw 5·6	Montreal and St. Jean des Chaleurs.	The Public Works Dept., Ottawa.
Respond 133768 Victoria, B.C.	30 16	1913 Wood Vancouver, B.C.	Tug	Victoria, B.C. 4-7-17	W. J. C.	5-7-17 3-7-18	Screw 9·1	Coasting	W. E. Gardner, Victoria, B.C.
Restless 117159 New Westminster	76 53	1906 Wood New Westminster.	Fishery cruiser.	Esquimalt, B.C. 7-6-17	W. J. C.	12-6-17 6-6-18	Screw 16·	Esquimalt harbour	Minister, Marine and Fisheries, Ottawa.
Rex 122494 Chatham.	59 38	1907 Wood Chatham, N.B.	Tug	Chatham 24-7-17	C. E. D	13-8-17 24-7-18	Paddle 6	Escuminac Village etc.	J. W. Brankley Chatham.
Rex 122514 Vancouver, B.C.	14 9	1907 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 26-11-17	A. E. H.	3-12-17 25-11-18	Screw 5·6	Denman island, B.C. Comox channel.	G. A. Graham, Denman, Island, B.C.
Roy Ottawa (not registered.)	15 10	1909 Wood Peterboro.	Fire patrol	Smiths Ldg., Alta. 18-6-17	J. T. M.	Not issued.	Screw 1·2	Peace River and Slave river.	Dept. of Interior, Ottawa.
Richard W. (Ex Pueblo) 133822 Montreal.	1,493 905	1891 Wood Milwaukee.	Freight	Quebec 27-4-17	J. A. S.	27-4-17 27-4-18	Screw 88	Lake Erie and Father Point.	L. C. Webster, Montreal.
Richelieu 134370 Sorel, P.Q.	194 178	1915 Wood Sorel, P.Q.	Freight	Sorel, P.Q. 2-5-17 10-5-17	F. X. H. P.D.	2-5-17 2-5-18	Screw 13·5	Montreal and Quebec	J. L.B. LeClaire, Sorel, P.Q.
Richmond 117023 Sydney, N.S.	132 83	1884 Wood Levis, P.Q. 1905 Sydney.	Pass. 18	Grand Narrows, N.S. 10-5-17 8-5-17	D. J. M A. McD	16-5-17 10-5-18	Screw 20·2	Mulgrave and Grand Narrows.	Richmond Steamship Co., Sydney, N.S.

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Rideau Queen	351	1900 Wood	Frt.	Kingston		1-6-17	Screw	Trenton and Prescott	Rideau Lakes Nav. Co., Kingston, Ont.
107742 Kingston	195	Kingston.		3-9-17	T. P. T.	1-6-18	25		
				1-6-17	M. R. D.				
Rival	125	1873 Wood	Tug	Sorel, P.Q.		10-6-17	Paddle	Sorel-Chambly	Sincennes McNaughton Line, Montreal, P.Q.
66064 Montreal	36	Quebec, P.Q.		7-6-17	F. X. H.	7-6-18	34·1		
Riverside	90	1892 Wood	Pass. 300	Brockville, Ont.		17-7-17	Screw	St. Lawrence river and Massena.	Holmes Bros., Redwood, N.Y.
Alexander Bay, N.Y.		Buffalo, N.Y.		12-7-17	T. P. T.	12-5-18	28·1		
		1913 Rebuilt.		Prescott 11-7-17	M. R. D.				
Riverton	4,423	1896 Steel	Freight	Tiffin		23-4-17	Screw	Lakes and rivers	Mathews Steamship Co., Ltd., Toronto. Ont,
137898 Toronto, Ont.	2,684	Bay City, Mich.		13-4-17	M.A.	20-4-18	196·5		
				Midland					
				20-4-17	S.D.A.				
Rob G. Weddell	46	1907 Wood	Tug	Kingston, Ont.	J. B. S.	28-6-17	Screw	Toronto Bay	Robt.. Weddell, Trenton, Ont
122360 Kinsgton, Ont.	19	Trenton, Ont.		22-6-17		22-6-18	28		
Robert Downey	37	1893 Wood	Tug	Collingwood		5-10-17	Screw	North channel & Georgian Bay.	C. S. Boone, Dredg. & Cons. Co., Ltd., Toronto.
112191 Chatham, Ont.	25	Buffalo, N.Y.		5-10-17	G. M. A.	28-7-18	8·5		
Robert G. Cann	265	1911 Wood	Pass. frt.	Pictou, N.S.		25-7-17	Screw	Mulgrave and Canso	H. Cann & Son, Yarmouth, N.S.
130622 Yarmouth, N.S.	112	Shelburne, N.S.	67	24-7-17	N. A. C.	24-7-18	41·6		
				24-7-17	A. McD.				
Robert K	57	1917 Wood	Fishing	Port Dover	J. B. S.	Not issued.	Screw	Lake Erie	W. F. Kolbe Port Dover.
126648 Port Dover.	39	Port Dover.	Tug.	13-11-17			17		
Robert McDonald	97	Wood	Freight	Kingston	T. P. T.	9-6-17	Screw	Bay of Quinte & St. Lawrence.	A .& G. Sudds, Kingston.
94921 Kingston.	50	1890 Pictou.		6-6-17		6-6-18	18		
		1915 Rebuilt Kingston.							
Robert MacKay	129	1899 Steel	Tug	Montreal		8-5-17	Screw	Montreal harbour	Harbour Commissioners, Quebec.
107419 Montreal.	87	Levis, P.Q.		8-5-17	J. E. L.	8-5-18	42·6		
Robert L. Fryer	2,033	1888 Wood	Freight	Port Arthur, Ont.					
134019 Port Arthur, Ont.	1,158	West Bay City, Mich.			W.J.V.	30-6-17	Screw	Port Arthur and Fort William.	J. L. Davidson, Vancouver, B.C.
				29-6-17		29-6-18	128·8		
Robert R. Rhodes	1,599	1887 Wood	Freight	Trenton, Ont.		28-4-17	Screw	Lake Erie and Quebec.	Canada Shipping Co., Ltd., Montreal.
131109 Montreal.	957	Cleveland, Ohio.		18-4-17	T. P. T.	9-8-18	80·6		
				Quebec. 12-4-17	M. R. D.				
Roberval	126	1902 Composite		Roberval	J. A. S.		Paddle	Lake St. John	La Cie de Pulp. d'Almas.
116226 Quebec	71	Roberval.		10-8-17			9·6		
Robie M	67	1907 Wood	Freight	Pictou, N.S.		9-5-17	Screw	Northumberland straits	J. W. Langille, Halifax, N.S.
122024 Halifax, N.S.	31	Liverpool, N.S.		7-5-17	N. A. C.	7-5-18	19·8		
Roche Point	76	1910 Wood	Tug and	Nanaimo	W.J.C.	30-6-17	Screw	Alberni & Banfield-Clayuquot.	Halley Vancouver.
130458 Vancouver.	52	Vancouver.	Pass 18 c.3 12 c 2.	21-6-17		28-6-18 (c.3) 30-9-17 c2	14		

Rochester Duluth	1,603 867	1909 Steel Wyandotte Mich.	Pass.	Sarnia 8-6-17	J.D.	26-6-17 22-6-18	Twin screw 187	Great Lakes	American Interlake Co.
Rocket 107216 Winnipeg.	56 21	1899 Wood 1911 Selkirk, Man.	Fishing.	Selkirk, Man. 21-5-17	W. J. V.	29-5-17 21-5-18	Screw 16·6	Black River and Bad Throat.	Northwest Nav. Co., Winnipeg, Man.
Rock Ferry 130419 Montreal.	1,454 716	1892 Wood Cleveland, Ohio.	Freight	Montreal 5-4-17 17-4-17	J. E. L. P. D.	18-4-17 5-4-18	Screw 90·1	Lake Erie to Montreal	W. Patterson & Co., Montreal, P.Q.
Rockland 131126 Ottawa.	78 50	1882 Wood 1902 Rockland, Ont.	Tug	Hull, P.Q. 19-4-17	J. E. L.	11-9-17 19-4-18	Screw 6·5	Ottawa harbour	Geo. Charron and Hilaire Bray, Gatinean Point.
Rona 112348 Liverpool, N.S.	70 42	1903 Wood Liverpool, N.S.	Tug	Rustico, P.E.I. 25-9-17	C. E. D.	1-10-17 30-12-17	Screw 9·6	Coasting	Minister, Public Works, Ottawa.
Rosalie L 130928 Montreal.	73 38	1912 Steel Sorel, P.Q.	Tug	Sorel, P.Q. 23-4-17	F. X. H.	9-5-17 23-4-18	Screw 28·1	Montreal harbour and canal.	Sincennes McNaughton Line, Montreal, P.Q.
Rosanna B 138350 Halifax.	320 181	1917 Wood Mahone Bay.	Freight.	Halifax 23-10-17	N.A.C.	Not issued.	Screw 54	Halifax & Coasting	C. & G. Brister, Halifax.
Rosemary 122122 Halifax, N.S.	41 28	1906 Wood Sable River, N.S.	Fishing boat.	Halifax, N.S. 5-12-17 2nd insp. 16-12-16	D. J. M.	5-12-17 5-12-18	Screw 8·2	Coasting	Mrs. R. Neville, Halifax, N.S.
Rosina, K 126736 Vancouver.	33 22	1910 Wood Vancouver.	Tug	Vancouver 26-9-17 5 & 12-7-17	A.F. H.G.R.	26-9-17 25-9-18	Screw 94	B.C. Coast class III	I. JI Kickham, Vancouver.
Rossport 138002 Port Arthur.	19 8	1915 Steel Port Arthur, Ont.	Fish tug	Rossport, Ont 14-8-17	W. J. V.	Not issued	Screw 5·4	Jéckfish and Nipigon straits.	Fred Garrow, Rossport, Ont.
Rotundus 130251 Windsor, N.S.	123 66	1910 Wood Shelburne, N.S.	Pass. 250	Hantsport, N.S. 21-6-17 21-6-17	N. A. C. A. McD.	27-6-17 21-6-18	Screw 19·18	Windsor and Summerville.	Steamship Rotundus Co., Sommerville, N.S.
Rounder 134277 Victoria.	7 5	1914 Wood Ft. George B.C.	Freight & Pass 9	S. Fort George 9-8-17	A.F.	Not issued.	Screw 4	Fraser River class III	Bloom & Freed Fort George B.C.
Rouville 126528 Quebec, P.Q.	301 144	1906 Wood Sorel, P.Q.	Govt. service.	Quebec, N.S. 13-4-17 3-7-17	J. A. S. P. D.	Not issued.	Screw 51·6	Montreal and gulf	Minister Marine and Fisheries, Ottawa, Ont.
Rover 121918 Kenora, Ont.	11 7	1907 Wood 1916 Kenora, Ont.	Fishing tug.	Kenora, Ont. 3-10-17	W.J.V.	6-10-17 6-10-18	Screw 1·2	Lake of the Woods	The Armstrong Trading Co., Kenora, Ont.
Royalite 134513 Sarnia, Ont.	2,052 1,542	1916 Steel Collingwood, Ont.	Oil tank str. freight.	Sarnia, Ont. 20-3-18 27-3-18	J. D. S. D. A.	21-6-16 20-6-17	Screw 95·6	Great Lakes	Imperial Oil Co., Sarnia, Ont.
Roy Mac 117081 Toronto.	23 16	1905 Wood Collingwood	Tug	Toronto 16-6-17	J.B.S.	18-6-17 16-6-18	Screw 4·8	Toronto bay	Roger Miller & Son Ltd. Toronto.
Ruby 116991 Ottawa.	11 9	1903 Wood Barry's Bay.	Tug	Barrys Bay 16-10-17	J. E. L.	Not issued.	Screw 1	Barrys Bay to Havergal	H. E. Hudson, Combermere
Ruby L 122148 Annapolis, N.S.	119 51	1907 Wood Margaretville, N.S.	Pass. 10	Margaretville, N.S. 12-7-17 12-7-17	N. A. C. A. McD.	19-7-17 12-7-18	Screw 37·5	Margaretville and St. John.	Margaretville SS. Co., Margaretville, N.S.
Russell 103848 Ottawa, Ont.	76 44	1896 Steel Rockland, Ont.	Tug	Rockland, Ont. 22-8-17	J. T. G.	30-8-17 22-8-18	Screw 8·5	Ottawa river	W. C. Edwards Lumber Co., Ottawa.
Russell Roque 100024 Toronto, Ont.	38 26	1890 Wood Roaches Point, Ont. 1909 Wiarton, Ont.	Tug	Killarney, Ont. 19-7-17	G. M. A.	31-7-17 19-7-18	Screw 9·4	Georgian bay and North channel.	J. Roque, Killarney, Ont.

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S. B. Grabell	40	1912 Wood	Tug	Port Dover, Ont.		30-7-17	Screw	Lake Erie	Ainsley, H. W., Port Dover,
126644 Port Dover, Ont.	27	Port Dover, Ont.		27-7-17	J. B. S.	27-7-18	4·8		Ont.
Sable I.	734	1914 Steel	Pass.	Halifax, N.S.		23-2-17	Screw	Coasting	J. A. Farquhar, Halifax,
136307 Halifax, N.S.	341	Paisley, Scot.	54	23-2-17	N. A. C.	23-2-18	85·2		N.S.
Sadie	60	1892 Wood	Tug	Victoria, B.C.		21-3-18	Screw	Coasting	Geo. McGregor *et al* Victoria,
100497 Victoria, B.C.	34	Victoria, B.C. 1909 Victoria.		19-3-18	W. J. C.	19-3-19	13·5		B.C.
Sagamo	744	1906 Steel	Pass. 730	Gravenhurst, Ont.			Screw	Muskoka lakes	Muskoka Lakes Nav. and
122218 Toronto, Ont.	420	Gravenhurst, Ont.		29-5-16	G. M. A.		68·8		Hotel, Co. Toronto, Ont.
Saginaw	357	1873 Wood	Tug	Portsmouth, Ont.			Screw	Inland waters	E. A. Booth, Jr., Kingston,
69524 Sarnia, Ont.	243	Port Huron, Mich. 1892 Detroit, Mich.		7-9-16	T. P. T.		21·6		Ont.
Saguenay	2,776	1911 Steel	Frt. pass.	Sorel, P.Q.			Twin screw	Montreal and Chicoutimi.	Canada Steamship Lines,
130526 Montreal, P.Q.	1,861	Gowan, Eng.	404	26-4-16	F. X. H.		283		Montreal.
				19-4-16	P. D.				
St. Alice	56	1890 Wood	Tug	Vancouver	A. E. H.	Not issued.	Screw	Vancouver Class IV C.T	W. J. Bicknell, Vancouver.
130305 Vancouver.	38	Seattle.		16-3-18			24		
St. Andrew	77	1883 Wood	Pass. tug	Chatham, N.B.		30-7-17	Screw	Inside Escuminac Village and north end of Portage Isd.	J. B. Snowball & Co. Chatham, N.B.
85601 Chatham, N.B.	52	Chatham, N.B. 1910 Chatham, N.B.		25-7-17	C. E. D.	25-7-18	36·3		
St. Andrews	240	1901 Wood	Pass. 361	Eastport, Me.		17-7-17	Screw	Calais, Eastport and Int. ports.	E. S. S. Corporation, Boston.
96564 Boston, Mass.	142	Portland, Me.		16-7-17	C. E. D.	3-5-18	37		
				16-7-17	W. R. B.				
St. Charles	23	1901 Wood	Tug	Three Rivers		11-8-17	Screw	Three Rivers	Picard & Valliere, Quebec.
111681 Quebec.	16	Quebec.		6-8-17	F. X. H.	6-8-18	4·8		
St. Charles	32	1903 Wood	Tug and freight.	Peace River, Alta.			Screw	Peace River	Walter Ford, Peace River,
(Not registered.)	22	Peace River.		25-5-16	J. T. M.		6		Alta.
St. Clair	68	1898 Wood	Tug	N. Vancouver, B.C.		5-5-17	Screw	Vancouver and Points of Straits of Georgia.	The B.C. Sulphate Fibre
107246 Vancouver, B.C.	46	New Westminster.		4-5-17	A. E. H.	3-5-18	77·3		Co., Ltd., Vancouver, B.C.
St. Claire	870	1910 Steel	Pass.	Windsor, Ont.		16-6-17	Screw	Detroit river	Detroit and Windsor Ferry
207582 Detroit, Mich.	507	Toledo, Ohio.	3,024	9-5-17	J. D.	10-5-18	131·5		Co., Detroit, Mich.
				13-6-17	W. E.				
St Croix	506	1880 Wood	Pass. frt.	Quebec	J. A. S.	29-5-17	Paddle	Quebec-Ste. Anne de Beaupre.	F. Boisvert, St. Croix, P.Q.,
80731 Quebec	319	Quebec. 1908 Quebec.	525	27-4-17		29-5-18	26		
				29-5-17	P. D.				
St. Emelie	19	1914 Composite	Tug, fishing.	Fort Chipewyan		16-6-17	Screw	Lake Athabaska	R. C. Mission, Fort Chipe-
	9	Fort Chipewyan.		11-6-17	J. T. M.	15-6-18	1·2		wyn, Alta.

St. Gabriel (ex St. Joseph).. Winnipeg.	10 7	Composite. 1912 Fort Resolution 1916 Fort Resolution	Tug..	Fort Resolution.. 25-6-17	J. T. M.	25-5-17 25-5-18	Screw.. 1	Slave River & Lake class IV.	R. C. Mission Fort Resolution.
St. George.. Newport, P. E. I.				Cardigan Pt. 27-9-17	C. E. D.	Not issued.	40	South Cardigan to Newport.	P. E. I. Local Govt.
St. George 103937 Chatham, N.B.	278 175	1897 Wood Chatham, N.B.	Tug	Chatham, N.B. 23-7-17	C. E. D.	30-7-17 23-7-18	Paddle 44·9	Inside Escuminac Village and north end of Portage Isd	J. B. Snowball, Chatham, N.B.
St. Ignace 134017 Port Arthur, Ont.	1476 934	1888 Wood rebuilt 1906. Detroit, Mich.	Ice breaker.	Port Arthur, Ont. 11-7-16 8-4-16	W. J. V. G. P. P		Screw 218	Port Arthur and Sault Ste. Marie.	Can. Towing and Wrecking Co., Port Arthur, Ont.
St. Iréné 122406 Montreal.	2094 1168	1901 Steel Sorel, P.Q.	Pass	Sorel 16-5-17	F. X. H.	Not issued	Paddle 105·5	Montreal and Chicoutimi	Canada S.S. Line, Montreal.
St. Joe 132434 Sault Ste. Marie, Ont.	39 26	1907 Wood Marksville, Ont.	Tug	Sault Ste. Marie 14-5-17	G. M. A.	26-6-17 14-5-18	Screw 4·8	St. Marys river and vicinity.	T. B. Scott, Sault Ste. Marie, Ont.
St. Joseph (Not registered).	11 8	1912 Composte 1916 Resolution, N.W.T.	Fish tug.	Resolution, N.W.T. 15-7-16	J.T.M.		Screw 1·2	McKenzie river	Bishop Breynat, McKenzie River, Ont.
St. Kilda 103942 Chatham, N.B.	56 35	1898 Wood Chatham, N.B. 1912 Chatham, N.B.	Tug	Chatham, N.B. 24-7-17	C. E. D.	Not issued..	Paddle 5·4	Inside Escuminac Village and north end of Portage Isd.	J. B. Snowball & Co., Chatham, N.B.
St. Laurent 80735 Montreal.	349 189	1909 Wood. Sorel	Freight	Montreal 12-6-17	J. E. L.	26-6-17 12-6-18	Paddle 43	Montreal & Prescott	A. N. Smith, Ottawa.
St. Lawrence 117295 St. John, Nfld.	111 24	1903 Steel Christiana, Nor.	Whaler	Victoria, B.C. 20-3-18	W.J.C.	28-3-18 20-3-19	Screw 40·4	Coasting	Victoria Whaling Co., Toronto, Ont.
St. Louis 71622 Montreal.	40 19	1907 Wood Montreal, P.Q.	Tug	Montreal, P.Q. 27-4-17	J. E. L.	19-6-17 27-4-18	Screw 24	Montreal and Oka	Montreal Sand and Gravel Co., Montreal, P.Q.
St. Louis 80739 Quebec.	428 270	1880 Wood Lotbiniere, P.Q. 1895 Grondines, P.Q.	Ferry	Montreal, P.Q. 16-5-16 17-5-16	J. E. L. P. D.		Paddle 29·5	Verdun and LaTortue	P. McLean, Laprairie.
St. Louis 112260 Montreal, P.Q.	35 24	1900 Wood Kingston, Ont.	Pass 40	Smith Falls, Ont. 14-7-17 2-8-17	T. P. T. M. R. D.	9-8 17 4-6-18	Screw 6	Smith Falls and Rideau lakes.	Peter Cavanagh, Perth, Ont.
St. Maurice 111485 Quebec, P.Q.	45 30	1900 Wood Grandes Piles, P.Q.	Tug	Rimouski, P.Q. 25-8-17	J.A.S.	5-9-17 25-8-18	Screw 3·3	Rimouski harbour	Raymond & Talbot, Rimouski, P.Q.
St. Maurice No. 1 (Not registered.)	18	1904 Wood	Tug	Small Piles, P.Q. 8-8-17	F.X.H.	Not issued..	Twin screw 2·7	St. Maurice river	The Public Works, Dept., Ottawa.
Gasoline St. Maurice 138106 Montreal.	19 13	1916 Wood Grandes Piles, P.Q.	Tug	Grandes Piles, P.Q 7-8-17 8-8-17	F.X.H. P.D.	10-8-18 7-8-18	Twin screw 2·7	Grandes Piles and La Tuque.	Jean Crete, Grandes Piles, P.Q.
St. Maurice No. 2	19	1905 Wood	Tug	Shawinigan, P.Q. 5-9-17	F.X.H.	Not issued..	Screw 9·8	St. Maurice river	The Public Works Dept., Ottawa.
St. Maurice No. 3 (Not registered.)	18	1904 Wood Toronto, Ont.	Tug	Grandes Piles, P.Q 8-8-17	F.X.H.	Not issued.	Twin screw 2·7	St. Maurice river	The Public Works Dept., Ottawa.
St. Maurice No. 4 (Not registered.)	18	1912 Wood Grandes Piles, P.Q.	Tug	Grandes Piles, P.Q. 8-8-17	F.X.H.	Not issued..	Twin screw 2·7	St. Maurice river	The Public Works Dept., Ottawa.
St. Maurice No. 5 (Not registered.)	18	1912 Wood Toronto, Ont,	Tug	Three Rivers, P.Q. 7-8-17	F.X.H.	Not issued..	Twin screw 2·7	Three Rivers harbour.	The Public Works Dept., Ottawa.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued— Expires. — Certificat: Délivrance-Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
St. Nicholas 92411 Chatham, N.B.	62 42	1885 Wood Chatham, N.B.	Tug	Chatham, N.B 24-7-17	 C. E. D.	30-7-17 24-7-18	Screw 20·3	Inside of Escuminac Village and north end of Portage Island.	J. B. Snowball & Co., Chatham, N.B.
St. Peter 71623 Montreal.	66 41	1903 Wood Montreal, P.Q.	Tug	Montreal, P.Q 8-5-17	 J. E. L.	8-5-17 8-5-18	Screw 13·6	Montreal harbour	Harbour Commissioners, Montreal, P.Q.
St. Raphael Winnipeg	12 8	1906 Wood. Peterboro.	Tug	Fort Providence 30-6-17	J. T. M.	30-6-17 30-6-18	Screw 1	Mackenzie River class IV.	R.C.Mission Fort Frontenac
Saguenay 130526 Montreal	2,777 1,864	1911 Steel Glasgow.	Freight Pass 346	Sorel 13-4-17	F.X H.	14-5-17 13-4-18	Twin screw 281	Montreal & Saguenay	Canada Ship Line Co. Montreal
Salvor 62279 Victoria, B.C.	887 561	1869 Iron Glasgow, Scot.	Freight 25 Pass.	Esquimalt, B.C 19-9-17	 W. J. C.	28-9-17 18-9-18	Screw 65·6	Cape Spencer, Victoria and San Diego.	British Columbia Salvage Co., Victoria, B.C.
Salvor 116395 Port Arthur, Ont.	126 72	1898 Wood Bay City, Mich.	Tug	Port Arthur 2-6-17	 W. J. V.	6-6-17 2-6-18	Screw 51·7	Thunder Bay	Great Lakes Dredging Co., Port Arthur, Ont.
Sam Brisbin 122554 Collingwood, Ont.	26 7	1909 Wood Collingwood, Ont.	Pass 10 Tug.	The Pas, Man 22-7-16 24-7-16	 G. P. P. G. P. P.		Screw 4·1	Saskatchewan river	Ross Navigation Co., The Pas, Man.
Samson 100423 Ottawa.	15 7	1893 Wood Simcoe, Ont.	Tug	Chenaugh Boom 22-5-17	 J. E. L.	31-5-17 22-5-18	Paddle 2·7	Chenaugh Boom	Upper Ottawa Improvement Co., Ottawa.
Samson 111629 Quebec.	94 64	1901 Composite Grandes Piles, P.Q.	Tug	Montreal 25-4-17	 J. E. L.	19-6-17 20-4-18	Twin screw 6·7	Montreal and Oka	Montreal Sand and Gravel Co., Montreal.
Samson 122352 Lunenburg, N.S.	110 49	1907 Wood Shelburne, N.S.	Tug	Halifax 24-4-17	 N. A. C.	30-5-17 29-5-18	Screw 33·6	Halifax harbour	Foley Bros. and Welch, Halifax, N.S.
Samson 134304 New Westminster.	435 227	1914 Wood Port Coquitlam, B.C.	Snag boat	New Westminster 30-4-17	 A. E. H.	30-4-17 18-4-18	Stern wheel 13·1	Fraser river	Minister of Public Works, Ottawa.
Samuel Marshall 107426 Brockville, Ont.	772 540	1888 Wood Grand Haven, Mich.	Freight	Kingston, Ont 12-4-17	 M. R. D.	12-4-17 12-4-18	Screw 72·1	Chicago and Father Pt.	Central Canada Coal Co., Brockville, Ont.
Sand Bird 112194 Chatham.	64 43	Wood 1906 Chatham. 1914 Chatham.	Sand Sucker.	Chatham 20-9-17	J. D.	Not issued	Screw 2	Thames River	H. E. Crow, Chatham.
Sandon 107451 Vancouver, B.C.	96 65	1898 Wood Roseberry, B.C. 1911 Roseberry.	Freight 50 Pass.	Slocan, B.C 18-5-17	 W. J. C.	18-5-17 16-5-18	Screw 19·5	Slocan and Roseberry	Can. Pacific Ry., Montreal, P.Q.
Santa Maria 87034 Vancouver, B.C.	309 197	1883 Steel Fairfield, Scot.	Pass. frt 146	Vancouver, B.C 6-10-17	 A. E. H.	10-10-17 14-9-18	Screw 54	Vancouver to Powel river.	Union S.S. Co., Ltd., Vancouver, B.C.

Sappho	224	1883 Wood	Pass. ferry	Windsor, Ont.		16-6-17	Screw	Windsor and Detroit	Detroit and Windsor Ferry Co., Detroit, Mich.
115928 Detroit, Mich.	154	Detroit, Mich.		10-5-17	J. D.	24-5-18	26·6		
				13-6-17	W. E.				
Sarcelle	23	1890 Wood	Tug	Chatham, N.B.		30-7-17	Screw	Inside Escuminac Village and North end of Portage Island.	J. W. Brankley, Chatham, N.B.
96734 Chatham, N.B.	15	Douglastown, N.B.		25-7-17	C. E. D.	25-7-18	11·2		
Sarnia	85	1901 Wood	Tug	Fort William, Ont.		17-9-17	Screw	Port Arthur and Fort William.	Canadian Tow. and Wrecking Co., Port Arthur, Ont.
96853 Port Arthur, Ont.	57	Sarnia, Ont.		17-3-17	W. J. V.	17-9-18	26·6		
		1914 Fort William.							
Sarnia City	223	1909 Wood	Tug	Sarnia, Ont.		5-11-17	Screw	Lakes and rivers	Reid Wrecking Co., Sarnia, Ont.
126227 Sarnia, Ont.	68	Sarnia, Ont.		2-11-17	J. D.	17-9-18	84·5		
Sarnian	2656	1895 Steel	Freight	Collingwood, Ont.	S. D. A.	23-4-17	Screw	All lakes and rivers	Canada Interlake Line, Ltd., Toronto.
134011 Port Arthur, Ont.	1710	Cleveland, Ohio.		18-4-17	G. M. A.	19-4-18	146		
Sarnolite	2,060	1916 Steel	Oil tank	Sarnia, Ont.	J. D.	22-11-17	Screw	Inland and Coasting	Imperial Oil Co., Ltd., Toronto, Ont.
134515 Sarnia, Ont.	1,549	Collingwood, Ont.	Str. and freight.	21-11-17	W. E.	21-11-18	95·6		
Sarnor	1,319	1888 Wood	Freight	Port Colborne, Ont.	J. B. S.	11-7-17	Screw	All lakes and rivers	Frederic R. Johnson, Port Colborne, Ont.
133824 Montreal, P.Q.	1,152	West Bay City, Mich.		7-7-17	W. E.	5-7-18	79·2		
		1896 Marine City, Mich.							
Saskatoon	1798	1910 Steel	Freight	Kingston, Ont.		30-4-17	Screw	Lakes and rivers and coasting.	Colonia Transp. Co., Ltd., Toronto.
123965 Sunderland, Eng.	1148	Sunderland, Eng.		16-4-17	T. P. T.	16-4-18	106		
				21-4-17	M. R. D.				
Savoy	348	1895 Iron	Pass.	Quebec		14-4-17	Screw	Quebec and Ellis Island.	La Maritime Commerciale du Bas St. Laurent.
104887 London, Eng.	184	Montrose, Scot.	43 Freight.	9-4-17	J. A. S.	11-4-18	41·8		
				11-4-17	P. D.				
Schoolcraft	972	1884 Wood	Freight and tug.	Midland, Ont.		8-6-17	Screw	All lakes and rivers	Manley Chew, Midland, Ont.
134270 Midland, Ont.	690	Trenton, Mich.		30-5-17	G. M. A.	8-6-18	82·5		
				8-5-17	S. D. A.				
Scotchman	21	1904 Wood	Tug	Haileybury, Ont.		Not issued	Screw	Lake Timiskaming	Abitibi Power & Paper Co., Montreal.
116998 Ottawa, Ont.	13	Carleton Place, Ont.		27-7-17	J. E. L.		1·6		
Scotia	214	1899 Wood	Freight	Atlin, B.C.		18-6-17	Stern wheel	Atlin lake	British Yukon Nav. Co., Victoria, B.C.
107829 Victoria, B.C.	135	Atlin lake, B.C.	72 Pass.	18-6-17	A. F.	17-6-18	3·4		
Scotia II	1,859	1915 Steel	Car ferry	Mulgrave, N.S.		Not issued	Twin screw	Mulgrave and Port Tupper.	Minister of Railways and Canals, Ottawa, Ont.
Ottawa.	740	Newcastle, G.B.		30-8-17	D. J. M.		300·8		
Scotia	376	1907 Wood	Freight	Halifax, N.S.		10-7-17	Screw	Halifax and Cape Breton ports.	Halifax and Canso Steamship Co., Halifax, N.S.
122423 Halifax, N.S.	268	Mahone Bay, N.S.	46 Pass.	10-7-17	N. A. C.	10-7-18	53·4		
					A. McD.				
Scotsburn	224	1910 Wood	Pass.	Halifax, N.S.		11-5-17	Screw	Halifax and Cape Breton.	Halifax and Glace Bay Steamship Co., Halifax, N.S.
126909 Halifax, N.S.	119	Mahone Bay, N.S.	18	11-5-17	N. A. C.	11-5-18	32·6		
					A. McD.				
Scotia	1,461	1901 Steel	Ferry	Mulgrave N.S.		Not issued	Screw	Strait of Canso	Minister of Railways and Canals, Ottawa, Ont.
111865 Ottawa.	324	Walker on Tyne, G.B.		27-2-18	D. J. M.		245		
Scotsman	265	1903 Composite	Freight	Hull, P.Q.		28-8-17	Screw	Ottawa-Montreal	Ottawa Transp. Co., Ottawa, Ont.
116331 Ottawa, Ont.	114	Ottawa, Ont.		19-4-17	J. E. L.	25-5-18	17·4		
				26-5-17	P. D.				
Scout	176	1900 Wood	Buoy serv.	Kingston, Ont.		5-6-17	Screw	Montreal-Trenton	Minister of Marine and Fisheries, Ottawa.
112396 Ottawa, Ont.	70	Cardinal, Ont.		11-5-17	T. P. T.	4-4-18	18·4		
		1903 Kingston, Ont.		Prescott, Ont.	M.R.D.				
				11-7-17					
Seabird	41	1886 Wood	Fishing tug.	Darmouth, N.S.		21-5-17	Screw	Coasting	C. Brester and Son, Halifax, N.S.
103207 Halifax, N.S.	28	Liverpool, N.S.		16-5-17	N. A. C.	16-5-18	13·5		

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessels—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued— Expires. — Certificat: Délivrance—Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Sea Breeze	87	1907 Steel	Pass	Buffalo, N.Y.	J. B. S.	11-10-17	Screw	Buffalo harbour, Niagara river and Erie Beach.	C. and F. Fix, Buffalo, N.Y.
204279 Buffalo, N.Y.	59	Buffalo, N.Y.	587	5-7-17	W. E.	23-6-18	24		
Seacrest	19	1908 Wood	Tug	Newcastle, N.B.		30-7-17	Screw	Inside Escuminac village and north end of Portage Id.	L. F. Smith, Halifax, N.S.
122425 Halifax, N.S.	11	Tancook, N.S.		26-7-17	C. E. D.	26-6-18	6		
Seagull	31	1890 Wood	Tug	Owen Sound, Ont.		Not issued.	Screw	Georgian bay and North Shore.	J. Harrison and Sons Co., Owen Sound, Ont.
96872 Goderich, Ont.	21	Goderich, Ont. 1914 Owen Sound.		2-5-17	G. M. A.		8-2		
Sea Gull	149	1906 Wood	Pass tug. 46	Sturgeon Falls, Ont.		31-8-17	Screw	Lake Nipissing	Armstrong Towing Co., Cache Bay, Ont.
121848 Toronto, Ont.	73	Calendar, Ont.		17-7-17 21-8-17	J. T. G. M. R. D.	17-7-18	29		
Seal	608	1911 Steel	Pass & frt.	Halifax, N.S.		20-4-17	Screw	Halifax and Newfoundland.	Halifax Trading and Sealing Co., Halifax.
129556 Windsor, N.S.	277	Glasgow, Scot.	20	18-4-17 17-4-18	N. A. C. A. McD.	17-4-18	85·2		
Seal Cove	17	1916 Wood	Tug	Prince Rupert	A. F.	12-2-18	Screw	Prince Rupert etc. class IV.	J. S. Emerson, Vancouver.
138527 Vancouver.	12	NewWestminster.		11-2-18		10-2-19	6		
Sea Otter	13	1907 Wood	Tug	Vancouver	A. E. H.	24-4-17	Screw	Southgate River class IV C.T.	Southgate Logging Co. Vancouver.
122526 Vancouver.	9	Lund, B.C.		19-4-17		18-4-18	6		
Sea Lion	218	1905 Wood	Tug	Vancouver, B.C.		19-2-17	Screw	Vancouver and straits of Georgia.	Young & Gore Tugboat Co., Ltd, Vancouver, B.C.
117116 Vancouver, B.C.	148	Vancouver, B.C.		18-2-18	A. E. H.	17-2-19	52		
Sebastien	103	1904 Steel	Tug	Vancouver, B.C.		12-3-18	Screw	Vancouver and straits of Georgia.	Victoria Whaling Co., Ltd. Toronto, Ont.
117323 St. John, Nfld.	17	Christiana, Norway.		8-3-18	H. G. R.	10-1-19	39·1		
Seguin	1141	1890 Steel	Freight	Toronto, Ont.		4-5-17	Screw	Fort William and Father Point.	Parry Sound Lumber Co., Parry Sound, Ont., and F. B. Polson, Toronto.
94763 Owen Sound, Ont.	771	Owen Sound, Ont.		17-4-17 24-4-17	T. P. T. M. R. D.	17-4-18	106		
Selkirk	142	1898 Wood	Freight	Vancouver, B.C.		8-5-17	Screw	Vancouver & straits of Georgia.	Lincoln S.S. Co., Vancouver, B.C.
107095 Victoria, B.C.	86	Victoria, B.C.		7-5-17	H. G. R.	6-5-18	11·2		
Selkirk	777	1901 Wood	Freight	Dawson, Y.T.		26-6-17	Stern wheel	Yukon river	British Yukon Nav. Co., Victoria, B.C.
107835 Victoria, B.C.	490	White Horse, Y.T.	160 Pass.	26-6-17	A.F.	25-6-18	17·1		
Senator	27	1880 Wood	Tug	Vancouver, B.C.		30-3-18	Screw	Vancouver harbour	Progressive S.S. Co., Ltd., Vancouver.
80902 Vancouver, B.C.	21	Burrard Inlet, B.C.		16-3-18	A. E. H.	1-3-19	9·1		
Senator	2,410	1898 Steel	Freight	Seattle	B. M.	7-12-17	Screw	Seattle, Victoria Singapore.	Pacific Coast Co. Victoria.
116811 New York	1,836	San Francisco	Pass. 264	7-12-17		25-5-18	180		
Senator Derbyshire	1246	1897 Wood	Freight	Montreal, PQ.		9-5-17	Screw	Lakes and rivers	Lachine Transp. and Coal Co., Montreal.
112351 Montreal.	987	West Bay City, U.S.		9-5-17	J. E. L. P. D.	9-5-18	73·5		
Senator Jansen	230	1909 Wood	Tug	New Westminster, B.C.		30-3-18	Stern wheel	Fraser river	Fraser River Lumber Co., New Westminster, B.C.
126272 New Westminster	93	New Westminster.	16 Pass.	27-3-17	A. E. H.	4-3-19	9·6		

Sericux 134131 Quebec, P.Q.	41 18	1913 Wood Quebec, P.Q.	Tug	Quebec, P.Q. 5-5-17	J. A. S.	5-5-17 5-7-17	Screw 15·3	St. Lawrence river	Nap. Trudel, St. Irene, P.Q.
Shamrock 107497 Quebec.	237 161	1898 Wood Quebec, P.Q.	Buoy service.	Sorel, P.Q. 16-4-17	F. X. H.	Not issued	Screw 37·5	Montreal & Quebec	Minister of Public Works, Ottawa.
Shanley 126269 Kingston, Ont.	50 19	1908 Wood Parry Sound, Ont. 1915 Kingston.	Tug	Kingston, Ont. 26-9-17	T. P. T.	20-11-17 1-9-18	Screw 4·9	St. Lawrence river	J. F. Sowards, Kingston, Ont.
Shannon 83199 Pictou, N.S.	75 51	1886 Wood Pictou, N.S.	Tug	Dartmouth, N.S. 23-4-17	N. A. C.	30-4-17 23-4-18	Screw 32·8	Coasting	Beazley Bros., Halifax, N.S.
Sheba 129326 Ottawa, Ont.	2,268 1,341	1912 Steel Sunderland, Eng.	Freight	Halifax, N.S. 15-5-17	D.J.M. A. McD.	17-5-17 16-5-18	Screw 163·8	Halifax and foreign ports	Minister, Railways and Canals, Ottawa.
Shirley 116225 Quebec, P.Q.	37 25	1903 Wood Bic, P.Q.	Tug	Quebec, P.Q. 20-7-17	J.A.S.	21-7-17 21-8-18	Screw 10·7	Matane	Magdalen River Valley Ry. Co., Magdalen River, P.Q.
Shuswap 126330 Vancouver, B.C.	33 22	1888 Wood Astoria, U.S.A.	Tug	Vancouver, B. C. 19-4-17 New Westminster 8-3-18	A. E. H. H. G. R.	29-9-17 18-4-18 30-3-18 7-3-19	Screw 37·7	Fraser river and Straits of Georgia	J. W. Saul, New Westminster, B.C.
Siciamous 134276 Victoria, B.C.	1,787 994	1914 Steel Okanagan Ldg.	Frt. pass. 320	Penticton, B.C 6-5-17	W. J. C.	7-5-17 5-5-18	Stern wheel 101·5	Okanagan Landing and Penticton	Can. Pac. Ry., Montreal, P.Q.
Silverland 126410 Ottawa, Ont.	92 53	1909 Steel Haileybury, Ont.	Pass & frt. 40	Ville Marie, Ont. 17-5-17	J. E. L. M. R. D.	25-5-17 17-5-18	Screw 13·5	Lake Timiskaming	Timiskaming Nav. Co., Haileybury, Ont.
Simcoe 125456 Ottawa, Ont.	913 438	1909 Steel Newcastle, G.B.	Govt. light house Str. 10	Parry Sound, Ont. 5-7-17	S.D.A. J. D.	5-7-17 5-7-18	Twin screw 130·8	All lakes and rivers	Minister of Marine and Fisheries, Ottawa, Ont.
Simla 112144 Kingston, Ont.	1,197 731	1903 Wood Garden Id., Ont.	Freight	Kingston, Ont. 14-4-17 20-4-18	T. P. T. M. R. D.	28-4-17 14-4-18	Screw 106·3	Ft. William and Father Pt.	Montreal Transportation Co. Montreal, P.Q.
Sinmac 126492 Montreal.	322 99	1909 Steel Dumbarton, G.B.	Tug	Sorel, P.Q. 4-6-17	F. X. H.	12-6-17 4-6-18	Screw 108·7	All Canadian ports	Sincennes McNaughton Co., Montreal.
Sir Douglas 130989 Chatham, N.B.	18 12	1912 Wood Chatham, N.B.	Tug	Chatham, N.B. 25-7-17	C. E. D.	30-7-17 25-7-18	Screw 6	Inside Escuminac Village and north end of Portage island.	Charles Rainsbarrow, Chatham, N.B.
Sir Hector 96892 Ottawa.	40 10	1891 Wood Ottawa.	Tug	Hull, P.Q. 12-5-17	J. T. G.	17-5-17 12-5-18	Screw 17	Ottawa & Grenville	Ottawa Trans. Co., Ottawa.
Sir Hugh Allan 130534 Montreal, P.Q.	354 10	1911 Steel Barrow-in-Furness, G.B.	Tug pass. 14—From Montreal to Quebec. 87—Sorel to Montreal.	Montreal, P.Q. 25-4-17 9-5-17	J. E. L. P. D.	10-5-17 25-4-18	Twin screw 61·8	St. Lawrence river	Harbour Commissioners of Montreal, Montreal, P.Q.
Siskiwit 134012 Port Arthur	61 41	1876 Wood Buffalo.	Tug	Port Arthur 3-8-17	W. J. V.	4-8-17 3-8-17	Screw 10·8	Thunder Bay class IV.	Canadian Tow. & wreck Co. Pt. Arthur.
Skeena 126212 Vancouver, B.C.	515 310	1908 Wood Vancouver, B.C.	Pass. and freight. 12	New Westminster 25-3-18	A. E. H.	30-3-18 1-6-19	Stern wheel 11·3	New Westminster and Chilliwack.	C. E. Seymour, New Westminster, B. C.
Slocan 121680 Vancouver, B.C.	615 338	1905 Wood Roseberry, B.C.	Pass. 172	Slocan, B.C. 17-5-16	W. J. C.	18-5-17 16-5-18	Stern wheel 17'·1	Slocan and Roseberry	Can. Pac. Ry. Co., Montreal.
Sogenada 126766 Montreal, P.Q.	64 6	1909 Steel Rutherglen, G.B.	Tug	Pictou, N.S. 25-5-17	N. A. C.	27-5-17 7-5-18	Screw 36	Coasting	Minister of Public Works, Ottawa.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessels—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued—Expires. — Certificat: Délivrance-Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Sol Duc	1,086	1912 Steel	Pass. 561	Victoria, B.C.		21-4-17	Screw	Victoria and Seattle	Puget Sound Nav. Co., Seattle, U.S.A.
210138 Port Townsend, U.S.A.	667	Seattle, U.S.A.		21-4-17	W. J. C.	12-4-18	111		
Sonoma	19	1905 Wood	Frt. pass.	Vancouver, B.C.			Screw	Vancouver and Indian river.	G. W. Brewster, Vancouver, B.C.
117111 Vancouver, B.C.	13	Vancouver, B.C.	40 25 Howich in summer	27-5-16 27-5-16	H. G. R. H. G. R.		3·1		
Sonrisa	57	1913 Wood	Pass.	Vancouver, B.C.		23-5-17	Screw	Vancouver and W. Vancouver.	West Vancouver Ferry Co., Vancouver.
133877 Vancouver, B.C.	39	Vancouver, B.C.	130 S. 100 W.	21-5-17	H. G. R.	1-5-18	5·4		
Soo City	500	1889 Wood	Pass. 150	Collingwood, Ont.			Screw	Georgian bay & North channel.	Georgian Bay Nav. Co., Owen Sound, Ont.
117085 Collingwood, Ont.	296	Benton, Mich.	190 ex.	5-8-16 17-7-16	E. W. McK. S. D. A.		34·6		
Soulanges	383	1909 Wood	Freight and	Montreal, P.Q.		9-5-17	Paddle	Montreal and Ottawa	H. J., H. B. & E. Seguin, Hudson, P.Q.
126149 Sorel, P.Q.	224	Pierreville, P.Q.	pass. 40	11-5-17 21-5-17	J.T.G. P.D.	11-5-18	33·6		
South	349	1885 Wood	Pass. frt.	Quebec		30-5-17	Paddle	Montreal & Longueuil	Quebec and Levis Ferry Co., Quebec.
88314 Quebec, P.Q.	219	Levis, P.Q.	300	29-5-17 30-5-17	J. A. S. P. D.	29-5-18	22·5		
South American	2,662	1914 Steel	Pass 678	Buffalo		21-7-17	Screw	Great Lakes	Chicoutimi, Duluth, Geo. Bay Transit Co.
212244 Erie Pa.	1,427	Ecorse.		21-7-17	W. E.	2-7-17			
Sparrow	38	1882 Wood	Tug	Callender, Ont.		25-7-18	Screw	Lake Nipissing	J. B. Smith, Toronto, Ont.
90561 Toronto, Ont.	16	1889 Deschenes Creek, Ont.		18-7-17	J. T. G.	18-7-18	4		
Speedy II	233	1896 Steel	Patrol	Sorel	F. X. H.	Not issued.	Twin screw	Halifax	P. W. Dept. Ottawa.
101920 Montreal.	83	Leith, E.R.	Boat	1-5-17			40		
Spragge	19	1915 Wood	Tug	Blind River, Ont.		4-9-17	Screw	North channel, Georgian bay.	J. J. McFadden, Renfrew, Ont.
134613 Sault Ste. Marie Ont.	12	Collingwood, Ont.		31-8-17	G. M. A.	31-8-18	1·8		
Spray	107	1893 Steel	Tug	Sorel, P.Q.		8-5-17	Screw	Montreal and Quebec	The Sincennes-McNaughton Line, Montreal, P.Q.
100727 Montreal, P.Q.	60	Montreal, P.Q.		21-4-17	F.X.H.	21-4-18	37·5		
Spray	21	1892 Levis	Tug	Quebec		28-6-17	Screw	Quebec harbour	J. S. Thom, Quebec.
103145 Quebec.	14	Wood. Rebuilt 1907.		28-16-17	J. A. S.	28-6-18	12·3		
Spray	118	1907 Wood	Tug	Victoria, B.C.		21-8-17	Screw	Coasting	G. McGregor *et al*, Victoria, B.C.
122383 Victoria, B.C.	61	Vancouver, B.C.		20-8-17	B. M.	19-8-18	19·5		
Springhill	189	1893 Wood	Tug	St. John, N.B.		21-9-17	Screw	Coasting, N.B.	Dominion Coal Co., St. John, N.B.
103011 Parrsboro, N.S.	96	1914 St. John, N.B		20-9-17	C. E. D.	21 9-18	61·4		

Sport 103666 Kenora.	16 12	1897 Wood Kenora.	Tug	Kenora 5-10-17	W. J. V.	Not issued.	Screw 1	Winnipeg River class IV	H. Lindsay, Kenora.
Squid 116459 Vancouver, B.C.	60 41	1903 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 5-1-18	 A. E. H.	8-1-18 1-1-19	Screw 11·2	Vancouver and straits of Georgia.	Nanaimo Fish & Bait Co., Nanaimo, B.C.
Stadium 130623 Yarmouth, N.S.	118 49	1912 Wood Shelburne, N.S.	Pass. 20	St. John, N.B. 14-4-17	 C. E. D. W. R. B.	19-4-17 14-4-18	Screw 28·2	St. John, Apple river and Coasting.	C. T. White & Sons, Apple river, N.B.
Staffa 100677 Vancouver, B.C.	51 35	1893 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 8-9-17	 A. E. H.	10-9-17 7-9-18	Screw 2·7	Vancouver harbour	P. E. Ritchie, Vancouver, B.C.
Stanley Foster 130240 Port Stanley, Ont.	56 28	1904 Wood Owen Sound, Ont. 1912 Port Stanley.	Fishing boat.	Port Stanley, Ont. 15-10-17	 J. B. S.	23-10-17 15-10-18	Screw 6·2	Lake Erie	Nathan S. Cornell, Port Stanley, Ont.
Stanstead 134347 Montreal.	1,549 970	1881 Wood West Bay City, Mich.	Freight	Kingston, Ont. 23-4-17 25-9-17	 T. P. T. P. D.	4-5-17 31-10-17	Screw 98	Lakes and rivers	F. E. Hall, Montreal, P.Q.
Starling 134177 Shelburne, N.S.	122 50	1888 Wood East Boston, Mass.	Freight	Dartmouth, N.S. 8-2-18	 N.A.C.	11-2-18 8-2-19	Screw 37·5	Coasting	Lockport Cold Storage, Lockport, N.S.
Steelton 132078 Sunderland, G.B.	1,750 1·130	1914 Steel Sunderland, G.B.	Freight	Kingston, Ont. 2-4-17 21-4-18	 T. P. T. M. R. D.		Screw 157	Ft. William to Father Point.	Matthews S.S. Co., Ltd., Toronto, Ont.
Stella Maris 117528 St. Johns, Nfld.	228 53	1882 Composite London, G.B.	Wrecking tug.	Halifax, N.S. 29-5-17	 N. A. C. A. McD.	29-5-17 29-5-18	Screw 102·9	Coasting	Stella Maris S.S. Co., Halifax, N.S.
Stephen C. Hall 130432 Sarnia, Ont.	511 307	1880 Wood Grand Haven, Mich.	Freight	Sarnia, Ont. 4-5-17 30-4-18	 J. D. W. E.	12-5-17 4-5-18	Screw 58·9	Lakes and rivers	Horne & Chown, Kingston Ont.
Steward W (exCollinge) 138096 Montreal.	1,707 971	1881 Wood Cleveland.	Freight	Quebec. 24-4-17	J. A. S.	Not issued.	Screw 79·23	Lake Erie	L. C. Webster, Montreal.
Stoney Lake 111881 Peterboro, Ont.	156 109	1904 Composite. Young's Point, Ont.	Pass. 295	Peterboro, Ont. 6-8-17 18-8-17	 T. P. T. W. E.	25-8-17 10-7-18	Screw 13·5	Trent Valley canal	P. P. Young's Pt., Ont.
Stormer 133730 Vancouver, B.C.	53 37	1913 Wood Vancouver, B.C.	Tug	Vancouver, B.C. 26-2-18	 A. E. H.	28-2-18 24-2-19	Screw 13·1	Vancouver and straits of Georgia.	H. Thorsen, Vancouver, B.C.
Storm King 88683 Chatham, N.B.	108 73	1885 Wood Portland, N.B. 1905 Sorel.	Tug	Sorel, P.Q. 27-4-17	 F. X. H.	7-5-17 27-4-18	Screw 42·6	Montreal and Saguenay.	Minister of Public Works, Ottawa.
Storm King 122165 Vancouver, B.C.	99 70	1906 Wood New Westminster.	Tug	Vancouver, B.C. 3-3-18	 A. E. H.	18-3-18 28-2-19	Screw 16	Vancouver and straits of Georgia.	G. F. Payne, Saturna Isds., B.C.
Stranger 103304 New Westminster	21 14	1895 Wood New Westminster.	Tug	New Westminster 8-3-18	 H. G. R.	9-3-18 28-2-19	Screw 9·1	Fraser river at New Westminster.	Sinclair & Logan, New Westminster, B.C.
Strathlorne 126138 Halifax, N.S.	135 81	1909 Wood Mahone Bay, N.S.	Pass. & frt. 20	Halifax, N.S. 9-4-17 9-4-18	 D. J. M. A. McD.	 16-4-17 9-4-18	Screw 24	Coasting	Messrs. Hendry Ltd., Halifax, N.S.
Superior 111991 Vancouver, B.C.	44 30	1901 Wood Ladner, B.C.	Tug	Vancouver, B.C. 9-8-17	 A. E. H.	10-8-17 7-4-18	Screw 10·7	Vancouver and Straits of Georgia.	Gore & Young, Vancouver.
Susie 107569 Montreal, P.Q.	27 16	1911 Wood Parrsboro, N.S.	Tug	Quebec, P.Q. 25-9-17	 J.A.S.	28-9-17 25-9-18	Screw 8	Quebec harbour	Dominion Iron & Wrecking Co. Ltd., Montreal.
Swan 100792 Victoria, B.C.	36 25	1893 Wood Victoria, B.C.	Tug	New Westminster 30-5-17	A. E. H.	30-5-17 28-5-18	Screw 8·4	Burke channel and Kimsquit	R. Draney, Namu harbour, B.C.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessels—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued—Expires. — Certificat: Délivrance-Expiration.	Propulsion—N.H.P. — Propulsion—N. on H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Swan	30	1907 Wood	Tug	Vancouver, B.C.		5-1-18	Screw	Skidegate, Queen Charlotte Islands.	T. A. Logging and Lumber Co., Vancouver, B.C.
122340 Vancouver, B.C.	21	Vancouver, B.C.		26-3-18	A.E.H.	25-3-19	10·1		
Swell	85	1912 Wood	Tug	Victoria, B.C.		22-6-17	Screw	Coasting	Victoria Tug Co., Ltd., Victoria, B.C.
130882 Victoria, B.C.	42	Vancouver, B.C.		20-6-17	B. M.	19-6-18	18·8		
Sybella II	71	1884 Wood	Ferry pass.	Chatham, N.B.					
85697 Chatham, N.B.	48	Chatham, N.B.	40	24-7-17	C. E. D. W. R. B.	10-9-17 30-12-17	Paddle 7·9	Chatham to Ferryville.	Miramichi Steam Nav. Co., Chatham, N.B.
Syracuse	2,105	1911 Steel	Pass	Sorel, P.Q.		15-6-17	Twin screw	Montreal and Chicoutimi	The Canada Steamship Lines, Montreal, P.Q.
111964 Picton, Ont.	1,469	Collingwood, Ont.	200	12-6-17	F.X.H. P.D.	12-6-18	183·7		
T. and B.	11	1913 Wood	Tug & pass.	Nanaimo, B.C.	W.J.C.	21-12-17	Screw	Nanaimo, Gabriola Isd. and Coasting.	T. R. McLay, Nanaimo B.C.
133845 Vancouver, B.C.	7	Vancouver, B.C.	10	21-12-17		20-12-18	2		
T. R.	13	1908 Wood	Tug. pass.	Nanaimo, B.C.	W.J.C.	21-12-17	Screw	Nanaimo and points on Gabriola Isd. Coasting.	T. R. McLay, Nanaimo. B.C.
126629 Vancouver, B.C.	9	Retreat Cove, B.C.	10	21-12-17		20-12-18	1		
T. J. Clark	75	1911 Composite	Frt.	Toronto, Ont.	S. B. S.	28-6-17	Tw. Scr.	Toronto bay	Clark Limited, Toronto, Ont.
126838 Toronto, Ont.	51	Toronto, Ont.		26-6-17		26-6-18	4·2		
T. F. Battle	54	1888 Wood	Tug	Thorold, Ont.	J. B. S.	Not issued.	Screw	Port Colborne and Port Maitland, Ont.	Jos. Battle, Thorold, Ont.
126092 St.Catharines,Ont.	32	Detroit, U.S.A.		26-10-17			10·8		
T. F. Jarmin	48	1889 Wood	Tug	Toronto, Ont.	J. B. S.	13-4-17	Screw	Whitby and Cobourg Harbours.	Jennings & Ross, Ltd., Toronto, Ont.
112337 Collingwood, Ont.	19	West Bay City, Mich.		13-4-17		13-4-18	16·6		
T. J. Waffles	149	1913 Wood	Freight	Kingston, Ont.	T. P. T.	Not issued.	Screw	Lake Erie & Montreal	James Swift & Co., Kingston.
130767 Kingston, Ont.	75	Smith Falls, Ont.		3-5-17			4·8		
T. Osborne	25	1893 Wood	Tug	Calumet, P.Q.	J.T.G.	31 8-17	Screw	Hawkesbury and La Rouge.	W. E. Lawlor, Hawkesbury Ont.
100416 Ottawa, Ont.	18	Ottawa, Ont. 1910 Montreal, P.Q.		23-8-17		23-8-18	4·8		
Tadousac	1701	1879 Iron	Freight	Sorel, P.Q.		9-5-17	Paddle	Montreal & Chicoutimi	Canada Steamship Lines Montreal.
112267 Montreal.	1052	Wilmington, Del.	35 Pass.	24-9-17 Quebec 5-5-17	F.X.H. P.D.	24-4-18	120		
Tahltan	69	1916 Wood	Freight	Prince Rupert	A. E. H.	24-5-17	Twin screw	Stikine River	Hudson's Bay Co., London Eng.
134639 Victoria.	59	New Westminster.		24-5-17		23-5-18	13		
Tarahue	198	1917 Wood	Freight	Vancouver	A. F.	19-6-17	Twin screw	Atlin Lake	British Yukon Nav. Co., Ltd., Vanc.
Vancouver.	156	Atlin, B.C.	Pass. 77	19-6-17		18-8-17	61		
Tartar	133	1906 Steel	Pass tug.	Victoria, B.C.		20-7-17	Screw	Port Renfrew, Victoria and Vancouver.	Grant, Smith & McDonnell, Victoria, B.C.
124355 Vancouver, B.C.	50	Bowling, Eng.	13	17-7-17	W. J. C.	16-7-18	41·6		

Tashmoo 145843 Detroit, Mich.	1345 767	1900 Steel Wyandotte, U.S.	Pass. 3000	Detroit, Mich 6-6-17 25-5-18	 J. D. W. E.	7-6-17 25-5-18	Paddle 347	Detroit river	White Star Line, Detroit, Mich.
Tees 95925 Victoria, B.C.	679 441	1893 Steel Stockton, Eng.	Freight 22 Pass.	Victoria, B.C. 1-8-17	B. M.	15-8-17 31-7-18	Screw 97·9	Victoria and Coastwise	Can. Pac. Ry., Montreal, P.Q.
Temagami (Not registered.)		1903 Wood Simcoe, Ont.	Warp tug	Cache Bay, P.Q. 15-7-17	 J.T.G.	Not issued.	Paddle 2·1	Lake Nipissing	George Gordon, Sturgeon Falls, Ont.
Tempest 112299 Winnipeg, Man.	75 42	1904 Wood Selkirk, Man. 1915. Selkirk.	Fish tug	Selkirk, Man. 21-5-17	W. J. V.	29-5-17 21-5-18	Screw 19·5	Selkirk and Warren Landing.	Northern Fish Co., Selkirk, Man.
Tenno 107430 Brockville, Ont.	24 16	1892 Wood Detroit, U.S. 1915 partially rebuilt, Midland, Ont.	Pass.	Midland, Ont. 30-5-17 30-6-17	 G. M. A. S. D. A.	4-7-17 30-6-18	Screw 2·4	Midland, Penetang, Port McNicoll and Parry Sound, Ont.	N. K. Wagg, Midland, Ont.
Tepic 87180 Vancouver, B.C.	71 37	1883 Steel Blackwall, Eng. 1911 Vancouver, B.C.	Tug	Vancouver, B.C. 29-5-17	 A. E. H.	31-5-17 28-5-18	Screw 33·6	Vancouver and straits of Georgia.	Evans, Coleman and Evans, Ltd., Vancouver, B.C.
Terrebonne 103336 Montreal.	635 320	1895 Steel Sorel, P.Q.	Pass. 350 Freight	Sorel 20-4-17 19-4-17	 F. X. H. P. D.	7-5-17 20-4-18	Paddle 26·2	Montreal to Richelieu river.	The St. Lawrence Nav. Co., Montreal.
Thames 121679 Vancouver.	20 14	1905 Wood Vancouver.	Yacht	Vancouver 18-3-17	H. G. R.	26-3-18 12-3-19	Screw 34	B. C. Coast	J. Nicholson, Vancouver.
The Belle 100624 Port Dover, Ont.	31 18	1899 Wood Port Dover, Ont.	Fishing tug.	Meaford, Ont. 13-9-17	 G. M. A.	Not issued.	Screw 13·5	Meaford and Western Islands.	A. Kennedy, Meaford, Ont.
The Morgan 130235 Port Stanley, Ont.	50 34	1911 Wood Port Stanley, Ont.	Fishingboat	Port Stanley, Ont. 13-10-17	 J. B. S.	20-10-17 13-10-18	Screw 13·1	Lake Erie	Morgan Bros., Port Stanley, Ont.
Thirty-Three 115525 Ottawa, Ont.	79 33	1902 Steel North Shields, G.B.	Govt. Ser.	Canso, N.S. 12-5-17	 D. J. M.	Not issued.	Screw 20·2	Coasting	Minister of Marine and Fisheries, Ottawa.
Thistle 78024 Collingwood.	36 25	1881 Wood Collingwood.	Tug	Rondeau 14-8-17	J. D.	20-8-17 14-8-17	Screw 5	Lake Erie	N. Macaulay and R. Nichol, Kent, Ont.
Thistle 107867 Dawson, Y.T.	224 152	1902 Wood Dawson, Y.T.	Frt	White Horse, Y.T. 22-6-17	 A. F.	22-6-17 21-6-18	Stern wheel 4·8	Yukon river	British Yukon Navigation Co., Ltd., Victoria, B.C.
Thomas B 138345 Halifax	199 135	1885 Wood Brooklyn, N.Y.	Freight	Halifax 2-10-17 10-10-17	D. J. M. A. M.	12-10-17 10-11-17	Screw 65	Coasting	H. J. Mathers, Halifax.
Thomas Crosby 131147 Vancouver, B.C.	116 79	1912 Wood Vancouver, B.C.	Mission Steamer	Vancouver, B.C. 30-3-18	 A. E. H.	30-3-18 22-3-19	Screw 19·5	Vancouver and ports in B.C.	J. H. White, Sardis, B.C.
Thomas Fisher 134016 Port Arthur.	52 23	1914 Composite Fort William.	Tug	Ft. William 5-7-17	W. J. V.	5-7-17 5-7-18	Screw 14	Thunder Bay Class IV.	Great Lakes Dredg. Co., Port Arthur.
Thomas J. Drummond 126863 Sault Ste. Marie.	2201 1664	1910 Steel Dumbarton, G.B.	Freight	Montreal, P.Q. 3-5-17 1-5-17	J. E. L. P. D.	4-5-17 3-5-18	Screw 147	Lakes and coasting	Algoma Central and Hudson Bay Ry., Sault Ste. Marie, Ont.
Thomas Lapointe		Wood	Tug	Lake St. Francis 19-7-17	J. A. S.	Not issued.	Twin screw 2	Lake St. Francis	Brompton, P. & P. Co.
Thomas Maitland 107595 Owen Sound, Ont.	107 73	1899 Wood Owen Sound, Ont.	Tug	Owen Sound, Ont. 2-5-17	G. M. A.	21-5-17 2-5-18	Screw 30·8	Georgian Bay & Lake Huron.	Rixon Ainslie and Stoddart Co. Ltd., Owen Sound, Ont.
Thomas Mason 133755 St John, N.B.	31 23	1904 Wood South Boston, Mass.	Govt. Ser.	St. John, N.B. 25-5-17	 C.E.D.	Not issued.	Screw 10	Inside Musquash head and cape Spencer.	Minister Marine and Fsheries, Ottawa, Ont.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

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Thousand Islander	355	1912 Steel	Pass.	Kingston, Ont.			Twin screw	Cape Vincent and Ogdensburg.	Thousand Island Steamboat Co., Cape Vincent, N.Y.
209906, Cape Vincent, N.Y.	242	Toledo, Ohio.	800 L. 556 R.	28-6-17 23-7-17	T. P. T. M. R. D.		37·5		
Thyra	33	1887 Wood		Port Arthur, Ont.		26-7-17	Screw	North Shore of Lake Superior,	Minister of Public Works for Prov. of Ontario, Toronto.
116755 Toronto, Ont.	23	Poughkeepsie, N.Y.	Fish. Patrol	24-7-17	W. J. V.	24-7-18	8·6		
Tillamook (American)	424	Wood	Freight and	Vancouver	H. G. R.	19-5-17	Twin screw	Pr. Rupert and Alaska	G.T.P. Alaska SS. Co., Seattle.
208718 Seattle, U.S.A.	283	1911 North Bend, U.S.A. 1917 Rebuilt.	Pass. 35	18-5-17		6-9-17	33		
Tillie Battle	76	1914 Wood	Sand sucker	Thorold	J. B. S.	10-8-17	Screw	Chippewa creek	Can. Sand & Gravel Co., Ltd., Thorold.
130286 St. Catharines.	51	Thorold.		1-8-17		1-8-18	7	Class III.	
Tillicum	14	1916 Wood	Tug	Arrowhead, B.C.		29-5-17	Screw	Arrow lakes	R. Simpson, Arrowhead, B.C.
122535 Vancouver, B.C.	9	Port Simpson, B.C.		23-5-17	W. J. C.	23-5-18	2		
Togo	97	1904 Wood	Tug	Halifax, N.S.		9-7-17	Screw	Halifax harbour and Coasting.	Togo Steamship Co., Halifax, N.S.
116741 Halifax, N.S.	66	Dartmouth, N.S.	100 Pass Halifax Hbr	30-6-17 6-7-18	D. J. M. A. McD.	30-6-18	32·6		
Togo	51	1907 Wood	Tug	Campbellton, N.B.		10-9-17	Paddle	Restigouche river	Richards Mfg. Co., Campbellton, N.B.
122492 Chatham, N.B.	32	Newcastle, Eng.		4-9-17	C. E. D.	4-9-18	9.6		
Toiler	1692	1910 Steel	Freight	Fort William, Ont.		28-5-17	Screw	Father Point and Duluth	Great Lakes Transp. Co., Midland, Ont.
129767 Kingston, Ont.	1036	Newcastle-on-Tyne.		17-9-17	T. P. T. M. R. D.	18-4-18	88·8		
Tommy Mathieu	20	1914 Wood	Alligator	Fort Francis		16-10-17	Twin screw	Rainy river and lake	Shelvin Clark, Ft. Frances, Ont.
134320 Kenora, Ont.	13	Fort Frances, Ont.	tug.	28-8-17	W.J.V.	28-8-18	5·4		
Topaz	34	1903 Steel	Tug	Prince Rupert, B.C.		15-10-17	Screw	Prince Rupert and Georgetown,	Cyrus W. Pech, Vancouver, B.C.
122162 Vancouver, B.C.	23	Victoria, B.C.		15-10-17	A. F.	31-10-18	12		
Toronto	2779	1898 Steel	Pass.	Toronto, Ont.		5-6-17	Paddle	Toronto and Prescott	Richelieu and Ontario Nav. Co., Montreal.
107412 Toronto, Ont.	1652	Toronto, Ont.	400	29-5-17 2-6-18	J. B. S. W. E.	2-6-18			
Tourville	57	1911 Wood	Tug	Sorel		18-5-17	Screw	Louisville, Three Rivers and Sorel.	Tourville Lumber Co., Montreal.
126851 Sorel.	26	Sorel.		1-5-17 2-6-17	F. X. H. P.D.	1-5-18	19		
Trader	167	1901 Wood	Freight	Victoria, B.C.		31-1-18	Screw	Victoria, Vancouver and Puget sound.	C. S. Baxter, Victoria, B.C.
107838 Victoria, B.C.	114	Vancouver, B.C.		28-1-18	B. M.	31-1-19	16·7		
Trader S	96	1912 Wood	Pass.	Midland, Ont.		29-9-17	Screw	Parry Sound and Midland.	Playfair-Preston Co., Midland, Ont.
126656 Midland, Ont.	66	Midland, Ont.	8	21-9-17 19-9-17	G. M. A. S. D. A.	19-9-18	11·3		
Transfer	1511	1888 Steel	Pass. Car	Detroit, Mich.		16-6-17	Paddle screw	Windsor to Detroit	Wabash Railway Co., Detroit, Mich.
145503 Detroit, Mich.	1060	Cleveland, Ohio.	Ferry.	12-6-17	W. E.	17-4-18	347		

Transport 145211 Grosse Point.	1594 797	1880 Iron Wyandotte, Mich.	Railway car ferry.	Detroit, Mich. 27-11-17	J. D. W. E.	30-11-17 12-11-18	Paddle 108·4	Windsor and Detroit	Waubash Ry. Co., Detroit, Mich.
Traveler 111930 Port Arthur, Ont.	437 247	1871 Wood Sheboggan, Wis.	Tug	Port Arthur, Ont. 10-5-17	W. J. V.	31-5-17 10-5-18	Screw 118	Father Point & Duluth.	Russell Timber Co., Port Arthur, Ont.
Tremblay 138266 Quebec.	129 78	1917 Wood Chicoutimi.	Pass. 40	Chicoutimi 21-5-17 18-5-18	J. A. S. P. D.	26-5-17 21-5-18	Paddle 10	Chicoutimi and Ste. Anne, Chi.	Jos. Tremblay, St. Anne, Chi.
Trepanier 134038 Victoria, B.C.	11 8	1911 Wood Vancouver, B.C.	Freight 14 Pass.	Penticton, B.C. 6-6-17	W. J. C.	9-5-17 5-5-18	Screw 1·1	Okanagan lake	Okanagan Lake Boat Co., Naramata, B.C.
Trillium 126833 Toronto, Ont.	673 463	1910 Steel Toronto, Ont.	Ferry Pass. 1350	Toronto, Ont. 25-4-17 22-6-18	J. B. S. W. E.	9-6-17 6-6-18	Paddle 48·2	Toronto bay	Toronto Ferry Co., Toronto, Ont.
Trois Pistoles 138268 Quebec.	21 15	1911 Wood Bec	Pass	Trois Pistoles 23-8-17	J. A. S.	Not issued.	Screw 6	Trois Pistoles and Escoumain.	J. E. Rioux and F. Scrois.
Trois Rivières 126768 Montreal.	1448 664	1910 Steel Sorel, P.Q.	Pass. & Frt 1050	Sorel, P.Q. 17-4-17	F. X. H. P. D.	17-4-17 15-5-18	Paddle 53·3	Montreal & Trois Rivières.	Canada S.S. Lines, Montreal.
Turbinia 112201 Hamilton, Ont.	1064 603	1904 Steel Hepburn-on-Tyne. B	Pass 1350	Hamilton, Ont. 21-6-17 26-6-18	J. B. S. W. E.	28-6-17 26-6-18	Triple screw 437·5	Toronto, Hamilton & Lewiston.	Canada S.S. Lines, Toronto.
Turret Crown 104279 Vancouver, B. C.	1827 1142	1895 Steel Sunderland, Eng.	Freight	Seattle, U.S.A. 10-8-17	A. E. H.	16-8-17 9-8-18	Screw 175	Vancouver and foreign ports.	Coastwise Steamship & Barge Co., Vancouver, B.C.
Turtle 112394 Ottawa, Ont.	38 33	1902 Wood Cache Bay, Ont.	Warp tug	Cache Bay, Ont. 17-7-17	J.T.G.	Not issued.	Paddle 1·6	Lake Nipissing	George Gordon, Pembroke, Ont.
Tussle 137884 Lunenburg, N.S.	151 67	1916 Wood Lunenburg, N.S.	Pass 130 Tug.	Bridgewater, N.S. 17-1-17 17-7-17	N. A. C. A. McD.	19-7-17 17-8-18	Screw 28·2	Lahave & Bridgewater.	Lahave S.S. Co., West Lahave, N.S.
Tutshi Vancouver.	922 634	1917 Wood Carcross, B.C.	Freight and Pass. 165	Carcross, B.C. 14-6-17	A. F.	14-6-17 13-8-17	Paddle 17	Taku Lake Class III Inland.	British Yukon Nav. Co., Ltd.
Tuttsy 111885 Peterboro, Ont.	9 6	1905 Wood Peterboro, Ont.	Yacht	Peterboro, Ont. 6-8-17	T. P. T.	11-8-17 10-7-18	Screw ·4	Trent canal	H. Allan, Peterboro, Ont.
Two Friends 100627 Port Dover.	23 15	1905 Wood Port Dover, Ont. 1914 Port Dover.	Fishboat	Port Dover, Ont. 26-7-17	J. B. S.	30-7-17 26-7-18	Screw 9·3	Lake Erie	H. W. Ansley, Port Dover, Ont.
Tyee 107639 Vancouver, B.C.	32 18	1899 Wood New Westminster.	Tug	New Westminster, B.C. 9-1-19	A. E. H.	Not issued.	Screw 10·7	Vancouver & straits of Georgia.	The Packers Steamship Co., Vancouver, B.C.
Umatilla 25242 New York.	3,070 2,168	Iron 1881 Chester, U.S.A. 1903 Seattle, U.S.A.	Freight and Pass. 401	Seattle 5-11-17	W. J. C.	15-11-17 29-5-18	Screw 217	U.S., Canada, and foreign ports.	Pacific Coast SS. Co., New York.
Una 107370 Toronto, Ont.	22 15	1885 Wood Peekskill, N.Y.	Tug	Healeys Falls, Ont. 4-9-17	T.P.T.	14-9-17 4-7-18	Screw 1·6	Trent canal	Dredging Dock Co., Toronto, Ont.
United Lumberman 85707 Wallaceburg, Ont.	399 140	1884 Wood Dresden, Ont.	Freight	16-4-17 26-4-18	G. M. A. S. D. A.	5-5-17 26-4-18	Screw 46·2	Sault Ste. Marie and Quebec.	Morden Transit Co., Midland, Ont.
Urgel 138061 Ottawa, Ont.	19 12	1915 Wood Monte Bello, P.Q.	Pass. Ferry 10	Monte Bello, P.Q. 23-8-17	J. T. G. P. D.	11-7-17 17-4-18	Paddle 2·7	Monte Bello and Alfred	Henry Carriere, Monte Bello P.Q.
Va Et Viens 131139 Ottawa, Ont.	10 7	1912 Wood Fassett, P.Q.	Ferry 10	Fassett, P.Q. 23-8-17 11-7-18	J. T. G. P. D.	27-8-17 11-7-18	Screw 2·2	Fassett-St. Thomas	Andre Chretien, Fassett P.Q.

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Val Cartier 116573 Fort William, Ont	3,754 2,248	1903 Steel Cleveland, Ohio.	Freight	Port McNicoll, Ont. 19-4-17 25-4-18	 G. M. A. S. D. A.	5-5-17 26-4-18	Screw 147	Pt Colborne & Duluth	Sault Shipping Co., Ltd., Sault Ste. Marie, Ont.
Valhalla 111541 Vancouver, B.C.	153 34	1901 Wood Nelson, B.C. 1910 Nelson.	Tug pass	Nelson, B.C. 21-5-17	 W. J. C.	19-7-17 12-7-18	Screw 36	Kootenay lakes	Can. Pac. Ry., Montreal, P.Q.
Valinda 130244 Yarmouth, N.S.	117 60	1911 Wood Liverpool, N.S.	Pass and frt. 6	Bridgetown, N.S. 12-7-17	 N. A. C. A. McD.	7-8-16 7-8-17	Screw 18·4	Bridgetown and St. John.	Bridgetown S.S. Co., Bridgetown.
Vancouver 92775 Vancouver.	47 32	1888 Wood Victoria.	Tug	Vancouver 18-4-17	H. G. R.	19-4-17 17-4-18	Screw 130	Vancouver and Georgia straits.	E. H. Heaps & Co., Vancouver.
Varennes 133907 Sorel, P.Q.	186 82	1911 Wood Sorel, P.Q.	Tug	Sorel, P.Q. 11-4-17	 F. X. H.	Not issued	Twin screw 20·2	St. Lawrence river	Minister Marine & Fisheries, Ottawa.
Varuna 72967 Picton.	134 85	Wood 1880 Kingston. 1903 Trenton.	Pass 125	Kingston 24-5-17 18-7-17	 T. P. T. M. R. D.	19-7-17 24-5-18	Screw 17	Trenton and Prescott	Ont. & Que. Nav. Co., Picton.
Vaughan 134258 Winnipeg, Man.	134 91	1914 Wood Selkirk, Man.	Tug	Selkirk, Man. 17-5-17	 W. J. V.	28-5-17 17-5-18	Screw 20·2	Red River	Minister, Public Works, Ottawa.
Venture 129475 Victoria, B.C.	1,011 580	1910 Steel Old Kilpatrick, Scot.	Freight pass. 186	Vancouver, B.C. 15-3-18	 A. E. H.	15-3-18 1-3-19	Twin screw 171	Vancouver and Prince Rupert.	Union S.S. Co., Vancouver.
Vera T 126384 Quebec, P.Q.	36 22	1909 Wood Lauzon, Que.	Tug	Quebec 28-6-17	 J. A. S.	28-6-17 28-6-18	Screw 3·3	Quebec harbour	J. S. Thom, Quebec, P.Q.
Verbena 122601 Kenora, Ont.	73 46	1907 Wood Kenora, Ont.	Tug	Keewatin, Man. 14-5-17	 W. J. V.	28-5-17 14-5-18	Screw 13·5	Lake of the Woods	Lake of the Woods Milling Co., Kenora, Ont.
Vercheres 133955 Sorel.	147 53	1906 Wood Sorel, P.Q.	Tug	Sorel, P.Q. 23-4-17	 F. X. H.	Not issued	Screw 24·7	St. Lawrence river	Minister, Marine & Fisheries Ottawa.
Vermillion 126387 Quebec, P.Q.	41 23	1909 Wood Grande Piles, P.Q.	Tug	Sanmaur, P.Q. 30-8-17	 F. X. H.	Not issued	Paddle 3.2	St. Maurice river	St. Maurice Contracting Co., Three Rivers, P.Q.
Victor 96728 Chatham, N.B.	46 29	1889 Wood Chatham, N.B.	Tug	Campbellton, N.B. 4-9-17	 C. E. D.	10-9-17 4-9-18	Screw 8	Inside Heron Island Light & Troadigash point.	Richards Mfg. Co., Campbellton, N.B.
Victoria 25868 Detroit, Mich.	192 116	1872 Wood Detroit, Mich. 1904 Detroit, Mich.	Ferry Pass.	Detroit, Mich. 9-10-17 18-10-17	 J. D. W. E.	18-10-17 22-9-18	Screw 26·6	Windsor & Detroit	Detroit and Windsor Ferry Co., Detroit, Mich.
Victoria 107408 Ottawa.	181 108	1899 Wood Toronto, Ont.	Pass. frt. 235	Ottawa, Ont. 7-4-17 1-5-18	 J.E.L. P. D.	Not issued	Screw 16·7	Ottawa-Thurso	Victoria Nav. Co., Ottawa, Ont.

Victoria 107746 Brockville, Ont.	58 40	1900 Wood Kingston, Ont.	Pass. 40	Smith Falls, Ont. 14-1-17 3-1-17	T. P. T. M. R. D.	17-7-17 15-5-18	Screw 9·4	Smith Falls and Rideau Lakes.	G. A. Davis, Smith Falls, Ont.
Victoria 116666 Montreal, P.Q.	343 183	1896 Wood Sorel, P.Q. 1902 Sorel, P.Q.	Pass. frt. 40	Montreal, P.Q. 4-5-17	J. T. G. P. D.	4-4-17 4-5-18	Screw 16·6	Montreal-Pt. Fortune	A. Mallette, Rigaud, Ont.
Vigilant 111594 Vancouver, B.C.	29 20	1890 Wood Victoria, B.C.	Tug	Vancouver, B.C. 27-2-18	H. G. R.	28-2-18 2-01-19	Screw 7·9	Vancouver and Howe sound.	R. Bailey, Vancouver, B.C.
Viking 116371 Port Arthur.	15 10	1902 Wood Rossport.	Tug	Fort William 13-11-17	W. J. V.	13-11-17 13-12-18	Screw 4	Thunder Bay	Thos. Craigie, Fort William
Violet G 138009 Port Arthur.	37 25	1917 Wood Rossport.	Tug	Rossport 15-8-17	W. J. V.	1-12-17 15-8-18	Screw 8	Jackfish and Nipigon straits.	James Gerow, Rossport,
Viper 107740 Kingston, Ont.	8 5	1899 Wood Kingston, Ont.	Tug	Belleville, Ont. 28-5-17	T. P. T.	13-6-17 28-5-18	Screw 1·7	Bay of Quinte	Frances J. Drake, Kingston, Ont.
Viper 111852 Port Arthur, Ont.	34 19	1901 Wood Owen Sound, Ont.	Tug	Toronto, Ont. 20-6-17	J. D.	Not issued	Screw 10·9	Grand river, Pte. Maitland and Dunville.	Canadian Towing & Wrecking Co., Port Arthur, Ont.
Virginia 71615 Montreal, P.Q.	146 89	1875 Wood Philadelphia, Pa.	Tug	Sorel, P.Q. 26-4-17	F. X. H.	15-4-17 25-4-18	Screw 66·6	Quebec & Kingston	Sincennes McNaughton Co., Montreal.
Volodga 135303 St. John, N.B.	1,784 2,906	1913 Steel Sunderland.	Freight	St. John, N.B. 30-4-18	C. E. D.	30-4-18 30-4-19	Screw 214	Canadian and Foreign Ports.	Gov. Gen'l. of Canada.
Volunda II 134524 Sydney.	33 23	Wood Ulira, C.B.	Tug	Ulira Gut 13-8-17	D. J. M.	20-8-17 138 18	Screw 7·5	Ulira River	Phillips and Nichol, Ulira.
Voyageur 103553 Midland, Ont.	44 30	1895 Steel Montreal, P.Q.	Pass. 40	Parry Sound, Ont. 10-8-17	S.D.A.	13-8-17 10-8-18	Screw 8·4	Parry Sound & Rose Pt	Manley Chew, Midland, Ont
W. B. Morley 138093 Montreal, P.Q.	1,913 1,087	1892 Wood Marine City, Mich.	Freight	Montreal, P.Q. 9-1-17	J.E.L. P.D.	18-4-17 9-4-18	Screw 124·3	Montreal and lake ports.	Plantyre Transportation Co, Montreal, P.Q.
W. C. Franz 130775 Sault Ste. Marie.	3,429 2,030	1901 Steel Wyandotte, Mich.	Frt.	Goderich, Ont. 13-4-17 23-4-17	J. D. W. E.	12-4-17 14-5-18	Screw 169·1	Port Colborne & Western Lakes.	Algoma Central & Hudson Bay Ry., Sault Ste. Marie.
W. D. Brock 117036 Sault Ste. Marie.	13 9	1905 Wood Echo Bay, Ont.	Tug	Sault Ste. Marie 14-5-17	G. M. A.	Not issued	Screw 1·6	St. Mary river	Thos. Longworth, Steelton, Ont.
W. D. Matthews 116264 Toronto, Ont.	3,965 2,450	1903 Steel Collingwood, Ont.	Freight pass.	Midland, Ont. 16-4-17 19-4-17	G. M. A. S. D. A.	28-4-17 19-4-18	Screw 151·5	All lakes and rivers	St. Lawrence & Chicago S.Nav.Co.
W. F. McRae 77717 Wallaceburg, Ont.	46 31	1880 Wood Wallaceburg, Ont.	Tug	Sorel, P.Q. 3-5-17	F. X. H	21-5-17 3-5-18	Screw 8·5	Three Rivers and Grondines.	Messrs. Jackson, Seaforth, Ont.
W. G. Harrow 134018 Port Arthur.	110 75	Wood 1893 1912 Port Huron.	Tug.	Port Arthur 9 11 17	W. J. V.	10 11 17 1 1-18	Screw 20	Thunder Bay Class IV.	Dom. Fish Co., Port Arthur.
W. H. Seymour 111810 Sault Ste. Marie.	85 42	1874 Wood Erie, Pa. 1916 Blind River, Ont.	Tug	Blind River, Ont. 31-8-17	G.M.A.	Not issued	Screw 36·5	Blind River and vicinity	North Channel Towing Co., Cutler, Ont.
W. H. Siebold 90763 Goderich, Ont.	22 15	1887 Wood Goderich, Ont.	Fishing tug.	Sault Ste. Marie 11-5-17	E. W. McK.	Not issued	Screw 8·4	Pilot harbour, Batchawana and vicinity.	Dominion Fish Co., Winnipeg, Man.
W. J. Emmerson 107133 Goderich, Ont.	28 19	1900 Wood Goderich, Ont.	Fishing tug.	Port Arthur, Ont. 8-11-17	W. J. V.	8-11-17 8-11-18	Screw 5·6	Thunder bay	Jonn Maloney, Port Arthur, Ont.

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W. J. Guest 138419 Winnipeg.	97 66	1917 Wood Selkirk.	Tug.	Selkirk 3-10-17	W. J. V.	29-10-17 3-10-18	Screw 21	Lake Winnipeg Class IV.	Northern Fish Co., Ltd., Selkirk.
W. L. Forrest 122613 Goderich, Ont.	84 57	1912 Wood Goderich, Ont.	Tug.	Walkerville, Ont. 5-10-17	 J. D.	17-10-17 4-10-18	Screw 37·5	Amherstburg and Port Huron.	Bermingham & Forrest, Goderich, Ont.
W. L. Murphy 131121 Ottawa, Ont.	80 49	1912 Wood Pembroke, Ont.	Ferry. 40 Pass.	Pembroke, Ont. 23-5-17 11-9-17	 J. E. L. M. R. D.	20-9-17 23-5-18	Screw 4·8	Pembroke-Allumette Isd.	W. L. Murphy, Pembroke, Ont.
W. M. Weatherspoon 94697 Sydney, N.S.	59 34	1890 Wood Digby, N.S.	Tug.	Halifax, N.S. 20-7-17	 D. J. M	25-7-17 26-8-18	Screw 24	Halifax harbour	D. Rudderham, North Sydney, N.S.
W. R. Charlton 134497 Quebec, P.Q.	62 36	1906 Wood Sault au Mouton, P.Q.	Tug.	Quebec, P.Q. 3-5-17	 J.A.S.	3-5-17 3-3-18	Paddle 20	Sault au Mouton	Iberville Lumber Co., Sault au Mouton, P.Q.
W. Grant 126517 Victoria.	103 37	1910 Steel Victoria.	Whaler	Victoria 19-2-18	B. M.	1-3-18 18-2-19	Screw 46	B.C. Coast Class IV B.	Victoria Whaling Co., Toronto.
W. Grant-Morden 134015 Port Arthur, Ont.	8,611 6,086	1914 Steel Port Arthur, Ont.	Frt. pass. 10	Port McNicoll, Ont. 18-4-17 25-4-17	 G. M. A. S. D. A.	5-5-17 25-4-18	Screw 210·7	All lakes and rivers	Western Drydock & Shipbuilding Co., Port Arthur, Ont.
Wabana 100702 Pictou, N.S.	12 8	1899 Steel New Glasgow, N.S.	Tug.	North Sydney, N.S. 10-8-17	 D. J. M.	20-8-17 10-8-18	Screw 4·1	Sydney harbour	N.S. Steel & Coal Co., New Glasgow, N.S.
Wacouta 116633 Lindsay, Ont.	33 22	1909 Wood Peterboro, Ont.	Pass. 40	Lindsay, Ont. 17-8-17	 T. P. T.	25-8-17 10-7-18	Screw 6	Trent Valley canal	W. B. Burgoyne & Sons, Fenelon Falls, Ont.
Wahnapitae 116754 Toronto, Ont.	153 95	1904 Wood Penetang, Ont.	Tug.	Penetang, Ont. 25-9-17	 G. M. A.	1-10-17 25-9-18	Screw 37·5	Georgian bay	C Beck Mfg. Co., Penetang, Ont.
Wake 131159 Prince Rupert.	18 12	1912 Wood Vancouver.	Freight and Pass. 20	Anyox, B.C. 16-3-16	A. F.	Not issued	Screw 4	Portland Canal, Anyox, B.C.	Kergin & Fowler, Alice Arm, B.C.
Wanakewan 126465 Kingston, Ont.	68 44	1910 Wood Kingston, Ont.	Pass. and freight. 107	Ottawa, Ont. 12-5-17 25-5-17	J. T. G. P. D.	9-6-17 12-5-18	Screw 8·1	Ottawa and Cars	B. W. Campbell, Ottawa, Ont.
Wanda 94950 Shelburne, N.S.	38 32	1890 Wood Shelburne, N.S.	Fishing boat.	Yarmouth, N.S. 14-7-17	N. A. C.	19-7-17 14-7-18	Screw 18·4	Coasting	H. Cann & Sons, Yarmouth, N.S.
War Dance Port Arthur.	2,231 1,337	1917 Steel Port Arthur	Freight	Port Arthur 24-11-17	W. J. V.	24-11-17 1-1-18	Screw 147	Port Arthur to Father Point. Class IV.	Imperial Munitions Board, Ottawa.
War Fish 138008 Port Arthur.	2,646 1,613	1917 Steel Port Arthur.	Freight	Port Arthur 18-9-17	W. J. V.	18-9-17 31-10-17	Screw 146	Port Arthur to Father Point. Class IV.	Jas. Playfair, Midland.

War Wasp 103810 Pictou.	1,422 810	1917 Steel New Glasgow.	Freight	New Glasgow 3-8-17	W. J. V.	20-8-17 3-8-18	Screw	Canadian and Foreign Ports, Class II.	Wassis SS. Co., Ltd., New Glasgow.
Wanita 103683 Toronto, Ont.	44 30	1896 Wood Ahmic Harbour. 1913 Burks Falls.	Tug	Burks Falls, Ont. 20-7-17	J. T. G.	24-7-17 20-7-18	Screw 8·1	Burks Falls-Ahmic harbour.	A. A. Agar, Burks Falls, Ont.
Waring 100084 St. John, N.B.	29 20	1892 Wood Kings Co., N.B. 1904 St. John, N.B.	Tug	St. John, N.B. 11-10-17	C. E. D.	11-10-17 11-10-18	Screw 13·5	Inide Musquash Head and Cape Spencer	Mrs. C. A. Waring, St. John, N.B.
Wasson 126288 St. John, N.B.	45 31	1909 Wood The Range, N.B.	Tug	St. John, N.B. 25-10-17	C. E. D.	24-10-17 23-10-18	Screw 16·7	Coasting	A. W. Adams, St. John, N.B.
Water Lily 94923 Picton, Ont.	95 60	1891 Wood Picton, Ont.	Freight	Sorel, P.Q. 9-5-17	F. X. H.	15-5-17 9-5-18	Screw 11	Montreal harbour and Lachine canal.	Ontario & Quebec Nav. Co., Picton, Ont.
Water Witch 116288 Halifax, N.S.	90 51	1903 Wood Dartmouth, N.S.	Water boat.	Halifax, N.S. 4-8-17	D. J. M.	4-8-17 4-8-18	Screw 19·8	Halifax harbour	Judge Bros., Halifax, N.S.
Waubano 138497 Montreal.	61 34	1917 Wood Saumon, P.Q.	Tug	Saumon 31-8-17	F. X. H.	Not issued	Paddle 5	Saumon and Chaudière.	St. Maurice Co.
Waubaushene 112336 Collingwood, Ont.	135 92	1904 Steel Collingwood, Ont.	Tug	Waubaushene, Ont. 18-9-17	G. M. A.	1-10-17 18-9-18	Screw 37·5	Georgian bay	Georgian Bay Lumber Co., Waubaushene, Ont.
Waubic 122555 Collingwood, Ont.	504 244	1909 Steel Collingwood, Ont.	Pass. 461	Collingwood, Ont. 5-6-17 22-6-17	G. M. A. S. D. A.	22-6-17 22-6-18	Twin screw 73·4	Penetang and Parry Sound.	Northern Nav. Co., Collingwood, Ont.
Wauketa 206077 Detroit, Mich.	543 268	1909 Steel Toledo, O.	Pass. 1,560	Detroit, Mich. 3-5-17 8-6-17	J. D. W. E.	5-6-17 22-3-18	Screw 96·4	Port Huron and Toledo.	White Star Line, Detroit, Mich.
Waukon 130971 Collingwood, Ont.	29 20	1912 Wood Collingwood, Ont.	Pass. 30	Point au Baril 29-8-17	S.D.A.	30-8-17 29-8-18	Screw 6	Point au Baril and Pte. au Baril station.	Wm. Watts & Sons, Collingwood, Ont.
Wawinet 116762 Toronto, Ont.	68 46	1904 Wood Toronto, Ont.	Yacht	Fenelon Falls, Ont. 16-8-17	T. P. T.	25-8-17 10-7-18	Screw 9·9	Trent canal	Wm. McKenzie, Toronto.
Web 126646 Port Dover.	30 26	1903 Wood Buffalo, U.S. 1914 Port Dover.	Fish boat	Port Dover, Ont. 26-7-17	J. B. S.	30-7-17 26-7-18	Screw 3·3	Lake Erie	H. W. Ansley, Port Dover, Ont.
Welcome 85510 Collingwood.	21 14	1886 Wood Collingwood.	Tug	Port Arthur 1-12-17	W. J. V.	1-12-17 11-9-18	Screw 7	Port Arthur and Rossport.	Central Contracting Co., Fort William.
Wendigo 126444 Kenora, Ont.	33 20	1908 Wood Kenora, Ont.	Tug	Kenora, Ont. 2-5-17	W. J. V.	Not issued	Screw 2·7	Lake of the Woods	Rat Portage Lumber Co., Kenora, Ont.
Westerian 117073 Ottawa, Ont.	988 580	1871 Iron Buffalo, N.Y. 1913 Montreal, P.Q.	Freight	Montreal, P.Q. 23-4-17 28-4-17	J. T. G. M. R. D.	30-4-17 28-4-18	Screw 80·6	Fort William and Father Point.	Westerian Transportation Co., Ltd., Ottawa, Ont.
Westham 126276 New Westminster.	199 126	1909 Wood New Westminster.	Freight	Vancouver, B.C. 22-11-17	H. G. R.	23-11-17 26-10-18	Screw 10·7	Vancouver, Nanaimo & New Westminster.	Westham SteamshipCo. Ltd Vancouver, B.C.
Westmount 138232 Montreal.	7,392 5,635	1917 Steel Collingwood.	Freight and pass. 10	Collingwood 24-4-17 12-5-17	G. M. A. S. D. A.	22-8-17 12-5-18	Screw 218	Port Colborne and Fort William.	Montreal Trans. Co., Ltd., Montreal.
Westport III 116208 Yarmouth.	140 49	1903 Wood Shelburne.	Naval Service.	Halifax 3-8-17 16-10-17	N. A. C. A. M.	Not issued	Screw 24	Coasting	Insular SS. Co., Yarmouth.
West Vancouver No. 5 134086 Vancouver, B.C.	71 49	1914 Wood Vancouver, B.C.	Pass. 150 S. 115 W.	Vancouver, B.C. 21-5-17	H. G. R.	25-5-17 1-5-18	Screw 9·3	Vancouver and West Vancouver.	Corporation of the District of Vancouver, B.C.

TABLE I—*Continued.*—TABLEAU I—*Suite.*

Name of Vessels—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Wethersfield	1,875	1903 Steel	Freight	Chester, Pa.	T.P.T.	30-3-18	Screw	Kingston, Ont. and overseas.	Inter American Steamship Co., Ltd., Toronto, Ont.
114445 Montreal, P.Q.	1,171	Wallsend on Tyne, G.B.		26-3-18 22-3-18	M.R.D.	24-3-19	167·6		
We Two	32	1907 Wood	Tug	Vancouver, B.C.		Not issued.	Screw	Vancouver harbour	Evans Coleman & Evans, Vancouver, B.C.
122541 Vancouver, B.C.	22	Vancouver, B.C.		27-4-17	A.E.H.		9·4		
Weymouth	154	1890 Wood	Frt	Sydney, N.S.					
94824 Pictou, N.S.	116	Weymouth, N.S. 1901 North Sydney.		4-5-17	D. J. M. A. McD.	10-5-17 1-4-18	Screw 29	Sydney and Port Hastings.	Merchants Transportation Co., Sydney, N.S.
Whatshan	106	1909 Wood	Tug	East Robson, B.C.					
126552 Vancouver, B.C.	72	Nakusp, B.C.		22-5-17	W. J. C.	16-5-17 1-5-18	Screw 37·3	Arrow head and Robson	Can. Pac. Ry., Montreal P.Q.
Where To	13	1915 Wood	Pass	Hamilton, Ont.					
112209 Hamilton, Ont.	10	Hamilton, Ont.	70	13-6-17 24-5-17	J. B. S. W. E.	14-6-17 24-5-18	Screw 8·4	Burlington bay	Hamilton Shipbuilding & Ferry Co., Hamilton, Ont.
Wherenow	48	1889 Composite	Pass	Hamilton, Ont.					
92400 Kingston, Ont.	26	Kingston, Ont.	85	12-7-16 13-7-16	J. B. S. W. E.		Screw 3·2	Burlington bay	Hamilton Shipbuilding & Ferry Co., Hamilton, Ont.
White	102	1910 Steel	Whaler	Victoria, B.C.					
131338 Liverpool, Eng.	37	Christiana, Norway.		18-2-18	B. M.	1-3-18 17-2-19	Screw 45·6	Coasting	Victoria Whaling Co., Ltd., Toronto, Ont.
White Horse	987	1901 Wood	Freight	Dawson, Y.T.			Stern wheel	Yukon river	British Yukon Nav. Co., Victoria, B.C.
107837 Victoria, B.C.	631	White Horse, Y.T.	160 Pass.	1-7-17	A. F.	1-7-17 30-6-18	17		
White Star	624	1897 Steel	Pass	Sorel, P.Q.		22-5-17	Paddle	Montreal and St. Helen's Island.	Canada Steamships Line, Montreal, P.Q.
103961 Montreal.	313	Montreal.	700	22-5-17 9-5-18	F. X. H. P. D.	9-5-18	40·7		
White Wing	17 12	.... Wood	Tug	Lake St. Francis, P.Q.		30-7-17	Screw	Lake St. Francis	Brompton Pulp & Paper Co., East Angus, P.Q.
				19-3-17	J.A.S.	19-7-18	2·1		
Wiley M. Egan	1667	1887 Wood	Freight	Port Colborne		Not issued.	Screw	Lakes and rivers	C. S. Lines, Montreal, P.Q.
111965 Picton, Ont.	1425	Cleveland, O.		11-4-17 21-4-17	J.B.S. W.E.		36		
Willard	27	1912 Wood	Yacht	Smith Falls, Ont.		20-7-17	Screw	Rideau canal	Mabel A. Code, Smith Falls, Ont.
130761 Kingston, Ont.	18	Rideau Ferry, Ont.		14-7-17	T. P. T.	3-6-18	1·2		
William Aitken	75	1887 Wood	Tug	Charlottetown, P.E.I.		1-10-17	Screw	Inside Rice Point and Prim Point.	W. H. Batt Bros., Charlottetown, P.E.I.
90880 Charlottetown.	51	Yarmouth, N.S.		28-9-17	C. E. D.	28-9-18	34·6		
William A. Rooth	52	1872 Wood	Tug	Port Arthur.	W. J. V.	5-11-17	Screw	Port Arthur and Nipigon	Jas. Horrigan Co., Port Arthur.
96858 Port Arthur.	32	Port Colborne.		6-9-17		1-1-18	18	Class IV.	
William D.	10	1899 Wood	Tug	Gore Bay, Ont.		Not issued.	Screw	Sheltered waters off Gore Bay.	Jas. Young, Gore Bay, Ont.
121953 Port Stanley.	7	Erie, Pa.		23-7-17	G. M. A.		1·2		
Wm. J. Averill	1,854	1884 Wood	Freight	Kingston, Ont.	T.P.T.	Not issued.	Screw	Duluth & Father Point.	Lake and River Transp. Co., Ltd., Montreal, P.Q.
138107 Montreal, P.Q.	1,063	Detroit, Mich.		22-4-16	M.R.D.		88·8		

William Edwards 134528 Sydney, N.S.	1,336 831	1879 Wood Abbotts Bridge, Ohio.	Freight	Sydney, N.S. 19-4-17	D.J.M. A. McD.	20-4-17 19-4-18	Screw 107·6	Canadian and foreign	Wm. Edwards Steamship Co., Sydney, N.S.
William Johnston 80874 Kingston, Ont.	95 53	1878 Wood Garden Island. 1912 Garden Island.	Tug	Portsmouth, Ont. 27-3-17	 T. P. T.	Not issued	Screw 12·9	St. Lawrence river	Jno. Donnelly, Kingston, Ont.
William H. Ladner 126731 Vancouver, B.C.	284 162	1909 Wood Vancouver, B.C.	Pass. 150	New Westminster, B.C. 8-6-17 19-1-18 2nd insp.	 A.E.H. A. E. H.	16-6-17 7-12-18 21-1-18 1-5-18	Stern wheel 9·6	Fraser river Ladner to Woodward's Landing	Minister of Public Works, Victoria, B.C.
William H. Murray 100887 St. John, N.B.	75 51	1894 Wood St. John, N.B.	Tug	Dartmouth, N.S. 30-5-17	 D.J.M.	31-7-17 30-5-18	Screw 33·6	Halifax harbour	Hendry, Limited, Halifax, N.S.
Wm. M 111842 Chatham.	29 20	1901 Wood Chatham.	Tug	Dalhousie 5-9-17	 C. E. D.	10-9-17 5-9-18	Screw 13	Heron Is. Light and Tracadigash Pt.	Dalhousie Lumber Co., Dalhousie.
Wm. Rollar 134193 Sault Ste. Marie	35 11	1882 Wood Saugatuck, Mich.	Tug	Sault Ste. Marie, Ont. 11-5-17	 G.M.A.	9-7-17 11-6-18	Screw 8·5	St. Mary River	A. B. McLean, Sault Ste. Marie, Ont.
Willie C 107402 Montreal.	8 6	1893 Wood Eddieville, N.Y.		Sorel 28-8-17	F. X. H	Not issued	Screw 3	Riviere St. Francois	L. Cahen, Montreal.
Willrose 130980 Collingwood.	49 31	1915 Wood Collingwood.	Tug	Meaford 13-9-17	 G. M. A	Not issued	Screw 11	Meaford, Coasting	Wm. Rose, Meaford.
Wilma 130326 Port Stanley.	55 37	1911 Wood Collingwood.	Tug	Port Stanley 12-10-17	J. B. S.	20-11-17 12-11-18	Screw 14	Lake Erie	Wilma Fish Co., Port Stanley.
Windsor 125986 Montreal.	1,962 1,276	1892 Wood Marine City, Mich.	Freight	Kingston 14-4-17 30-4-17	 T. P. T. M. R. D.	30-4-17 14-4-18	Screw 27	Erie and Quebec	M. T. Co., Montreal.
Winner 116314 Amherstburg, Ont.	48 32	1884 Wood Port Clinton, Ont.	Fishingboat	Port Burwell, Ont. 16-10-17	 J. B. S.	23-10-17 16-10-18	Screw 20·1	Lake Erie	C. F. Stanton, et al, Port Stanley, Ont.
Winona 94717 Midland, Ont.	231 149	1902 Wood Port Stanley, Ont.	Pass. 140	Gore Bay, Ont. 23-7-17 9-8-17	 G. M. A. S. D. A.	16-8-17 23-7-18	Screw 24	Gore Bay and Thessalon	Jas. Purvis, Gore Bay, Ont.
Wireless 126783 New Westminster, B.C.	90 49	1910 Wood New Westminster.	Tug	Vancouver, B.C. 11-5-17	 H. G. R.	12-5-17 6-5-18	Screw 33	Vancouver and Straits of Georgia.	Westminster Towing and Fishing Co., New Westminster, B.C.
Woburn (E. Jubilee) 138089 Quebec.	51 34	1915 Composite Lake Megantic. 1897 Sorel.	Pass. and 29 Freight.	Lake Megantic, P.Q. 10-10-17 28-8-17	 J. A. S. P. D.	11-10-17 28-8-18	Screw 2·1	Megantic and Woburn	H. W. Alron, Lake Megantic, P.Q.
Wolfe Islander 116763 Kingston, Ont.	224 98	1904 Composite Toronto, Ont.	Pass. 340	Kingston, Ont. 23-4-17 11-4-17	T. P. T. M. R. D.	23-4-17 11-4-18	Paddle 28·2	Kingston and Wolfe Island.	Corporation of the Tp. of Wolfe Island, Ont.
Wolverine 102295 Winnipeg, Man.	278 180	1903 Wood Selkirk, Man.	Pass. and Freight. 100	Selkirk, Man. 21-5-17	 W. J. V.	29-5-17 21-5-18	Screw 31·8	Selkirk and Warren landing.	Northern Fish Co., Winnipeg, Man.
Yale 116402 Victoria, B.C.	36 25	1903 Wood Nakusp, B.C.	Tug	Arrowhead, B.C. 11-5-17	 W. J. C.	28-5-17 10-5-18	Screw 16	Arrow lakes	Bowman Lumber Co., Comaplix, B.C.
Yarmouth 93373 Yarmouth, N.S.	1452 725	1887 Steel Dumbarton, G.B.	Frt. & pass. 24	New York 8-5-17	 C. E. D. W.R.B.	17-5-17 8-5-18	Screw 211·7	Coasting	North American S.S. Corporation, Halifax N.S.
Yennek 126467 Kingston, Ont.	39 27	1896 Wood Clayton, N.Y.	Pass. 40	Kingston, Ont. 12-5-17	 T. P. T. M. R. D.	12-5-17 12-5-18	Screw 3·5	Trenton and Prescott	D. J. Kenney, Gananoque, Ont.

TABLE I—*Concluded.*—TABLEAU I—*Fin.*

Name of Vessels—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and when Built—Material. — Année et lieu de construction—Nature de la coque.	Trade—No. of Pass. — Service—Nombre de pass.	Port and Date of Inspection. — Ports et dates d'inspection.	Inspectors' Initials. — Initiales des inspecteurs.	Certificate: Issued— Expires. — Certificat: Délivrance-Expiration.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
Ymir	70	1898 Wood	Tug	Nelson, B.C.		29-5-17	Screw	Kootenay lake	Can. Pac. Ry. Co., Montreal
107452 Vancouver, B.C.	47	Nelson, B.C. 1912 Nelson, B.C.		15-5-17	W. J. C.	14-5-18	27·3		
Yorkton	1772	1911 Steel	Freight	Midland, Ont.		12-5-17	Screw	Lakes and rivers	Matthews Steamship Co., Toronto.
132060 Sunderland, Eng.	1136	Sunderland, Eng.		14-4-17 26-4-17	G. M. A. S. D. A.	20-4-18	106·3		
You and I	25	1902 Wood	Fishingboat	Port Maitland, Ont.		Not issued	Screw	Lake Erie	McKeown Bros., Port Maitland, Ont.
112050 St.Catharines, Ont.	17	Port Maitland, Ont.		18-7-17	J. B. S.		4		
Yusella	9	1913 Wood	25 Pass.	Nanaimo, B.C.		25-6-17	Screw	Nanaimo and Gabreola Island.	Jancowski Bros., Nanaimo, B.C.
134642 Victoria, B.C.	6	Nanaimo, B.C.		22-6-17	W. J. C.	21-6-18	1·0		
Yvon	51	1906 Wood	Tug	Sorel, P.Q.		22-5-17	Screw	Montreal harbour and canals.	Sincennes-McNaughton Line, Montreal.
122226 Montreal, P.Q.	26	Sorel, P.Q.		7-5-17	F. X. H.	21-5-18	29		
Zaidee	19	1884 Wood	Tug	North Sydney, N.S.		16-5-17	Screw	Sydney Harbour	W. S. Thomspon, North Sydney, N.S.
88150 Sydney, N.S.	13	Dartmouth, N.S.		5-5-17	D. J. M.	3-5-18	3·3		
Zara	35	1903 Wood	Tug	New Liskeard		31-5-17	Screw	Lake Timiskaming	Reynolds and Hendry, Toronto, Ont.
100625 Port Dover, Ont.	24	Port Rowan, Ont.		26-5-17	J. E. L.	26-5-18	2·1		

TABLE II.—Showing Inspections made during Fiscal Year ended March 31, 1918, of Dredges, Drill Boats, Floating Elevators, etc., arranged according to Districts.

TABLEAU II.—Inspections faites durant l'exercice financier terminé le 31 mars 1918, de dragues, bateaux-forets, élévateurs, flottants, etc. Les noms sont disposés d'après les districts.

Tonnage: Gross registered—Brut enregistré.

HALIFAX DIVISION.—N. A. Currie and D. J. Murray, Inspectors.

DIVISION D'HALIFAX—N. A. Currie et D. J. Murray, inspecteurs.

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Port d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Class of Vessel. — Catégories des navires.	Port and Date of Inspection. — Ports et dates d'inspection.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Where employed. — — Localités où employés.	Name and Address of Owners. — Noms et adresses des propriétaires.
Ferguson	387	1912 Steel	Dipper dredge	Pictou, N.S.	9-5-17	Harbour	Beasley Bros., Halifax, N.S.
130599 Halifax, N.S.	387	Welland, Ont.		8-5-17	8-5-18		
P. W. D. No. 5		1904	Suction dredge	Pictou, N.S.	9-5-17	Harbour	Minister of Public Works, Ottawa.
(Not registered.)		Toronto, Ont.		7-5-17	7-5-18		
P. W. D. No. 7	232	1872 Iron	Dredge	Liverpool, N.S.	22-5-17	Coasting	Minister of Public Works, Ottawa.
130249 (En Canada) Ottawa	46	Renfrew, G.B.		21-5-17	21-5-18		
P. W. D No. 13	404	1914 Wood	Dipper	Pictou	9-5-17	Harbour	Public Works Department.
133950 Ottawa.	404		Dredge.	7-5-17	7-5-18		

TABLE II—*Continued.*—TABLEAU II—*Suite.*

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION—C. E. Dalton, Inspector.

DIVISION DU NOUVEAU-BRUNSWICK ET DE L'ILE DU PRINCE-EDOUARD—C. E. Dalton, inspecteur.

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Class of Vessel. — Catégories des navires.	Port and Date of Inspection. — Ports et dates d'inspection.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Where employed. — Localites où employés.	Name and Address of Owners. — Noms et adresses des propriétaires.
McDougald 131009 St. John, N.B.	805 805	Wood Not known	Dredge	Point du Chene, N.B. 24-5-17	11-6-17 24-4-18	Northumberland straits	Roger, Millar & Co., Ltd., Shediac, N.B.
P. W. D. No. 1 134184 Ottawa, Ont.	1,605 887	1905 Steel Toronto, Ont.	Dredge	St. John, N.B. 26-4-17	17-10-17 26-4-18	St. John harbour	Minister of Public Works, Ottawa, Ont.
P. W. D No. 2 71716 Halifax.	467 290	1875 Iron Renfrew.	Dredge	St. John, N.B. 22-5-17	23-5-17 22-5-18	Coasting	Public Works Department.
P. W. D. No. 3 130642 Ottawa.	470 319	1900 Steel Amsterdam.	Dredge	Bathurst 17-9-17	Not issued	Coasting	Public Works Department.
P. W. D. No. 9 130346 Charlottetown.	368 368	1906 Steel Toronto, Ont.	Dredge	Georgetown, P.E.I. 26-9-17	1-10-17 26-9-18	Inside Cape Bear & Souris Head.	Minister of Public Works, Ottawa. Ont.
P. W. D. No. 10 130347 Charlottetown.	244	1871 Wood Summerside, P.E.I.	Dredge	Charlottetown, P.E.I. 27-9-16		P. E. I. harbours and rivers.	Minister of Public Works, Ottawa, Ont.
P. W. D. No. 11 130348 Charlottetown.	192 192	1911 Wood Pugwash, N.S.	Dredge	Rustico, P.E.I. 25-9-17	1-10-17 25-9-18	P. E. I. rivers and harbours.	Minister of Public Works, Ottawa, Ont.
Hopper No. 63 135138 London, Eng.	486 187	1912 Steel Hull, Eng.	Hopper barge	St. John, N.B. 1-11-17	Not issued	Foreign	J. Constant, London, Eng.
Hopper No. 64 135138 London, Eng.	486 187	1912 Steel Hull, England.	Hopper barge	St. John, N.B. 1-11-17	Not issued	Foreign	J. Constant, London, Eng.

QUEBEC DIVISION.—J. A. Samson, Inspector.

DIVISION DE QUEBEC.—J. A. Samson, inspecteur.

King Edward 122482 Quebec.	330 330	1903 Wood Montreal.	Dredge	Levis 4-5-17	15-5-17 4-5-18	Rimouski Harbour.	W. J. Poupore. Montreal.
P. W. D. Crane No. 2				Chicoutimi 22 5 17	Not issued	Saguenay river,	Public Works Department, Montreal
Q.H.C. Elevator Dredge No. 2 134498 Quebec, P.Q.	520 264	1914 Steel	Elevator dredge	Quebec, P.Q 23-5-17	30-6-17 29-6-18	Quebec harbour	Quebec Harbour Commission, Quebec, P.Q.
J.L.L. No. 9 134495 Quebec, P.Q.	187 173	1914 Wood Quebec, P.Q.	Suction dredge	Quebec P.Q 24-4-17	14-8-17 24-9-18	Quebec harbour	La Cie Sable Union, Ltee, Quebec, P.Q.
M. & F. No. 9 131049 Sorel, P.Q.	1,332 837	1905 Steel Germany.	Suction dredge	Quebec ,P.Q 27-4-17	Not issued	St. Lawrence river	Marine and Fisheries, Ottawa, Ont.
P. W. D. No. 115 Ottawa, Ont.	414	1907 Wood Ottawa, Ont.	Dipper dredge	Chicoutimi, P.Q 22-5-17	Not issued		Minister of Public Works, Ottawa, Ont.

SOREL DIVISION—F. X. Hamelin, Inspector.

DIVISION DE SOREL—F. X. Hamelin, inspecteur.

M. & F. No. 2 131043 Sorel, P.Q.	539 508	1896 Wood Sorel, P.Q.	Elevator dredge	Sorel, P.Q. 24-4-17	Not issued	St. Lawrence river	Minister of Marine and Fisheries, Ottawa.
M. & F. No. 3 131044 Sorel, P.Q.	528 479	1900 Steel Sorel, P.Q.	Elevator dredge	Sorel, P.Q 10-5-16	Not issued	St. Lawrence river	Minister of Marine and Fisheries, Ottawa.
M. & F. No. 4 131045 Sorel, P.Q.	575 330	1900 Wood Sorel, P.Q.	Dredge	Sorel, P.Q 19-9-17	Not issued	St. Lawrence river	Minister of Marine and Fisheries, Ottawa.
M. & F. No. 5 131046 Sorel, P.Q.	566 519	1901 Wood Sorel, P.Q.	Elevator dredge	Sorel, P.Q 24-9-17		St Lawrence river	Minister of Marine and Fisheries, Ottawa.
M. & F. No. 6 131047 Sorel, P.Q.	603 559	1902 Wood Sorel, P.Q.	Elevator dredge	Sorel, P.Q 11-5-17	Not issued	St. Lawrence river	Marine and Fisheries, Ottawa.
M. & F. No. 8 131048 Sorel, P.Q.	2,049 1,269	1907 Steel Sorel, P.Q.	Suction dredge	Sorel, P.Q 9-5-17	Not issued	St. Lawrence river	Marine and Fisheries, Ottawa.

TABLE II—*Continued.*—TABLEAU II—*Suite.*

SOREL DIVISION—F. X. Hamelin, Inspector

DIVISION DE SOREL—F. X. HAMELIN, Inspecteur.

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Class of Vessel. — Catégories des navires.	Port and Date of Inspection. — Ports et dates d'inspection.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Where employed. — Localités où employés.	Name and Address of Owners. — Noms et adresses des propriétaires.
M. & F. No. 12 134361 Sorel, P.Q.	841 682	1912 Steel Sorel, P.Q.	Elevator dredge	Sorel, P.Q. 20-4-17	Not issued	St. Lawrence river	Minister of Marine and Fisheries, Ottawa, Ont.
M. & F. No. 13 134362 Sorel, P.Q.	841 682	1913 Steel Sorel, P.Q.	Elevator dredge	Sorel, P.Q. 30-4-17	Not issued	St. Lawrence river	Minister of Marine and Fisheries, Ottawa, Ont.
Rock Breaker No. 1 134363 Sorel, P.Q.	309 197	1911 Steel Sorel, P.Q.	Stonebreaker	Sorel, P.Q. 8-5-17	Not issued	St. Lawrence river	Minister of Marine and Fisheries, Ottawa.
M. & F. No. 14 134365 Sorel, P.Q.	842 331	1914 Steel Collingwood, Ont.	Elevator dredge	Sorel, P.Q. 25-4-17	Not issued	St. Lawrence river	Minister of Marine and Fisheries, Ottawa.
M. & F. No. 15 134366 Sorel, P.Q.	887 331	1914 Steel Collingwood, Ont.	Elevator dredge	Sorel, P.Q. 18-4-17	Not issued	St. Lawrence river	Minister of Marine and Fisheries, Ottawa.
Capital 121787 Ottawa, Ont.	178	1905 Wood Ottawa, Ont.	Spoon dredge	Three Rivers, P.Q. 6-8-17	11-8-17 6-8-18	Three Rivers Harbour	A. Marchildon and L. E. Dufresne, Three Rivers, P.Q.
Coal Barge No. 6 (Not completed.)	611 340	1916 Steel Sorel, P.Q.	Coal barge	Sorel, P.Q. 12-4-17	Not issued	Montreal and Quebec	Minister of Marine and Fisheries, Ottawa.
Hopper Barge No. 1 134361 Sorel, P.Q.	676 347	1913 Steel Levis, P.Q.	Mud hopper	Sorel, P.Q. 18-5-17	Not issued	Canadian ports	Marine and Fisheries Department, Ottawa, Ont.
Stone Lifter No. 4 (Not registered.)		1910 Steel Sorel, P.Q.	Stone Lifter	Sorel, P.Q. 18-6-17	Not issued	Cap. Laroche	Minister of Marine and Fisheries, Ottawa.

MONTREAL DIVISION—J. E. Lunan and J. T. Gardham, Inspectors.

DIVISION DE MONTREAL—J. E. Lunan et J. T. Gardham, inspecteurs.

Filgate		1879 Iron Montreal.	Derrick scow	Kingston, Ont. 10 9 17	Not issued	Kingston to Montreal	J. L. Weller, St. Catharines.
F. A. R. No. 3 Peterboro.	67 67	1917 Wood Glen Ross 0	Dipper dredge	Hazel's Island 8 9-17	14 9 17 5-7-18	Trent canal	Robertson & Maloney, Cornwall.
John Kennedy 126151 Montreal, P.Q.	359 359	1892 Wood Levis, P.Q.	Dipper dredge	Montreal, P.Q. 24-4-17	5-5-17 24-4-18	Montreal harbour	Harbour Commission of Montreal.
Ottawa 107736 Montreal, P.Q.	220 130	1889 Wood Cornwall, Ont.	Dipper dredge	Cedars, P.Q. 1-10-16		Inlet to Cedars Power House.	Montreal General Contracting Co. Montreal, P.Q.
Prince Ito 126474 Halifax, N.S.	473 321	1900 Steel Holland.	Suction dredge	Montreal, P.Q. 2-5-16		Montreal and Three Rivers.	Wm. J. Poupore, Montreal, P.Q.
St. Louis (now Dredge 121) 134451 Ottawa, Ont.	115 104	1906 Wood Ottawa.	Dipper dredge	Montreal, P.Q. 18-4-16		Rivers	Dept. Public Works, Ottawa.
St. Pierre 107899 Montreal, P.Q.	201 180	1899 Wood Three Rivers.	Dipper dredge	Cedars, P.Q. 1-10-16		Inlet to Cedar Rapids Power House.	Montreal General Contracting Co., Montreal, P.Q.
Tay (Not registered.)			Dipper dredge	Ottawa, Ont 2-5-16		Rideau canal	Dept. Railways and Canals, Ottawa.
Dredge No. 4 107881 Montreal, P.Q.	461 436	1899 Steel Levis, P.Q.	Dipper dredge	Montreal, P.Q. 25-4-17	7-5-17 25-4-18	Montreal harbour	Harbour Commissioners, Montreal, P.Q.
Dredge No. 5 130921 Montreal, P.Q.	498 498	1910 Steel Toronto, Ont.	Dipper dredge	Montreal, P.Q. 27-4-17	5-5-17 24-4-18	Montreal harbour	Harbour Commissioners, Montreal, P.Q.
Dredge No. 6 138097 Montreal, P.Q.	550 550	1911 Steel Sorel. P.Q.	Dipper dredge	Montreal, P.Q. 24-4-17	5-5-17 24-4-18	Montreal harbour	Harbour Commissioners, Montreal, P.Q.
Dredge No. 102 134537 Ottawa, Ont.	115 104	1905 Wood Buckingham, P.Q.	Dipper dredge	Buckingham, Que. 21-8-17	Not issued	Lievre river	Minister of Public Works, Ottawa.
Dredge No. 103 134538 Ottawa, Ont.	104	1909 Wood Ottawa, Ont.	Dipper dredge	Ottawa, Ont. 12-5-17	Not issued	Ottawa river	Minister of Public Works, Ottawa.
Dredge No. 123 133934 Ottawa, Ont.	404	1912 Wood Ottawa, Ont.	Dipper dredge	Montreal P.Q. 15-5-17	Not issued		Minister of Public Works, Ottawa.

TABLE II—*Continued.*—TABLEAU II—*Suite.*

MONTREAL DIVISION—J. E. Lunan and J. T. Gardham, Inspectors.

DIVISION DE MONTREAL—J. E. Lunan et J. T. Gardham, inspecteurs.

Name of Vessel—Official No.—Port of Registry. — Noms de navires—Numéros officiels—Port d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Class of Vessel. — Catégories des navires.	Port and Date of Inspection. — Ports et dates d'inspection.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Where employed. — Localités où employés.	Name and Address of Owners. — Noms et adresses des propriétaires.
Derrick No. 1 138099 Montreal, P.Q.	197	1899 Wood Montreal, P.Q.	Floating derrick	Montreal, P.Q. 20-9-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal., P.Q.
Derrick No. 3 138100 Montreal, P.Q.	196	1900 Wood Montreal, P.Q.	Derrick	Montreal, P.Q. 20-4-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal
Derrick No. 4 138101 Montreal, P.Q.	197	1892 Wood Montreal, P.Q.	Derrick	Montreal, P.Q. 20-4-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal.
Derrick No. 5 138102 Montreal, P.Q.	195	1892 Wood Montreal, P.Q.	Derrick	Montreal, P.Q. 8-5-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal.
Derrick No. 6 138103 Montreal, P.Q.	169	1892 Wood Montreal, P.Q.	Derrick	Montreal, P.Q. 20-4-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal.
Derrick No. 7 138104 Montreal, P.Q.	288	1914 Wood Montreal, P.Q.	Derrick	Montreal, P.Q. 19-4-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal.
Derrick No. 8 134488 Montreal, P.Q.	282	1915 Wood Montreal, P.Q.	Derrick	Montreal, P.Q. 19-4-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal, P.Q.
Grain Elevator No. 15 130413 Montreal, P.Q.	205 125	1899 Steel Montreal, P.Q.	Grain elevator	Montreal, P.Q. 21-4-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal.
Grain Elevator No. 16 130414 Montreal, P.Q.	205 125	1899 Steel Montreal, P.Q.	Grain elevator	Montreal, P.Q. 21-4-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal.
Grain Elevator No. 17 130415 Montreal, P.Q.	210 129	1904 Steel Montreal, P.Q.	Grain elevator	Montreal, P.Q. 21-4-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal.
Grain Elevator No. 18 130416 Montreal, P.Q.	210 129	1904 Steel Montreal, P.Q.	Grain elevator	Montreal, P.Q. 21-4-17	Not issued	Montreal harbour	Harbour Commissioners, Montreal.

EASTERN ONTARIO DIVISION—T. P. Thompson, Inspector.

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DIVISION DE L'ONTARIO-EST—T. P. Thompson, inspecteur.

Alfred 111937 Lindsay, Ont.	89 61	1895 Wood Kirkfield, Ont.	Dipper dredge	Frankford, Ont 29-5-17	31-5-17 29-5-18	Trent Valley canal	Brown & Aylmer, Campbellford, Ont.
Fenelon 126728 Peterboro, Ont.	146 146	1903 Wood Peterboro, Ont.	Dipper dredge	Robertson island Ont 17-7-16	10-8-17 10-7-18	Trent canal	Minister of Railways and Canals, Ottawa.
Auburn 131181 Peterboro, Ont.	190 190	1912 Wood Peterboro, Ont.	Clamshell dredge	Yankee Bonnets 3-8-17	10-8-17 10-7-18	Trent canal	Minister of Railways and Canals. Ottawa, Ont.
F.A.R. No. 1 131188 Peterboro, Ont.	63 63	1914 Wood Glen Ross, Ont.	Dipper dredge	Heazel's island, Ont 8-9-17	14-9-17 5-7-18	Trent canal	Robertson & Maloney, Cornwall, Ont.
F.A.R. No. 2 131189 Peterboro, Ont.	15 15	1914 Wood Glen Ross, Ont.	Drill scow	Heazel's island, Ont 7-9-17	17-9-17 5-7-18	Trent canal	Robertson & Maloney, Cornwall, Ont.
Islander 121845 Toronto, Ont.	242 242	1905 Wood Toronto, Ont.	Clamshell dredge	Bradleys Bay, Ont 5-9-17	14-9-17 5-7-18	Trent canal	John E. Russell, Toronto, Ont.
Jack Canuck No. 3 126652 Midland, Ont.	174 113	1909 Wood Midland, Ont.	Dipper dredge	Healey's Falls 4-9-17	14-9-17 4-7-18	Trent canal	Jennings & Ross, Toronto, Ont.
Trenton 126125 Kingston, Ont.	288 251	1908 Wood Trenton, Ont.	Dipper dredge	Trenton, Ont 2-5-17	12-5-17 2-5-18	Bay of Quinte	R. Waddell, Trenton, Ont.

WESTERN ONTARIO DIVISION—John Dodds, G. M. Arnold and J. B. Stewart, Inspectors.

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DIVISION DE L'ONTARIO-OUEST—John Dodds, G. M. Arnold, et J. B. Stewart, inspecteurs.

Continental 134388 Sault Ste. Marie, Ont.	238 204	Wood Cleveland, Ohio	Dredge	Sault Ste. Marie, Ont 29-8-17	Not issued	St. Mary's river	Algoma Dredging Co., Sault Ste. Marie, Ont.

TABLE II—*Continued.*—TABLEAU II—*Suite.*

WESTERN ONTARIO DIVISION—John Dodds, G. M. Arnold and J. B. Stewart, Inspectors.

DIVISION DE L'ONTARIO-OUEST—John Dodds, G. M. Arnold et J. B. Stewart, inspecteurs.

Name of Vessel—Official No. Port of Registry. — Noms des navires— Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction. Nature de la coque.	Class of Vessel. — Catégories des navires.	Port and Date of Inspection. — Ports et dates d inspection.	Certificate: Issued— Expires. — Certificat: Délivrance— Expiration.	Where employed. — Localités où employés.	Name and Address of Owners. — Noms et adresses. des propriétaires.
Toronto Harb'r Com. D'dge No. 1. 107369 Toronto, Ont.	253 18	1896 Wood..... Toronto, Ont. 1910 Rebuilt. Toronto, Ont.	Suction dredge.....	Toronto, Ont..... 29-3-17	.....	Toronto bay.....	Toronto Harbour Commissioners, Toronto, Ont.
Dominion No. 4..... 122442 St. John, N.B.	538 538	1906 Wood..... Boston, Mass.	Dipper dredge.....	Port Weller, Ont..... 29-8-16	.....	Welland canal.....	Dominion Dredging Co., Ottawa, Ont.
Dragon Rouge..... 125976 Toronto, Ont.	231 209	1908 Wood..... Toronto, Ont.	Dipper dredge.....	Toronto, Ont..... 26-6-17	28-6-17 26-6-18	Toronto Harbour..	John E. Russell, Toronto.
Edwards Bros. No. 2..... 122439 Sault Ste. Marie, Ont.	237 237	1896 Wood..... Bay City, Mich.	Dredge.....	Sault Ste. Marie, Ont 28-8-17	1-9-17 28-8-17	St. Mary's river.....	Soo Dredging and Towing Co., S.S., Marie, Ont.
Excelsior..... 116846 Owen Sound, Ont..	471 372	1906 Steel..... Welland, Ont.	Dredge.....	Midland, Ont..... 25-5-17	28-5-17 25-5-18	Port Arthur, Ont..... Harbour.	Northern Dredge Co., Ltd, Owen Sound, Ont.
Goderich..... 122612 Goderich, Ont.	258 258	1911 Wood..... Goderich, Ont.	Dredge.....	Goderich, Ont..... 29-9-16	.....	Goderich harbour.....	Marlton & Norton, Goderich, Ont.
Dredge Hackett..... 107193 Saugeen, Ont.	95 50	1900 Wood..... Saugeen, Ont.	Dipper dredge.....	Sturgeon Bay, Ont..... 22-9-16	.....	Sturgeon Point and Penetang.	Penetang Dredging Co., Penetang, Ont.
Dredge No. 8..... 116384 Port Arthur, Ont.	415 415	1911 Wood..... Port Arthur.	Dipper dredge	Port Colborne, Ont..... 8-8-17	10-8-17 8-10-18	Port Maitland harbour..	Great Lakes Dredging Co., Port Arthur, Ont.
Dredge L. S. No. 3..... 126862 Sault Ste. Marie, Ont.	383 383	1896 Wood..... Duluth, Ont	Dredge.....	Sault Ste. Marie, Ont.... 26-8-17	4-9-17 28-8-18	Sault Ste. Marie, Ont...	S. L. Penhound, Sault Ste. Marie, Ont.
Dredge L. S. No. 8..... 130774 Sault Ste. Marie, Ont...	383 383	1896 Wood..... Duluth, Ont.	Dredge.....	Sault Ste. Marie, Ont... 24-10-17	3-11-17 24-10-18	St. Marys river.....	S. L. Penhound, Sault Ste. Marie, Ont.
Dredge L. S. No. 31..... 134177 Sault Ste. Marie, Ont....	377 377	1876 Wood..... Cleveland, Ohio.	Dredge.....	Sault Ste. Marie, Ont... 28-8-17	4-9-17 28-8-18	Sault Ste. Marie	S. L. Penhound, Sault Ste. Marie, Ont.
Dredge P. W. D. No. 109..... 131123 Ottawa, Ont.	766 766	1905 Wood..... Duluth, Ont.	Dredge.....	Collingwood, Ont..... 8-5-17	18-5-17 8-5-18	Georgian Bay.....	Master P. W., Ottawa.
Dredge P. W. D. No. 117..... 112186 Toronto, Ont.	670 570	Composite..... 1902 PolsonsToronto 1909 " "	Dipper dredge	Port Burwell, Ont.. ..	5-5-17	Port Burwell harbour .	Public Works Department, Ottawa.
Isabel.. ..... 112053 St. Catharines, Ont.	507 446	1903 Steel..... Welland, Ont.	Dipper dredge.....	Port Colborne, Ont..... 12-4-17	28-4-17 12-4-18	Port Stanley harbour..	M. J. Hogan, Port Colborne, Ont.

J. W. Henessey 137891 Toronto, Ont.	238 238	1909 Wood South Milwaukee, U.S.	Suction dredge	Hamilton, Ont. 6-11-16		Hamilton harbour	Ottawa Contractors, Ltd., Ottawa. Ottawa.
Leland 126653 Midland, Ont.	619 470	1911 Steel Welland, Ont.	Clamshell dredge	Port Robinson, Ont. 25-10-16		Welland canal	Canadian Dredging Co., Midland, Ont.
McLean No. 3 134380 S. Ste. Marie.	177 164	1913 Wood Sault Ste. Marie.	Dredge	Sault Ste. Marie, Ont 11-5 17	22-5-17 11-5-18	St. Marys river	A. B. McLean, Sault Ste. Marie,
Menesetung 122614 Goderich, Ont.	205 205	1913 Wood Goderich, Ont.	Dredge	Goderich, Ont. 29-9-16		Goderich harbour	W. Martin and W. L. Norton, Goderich, Ont.
Monarch 116668 Midland, Ont.	473 371	1906 Steel Welland, Ont.	Dipper dredge	Port Robinson, Ont. 24-10-16		Welland canal	Canadian Dredging Co., Midland, Ont.
Primrose 134269 Midland, Ont.	407 149	1915 Steel Welland, Ont.	Suction dredge	Port Robinson, Ont. 2-5-16		Welland canal	Canadian Dredging Co., Midland Ont.
The Sydenham 126052 Owen Sound, Ont.	445 348	1908 Steel Welland, Ont.	Dipper dredge	Port Robinson, Ont. 23-10-16		Welland canal	Canadian Dredging Co., Midland, Ont.
Peltier 126192 Windsor, Ont.	300 257	1906 Wood Sandwich, Ont.	Dipper dredge	Port Dalhousie 2-5-16		Hamilton harbour	The Windsor Dredging Co., Windsor, Ont.
Shuniah 126671 Port Arthur, Ont.	759 602	1910 Steel Toronto, Ont.	Suction dredge	Welland, Ont. 9-8-17	15-8-17 9-8-18	Port Maitland	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
Simcoe 116269 Toronto, Ont.	214 136	1901 Wood Beaverton, Ont.	Dipper dredge	Washago, Ont. 10-10-16	Not issued	Trent canal Washago division.	Randolph McDonald Co., Toronto, Ont.
Tillie Battle 130286 St. Catharines, Ont.	76 51	1914 Wood Thorold, Ont.	Sand sucker	Thorold, Ont. 12-5-16		Port Maitland and Thorold	The Canadian Sand & Gravel Co., Ltd., Thorold, Ont.

TABLE II—*Continued.*—TABLEAU II—*Suite.*

PORT ARTHUR DIVISION—W. J. Vigars, Inspector.

DIVISION DE PORT-ARTHUR—W. J. Vigars, inspecteur.

Name of Vessel—Official No. Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction. Nature de la coque.	Class of Vessel. — Catégories des navires.	Port and Date of Inspection. — Ports et dates d'inspection.	Certificate: Issued— Expires. — Certificat: Délivrance— Expiration.	Localities Where employed. — Localités où employés.	Name and Address of Owners. — Noms et adresses des propriétaires.
Dominion 116383 Port Arthur, Ont.	595	1906 Wood Port Arthur, Ont.	Dredge	Fort William, Ont. 9-5-17	10-5-17 9-5-18	Kaministiquia river	Great Lakes Dredging Co., Port Arthur.
Empire 116571 Port Arthur, Ont.	413	1902 Wood Fort William, Ont.	Derrick scow	Port Arthur 25-6-17	39-6-17 25-6-18	Lake Superior	Canadian Towing & Wrecking Co., Port Arthur, Ont.
Province 130808 Port Arthur, Ont.	580 580	1911 Wood Port Arthur.	Derrick Scow.	Fort William, Ont. 21-7-17	31-7-17 21-7-17	Lake Superior, ClassIV	Canadian Towing & Wrecking Co., Port Arthur, Ont.
Robert L. Fryer 134019 Port Arthur, Ont.	2,033 1,158	1888 Wood West Bay City, Mich.	Grain transfer	Port Arthur, Ont. 7-5-17	Not issued.	Fort William and Port Arthur,	J. L. Davidson, Vancouver, B.C.
No. 201 Winnipeg.	442 279	1909 Wood Selkirk.	Suction dredge.	Selkirk 17-5-17	28-5-17 17-5-17	Red river	Public Works Department, Ottawa.
No. 202 Winnipeg.	233 233	1911 Wood Selkirk.	Dipper Dredge	Selkirk 19-5-17	28-5-17 19-5-18	Red river	Public Works Department, Ottawa.
No. 204 Winnipeg.	233 233	1911 Wood Selkirk.	Dipper dredge	Selkirk 19-5-17	28-5-17 19-5-17	Red river	Public Works Department, Ottawa.
No. 205 Winnipeg.	245 245	1910 Wood Selkirk.	Dipper dredge	Selkirk 17-5-17	28-5-17 19-5-17	Red river	Public Works Department, Ottawa.
Dredge No. 6 112010 Port Arthur, Ont.	209	1891 Wood Duluth, Minn.	Dredge	Fort William 3-5-17	10-5-17 3-5-18	Kaministkwia river	Great Lakes Dredging Co., Port Arthur.

BRITISH COLUMBIA, VANCOUVER DIVISION—H. G. Robinson and A. E. Hopper, Inspectors.

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COLOMBIE ANGLAISE, DIVISION DE VANCOUVER—H. G. Robinson at A. E. Hopper, inspecteurs.

Barnston 126791 New Westminster, B.C.	52 52	1910 Wood New Westminster, B.C.	Dredge	New Westminster, B.C. 28-5-17	29-5-17 27-5-18	Fraser river	Richmond, B.C. Corporation.
Coquitlam City 134081 New Westminster, B.C.	933 922	1914 Port Coquitlam.	Barge	Vancouver, B.C. 15-11-17	15-11-17 14-11-18	Vancouver and Anyox	Coquitlam Ship & Marine Railway New Westminster, B.C.
Mastodon 129529 Vancouver, B.C.	748 435	1910 Steel Renfrew, Scot.	Dredge	Vancouver, B.C. 22-2-18	23-2-18 8-2-19	Vancouver harbour	Minister of Public Works, Ottawa.
Melanope 74550 Vancouver, B.C.	1,624 1,561	1876 Steel Liverpool, G.B.	Coal barge	Vancouver, B.C. 18-3-18	26-3-18 17-3-19	Vancouver & Ladysmith.	C. P. Railway, Montreal, P.Q.
Pacific Coast Cable Co. No. 1 134069. Vancouver, B.C.	137 137	1909 Wood New Westminster, B.C.	Cable barge	Vancouver, B.C. 10-5-17	11-5-17 9-5-18	Vancouver harbour	British Columbia Telephone Co., Ltd., Vancouver, B.C.
P. S. B. and B. C. Dredge No. 1 131038 Vancouver, B.C.	484 484	Wood Seattle, U.S.A.	Dredge	Vancouver, B.C. 3-7-17	9-7-17 24-6-18	Vancouver harbour	West Coast Bridge & Dredging Co., Vancouver, B.C.
P. W. D. Dredge No. 303 (Not registered.)		1907 Steel Dantzic.	Suction dredge	Vancouver 13-12-17	Not issued	Fraser river Sand Heads	Public Works Dept., Ottawa.
Robson 130874 Vancouver, B.C.	464 464	1901 Wood Portland, Me.	Dredge	Vancouver, B.C. 2-1-17	3-1-17 12-12-17	Harbour dredging	Pacific Dredging Co., Ltd., Vancouver.
Transfer No. 1 107143 Vancouver, B.C.	772 772	1898 Wood Vancouver, B.C.	Tow barge	Vancouver, B.C. 17-8-17	18-8-17 16-8-18	Vancouver and Ladysmith.	Canadian Pacific Railway Co., Vancouver, B.C.
Transfer No. 4 134031 Victoria, B.C.	1,042 895	1913 Steel Esquimalt, B.C.	Car ferry	Vancouver, B.C. 21-2-18	22-2-18 1-2-19	Vancouver & Nanoose bay.	Can. Pac. Railway Co., Montreal, P.Q.
C.P.R. No. 100 134348 Montreal, P.Q.	1,383 1,273	1868 Wood Farmingdale, Me.	Barge	Vancouver, B.C. 19-4-17	23-4-17 18-4-18	Vancouver and Ladysmith.	Can. Pac. Ry. Co., Montreal, P.Q.
P.D.C. No. 3 130863 New Westminster.	119 119	1908 Wood New Westminster, B.C.	Dredge	Chilliwack, B.C. 25-9-17	26-9-17 24-9-18	Fraser river	J. W. Pike, New Westminster, B.C.
P.D. Co. No. 4 (Ex Tacoma) 138170 Vancouver, B.C.	515 515	1904 Wood Seattle, Wash.	Dredge	Vancouver, B.C. 18-7-17	20-7-17 5-7-18	Vancouver harbour	Stuart Cameron, Vancouver, B.C.
Sidney No. 2 126179 New Westminster.	378 378	1908 Wood Seattle, Wash.	Tow barge	New Westminster 29-10-17	31-10-17 28-10-18	New Westminster and Sidney, Vancouver Isd.	Vancouver, Victoria & Eastern Ry. & Nav. Co., Vancouver, B.C.
Sidney No. 3 138128 New Westminster.	656 652	1913 Wood Seattle, Wash.	Car ferry	New Westminster, B.C. 9-10-17	10-10-17 27-9-18	New Westminster and Sidney, Vancouver Isd.	Vancouver, Victoria & Eastern Railway & Nav. Co., Vancouver, B.C.
Skookum I 122523 Vancouver, B.C.	129 88	1904 Wood Vancouver, B.C.	Dredge	Vancouver, B.C. 16-4-17	23-4-17 1-4-18	Vancouver harbour Class IV.	Vancouver Dredging & Salvage Co. Vancouver, B.C.

TABLE II—VANCOUVER DIVISION.—*Concluded.*

BRITISH COLUMBIA, VANCOUVER DIVISION—H. G. Robinson and A. E. Hopper, Inspectors.

COLOMBIE ANGLAISE, DIVISION DE VANCOUVER—H. G. Robinson, et A. E. Hopper, inspecteurs.

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Port d'enregistrement.	Tonnage.	Where and When Built—Material. — Année et lieu de construction—Nature de la coque.	Class of Vessel. — Catégories des navires.	Port and Date of Inspection. — Ports et dates d'inspection.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Where employed. — Localités où employés.	Name and Address of Owners. — Noms et adresses des propriétaires.
Skookum No. 2 131030 Vancouver, B.C.	217 148	1912 Wood Vancouver, B.C.	Dredge	Vancouver, B.C. 8-8-17	18-8-17 7-8-18	Vancouver Harbour	Vancouver Dredging & Salvage Co., Vancouver, B.C.
Transfer No. 2 122381 Victoria, B.C.	1,090 973	1907 Wood Victoria, B.C.	Car ferry	Vancouver, B.C. 27-3-18	27-3-18 26-2-19	Vancouver & Nanoose Bay.	Can. Pac. Railway Co., Montreal, P.Q.
Transfer No. 3 130606 Victoria, B.C	977 927	1911 Steel Esquimalt, B.C.	Car ferry	Vancouver, B.C. 19-2-18	20-2-18 4-1-19	Vancouver & Nanoose Bay. Class IV.	Canadian Pacific Railway, Montreal.

BRITISH COLUMBIA, VICTORIA DIVISION—W. J. Cullum and B. Mantrop, Inspectors.

COLOMBIE-ANGLAISE, DIVISION DE VICTORIA—W. J. Cullum et B. Mantrop, inspecteurs.

Mudlark 100361 Victoria, B.C.	203 138	1890 Wood Victoria, B.C.	Dipper dredge	Victoria, B.C. 24-1-18	24-1-18 23-1-19	Harbour	Public Works Dept., Ottawa, Ont.
W. D. Dredge No. 301 130896 Victoria, B.C.	738 538	1908 Steel New Westminster.	Dipper dredge	Victoria, B.C. 25-10-17	26-10-17 24-10-18	Harbour	Public Works Dept., Ottawa.
Lobnitz Rock Breaker No. 2 137960 Vancouver, B.C.	634 512	Steel 1913 Renfrew, G.B. 1914 Vancouver.	Rock breaker	Victoria, B.C. 6-6-17	12-6-17 6-6-18		Public Works Department, Ottawa.

PRINCE RUPERT DIVISION—A. Farrow, Inspector.

DIVISION DE PRINCE-RUPERT—A. Farrow, Inspecteur.

C. F. & C. S No. 2			Dredge	Prince Rupert, B.C. 21-12-17	Not issued		Canadian Fish & Cold Storage Co., Prince Rupert, B.C.
John C. Potter 133889 Vancouver, B.C.	1,244 1,145	1869 Wood Scursport, U.S.A.	Barge	Anyox, B.C. 15-3-18	22-3-18 14-3-19	B. C. Coast	Granby Consolidated M. S. & P. Co. Grand Forks.

Table III.—Passenger Barges (towed) inspected during the Fiscal Year ended March 31, 1918,

Tableau III.—Barges (en remorque) pour passagers, inspectées durant l'année fiscale terminée le 31 mars 1918.

Name of Vessel—Official No.—Port of Registry. — Noms des navires—Numéros officiels—Ports d'enregistrement.	Tonnage.	Where and when Built—Material. — Année et lieu de construction Nature de la coque.	Port and Date of Inspection. — Ports et dates d'inspection.	Pass. — Pass.	Certificate: Issued—Expires. — Certificat: Délivrance—Expiration.	Route.	Name and Address of Owners. — Noms et adresses des propriétaires.
A. M. XVIII	56	1915 Wood	Eburn, B.C.	Freight	31-7-17	Fraser River at Ebne.	Armstrong and Morrison, Vancouver, B.C.
138533 Vancouver, B.C.	56	Vancouver, B.C.	27-7-17	924	30-9-17		
Chiblow	79	1903 Wood	Blind River, Ont.	25	27-7-17	Blind River	Blind River Transportation Co., Blind River, Ont.
121842 Toronto, Ont.	79	Blind River, Ont.	17-9-16		27-7-18		
G.T.D.	343	1890 Wood	Quebec, P.Q.	40	6-6-17	Montreal and gulf	The Quebec Salvage & Wrecking Co., Montreal, P.Q.
97096	285	Bridgewater, N.S.	11-5-16		6-6-18		
Rainbow No. 2	61	1915 Wood	Nanaimo, B.C.	290	9-3-18	Nanaimo harbour	Western Trans. Co., Ltd., Nanaimo, B.C.
134633 Victoria, B.C.	61	N. Vancouver, B.C.	9-3-17		8-3-19		
Vivian C		1913 Wood	Fredericton, N.B.		5-6-17	Oromocto to Fredericton	Martin Currier, Oromoeto, N.B.
(Not registered.)		Oromocto, N.B.	9-10-16		4-6-18		

TABLE IV.—Vessels not Inspected during the Fiscal Year ended March 31, 1918.

TABLEAU IV.—Navires non-inspectés durant l'exercice financier terminé le 21 mars 1918.

Name of Vessel. — Noms des navires.	Tonnage. — Gross- Brut.	Class of Vessel. — Catégories des navires.	District.	Reason for Non-Inspection — Motif de la non-inspection.
A. Chambers	23	Scr. Fish. Tug	Toronto	No application.
A. D.Cross	47	Scr. Tug	Toronto	Not running.
Aberdeen	554·04	Stn. Whl. Frt. and Pass.	Victoria	Laid up.
Acadia	74·21	Scr. Tug	St. John	Laid up.
Active	174·74	Scr. Tug	Vancouver	Inspected since March 31, 1918.
Actress	12	Scr. Tug	Port Arthur	Not running.
Adam Hall	144·61	Tw. Scr. Tug	Victoria	Laid up.
Adjii	17	Scr. Yacht	Toronto	No application.
Agnes P.	32	Scr. Tug	Montreal	No application.
Agwinde	307	Pd. Pass.	Port Arthur.	Not running.
Alace	67	Scr. Tug	Toronto	Not running.
Allan Sewell	11·59	Scr. Tug	St. John	Laid up.
Albatross	18·55	Scr. Customs. Service	St. John	Laid up.
Alice Maud	45	Scr. Tug. Hbr	Halifax	Laid up.
Alexandra	417	Pd. Tug	Montreal	Not in commission.
Aletha	171	Scr. Pass.	Kingston	No application
Allans No. 1	280	Steam Derrick	Montreal	No application.
Albert C.	17	Scr. Tug	Montreal	No application.
Algoma	69	Scr. Tug	Port Arthur	Not in commission.
Alert	28	Scr. Tug	Port Arthur	Not running.
Alporto	24	Scr. Frt	Toronto	No application.
Alva B.	53	Scr. Fish. Tug	Toronto	Not running.
Amable Dufond	17	Pd.l Tug	Montreal	Not in commission.
Anchora	6	Scr. Yacht	Toronto	Not running.
Andover	176·5	Stn. Whl. Frt. and Pass.	Victoria	Laid up.
Andy	13·03	Tw. Scr. Frt. and Pass.	Victoria	Laid up.
Anamoose	68·07	Scr. Tug	Victoria	Laid up.
Animay	15	Scr. Tug	Toronto	Not running. —
Annie Barrett	42	Scr. Tug	Montreal	No application.
Annie Currier	10·56	Scr. Tug	St. John	Laid up.
Anita	27	Sc. Fishing Coasting	Halifax	Inspection not applied for.
Arabian	73	Scr. Frt	Kingston	No application
Argo	20	Scr. Tug	Port Arthur	Broken up.
Arrah Wanna	21	Scr. Tug	Kingston	Not in commission.
Andrey C.	87	Scr. Tug	Toronto	No application.
Beaver	514	Dredge	St. John	Laid up.
Beaver	29	Scr. Tug	Toronto	No application.
Beaumont	58	Scr. Tug	Toronto	Not running.
Bedeque	50·15	Scr. Ferry	St. John	Out of district.
Bella Donna	57	Scr. Pass.	Toronto	Not running.
Belle of Temagami	169	Scr. Pass.	Kingston	Not in commission. No application.
Belle of Temagami	169	Scr. Pass.	Montreal	Not in commission.
Belleville	1,233·30		Quebec	No application.
Bella Vista	8	Scr. Tug	Toronto	No application
Bermuda	72·03	Scr. Tug	Vancouver	Not in commission.
Bertha May	20	Scr. Tug	Toronto	No application.
Bethalma	113	Scr. Yacht	Toronto	Not running.
Bickendike	1.515	Scr. Frt	Kingston	No application.
Blanche		Scr. Tug	Montreal	Not in commission.
Black For	10·36	Tw. Scr. Pass. Gas	Edmonton	Inspection not applied for. Laid up.
Blue Bell	12	Scr. Yacht	Kingston	Not in commission.
Bobs	38	Scr. Pass. Frt	Montreal	Not in commission.
Bonnitoba	138	Pd. Pass.	Port Arthur	Not running.
Borrioboola Cha	96	Scr. Tug	St. John	Laid up.
Boucherville	419	Pd. Pass	Montreal	Changed district.
Bradbury	476	Tw. Scr. Fish. Pat	Port Arthur	No application.
Brant	49	Scr. Tug	Toronto	Not running.
Brockville	191	Scr. Pass.	Kingston	No application.
Brunette	37·03	Scr. Tug	Vancouver	No application.
Brunswick	1,184	Scr. Frt	St. John	Inspected elsewhere.
Brusier	507·69	Dredge	St. Johh	Laid up.
Byron Whitaker Now Marian W)	1,538·97	Scr. Frt	Quebec	No application.
C. M. Winch	88	Scr.	St. John	Registered in Nd.
C. R. Lamb	191·98	Stn. Whl. Frt. and Pass.	Victoria	Laid up.
C. S. Parnell	16·90	Scr. Tug	Quebec	Not in commission.
Canada	411	Tw. Scr.	Halifax	Naval Service.
Caldreco	236	Dredge	Halifax	Laid up.
Callcreeks Pride	20·69	Scr. Tug	Vancouver	No application.
Calypso	15	Scr. Pass.	Kingston	No application.
Calumet Island	18	Stn. Ferry Whl	Montreal	No application.
Canso	225	Scr. Tug Coasting	Halifax	Out of district.
Cara	24	Scr. Yacht	Toronto	No application.
Caraboo	29	Tw. Scr. Frt. Pass.	Edmonton	Inspection not applied for. Laid up.

TABLE IV—*Continued.*—TABLEAU IV—*Suite.*

Name of Vessel. Noms des navires.	Tonnage. Gross-Brut	Class of Vessel. Catégories des navires.	District.	Reason for Non-Inspection. Motif de la non-inspection.
Cascapedia	1,849	Scr. Pass	Quebec	Out of district.
Caspian	957	Pd. Pass	Kingston	Not in commission.
Cecilia S	71	Scr. Pass	Kingston	No application.
Chas. Armstrong	49	Scr. Tug	Toronto	Not running.
Charles Boona	529	Dredge	Toronto	Not running.
Charley M. Scott	17	Scr. Tug	St. John	Laid up.
Chas. H. Shaw	1,489	Car Ferry	Quebec	No application.
Chester	80	Scr. Tug	Halifax	Inspection not applied for.
Chicora	930	Pd. Pass	Toronto	Not running.
Chummy	28	Scr. Tug	Montreal	Not in commission.
City of St. Boniface	314	Pd. Tug	Port Arthur	Not running.
City of Chatham	362	Scr. Pass	Toronto	Not running.
City of Dresden	.....	Scr. Frt	Toronto	No application. Register not completed.
City of London	555·77	Scr. Frt	Quebec	Not in commission.
Clarg	88	Scr. Lighter	St. John	Laid up.
Cleopatra	104	Scr. Yacht	Toronto	Not running.
Clipper	53	Scr. Tug	Port Arthur	No application.
Clymene	10	Scr. Yacht	St. John	Laid up.
Collector	52	Scr. Lighter	Halifax	Inspection not applied for.
Colonial	47	Scr. Tug. Pass	Montreal	Not in commission.
Comet	20	Scr. Tug	Toronto	Not running.
Commodore Holliwell	10	Scr. Tug	Quebec	Not in commission.
Compton	1,530 28	Scr. Frt	Quebec	No application.
Concrete Mixer No. 1	308	.....	Montreal	Not in commission.
Constance	52	Scr. Frt	Toronto	No application.
Contrecoeur	173	Twn. Scr. Tug	Sorel	No application.
Cora	23	Scr. Tug	Kingston	Not in commission.
Corinne	23	Scr. Tug	Sorel	Laid up. No application.
Corunna	1,269	Scr. Pass	St. John	Certificate not applied for.
Copoming	18	Scr. Tug	Toronto	Not running.
Courier	13	Scr. Tug	Montreal	Not in commission.
Crescent	41	Scr. Yacht	Montreal	Not in commission.
Crester	19·37	Scr. Pass. Tug	Edmonton	Inspection not applied for. Laid up.
Cyclone	1,207	Dredge	Toronto	Inspected since March 31.
Cynthia W	676·79	Scr. Dredge	St. John	Inspected elsewhere.
D.G. No. 3	181·65	Dredge	Vancouver	Not in commission.
Dredge No. 1	153	Scr. Dredge	Halifax	Inspection not applied for.
Dredge No. 2	164	Dredge	Halifax	Inspection not applied for.
Dredge No. 2	.....	Dipper Dredge	Montreal	Not in commission.
Dredge No. 15	327	Dipper Dredge	Port Arthur	Not running.
Dredge No. 8	415	Dipper Dredge	Port Arthur	Not running.
Dredge No. 1	176	Dipper Dredge	Port Arthur	Not running.
Dredge No. 210	109	Dipper Dredge	Port Arthur	Not running.
Dredge No. 203	123	Dipper Dredge	Port Arthur	Not running.
Dredge No. 118	.....	Dipper Derdge	Montreal	Not in commission.
Dredge No. 110	458	Dipper Dredge	Montreal	Changed district.
Dredge No. 121	115	Dipper Dredge	Montreal	Not in commission.
Dredge No. 106	100	Dipper Dredge	Montreal	Changed district.
Dredge No. 119	.....	Dipper Dredge	Montreal	Not in commission.
Dredge No. 112	.....	Dipper Dredge	Montreal	Not in commission.
Dredge No. 8	151	Dredge	Toronto	No application.
Dredge No. 10	434	Dredge	Toronto	Not running.
Dredge No. 5	234	Dredge	Toronto	Not running.
Dredge Deschenes	.....	Dipper Dredge	Montreal	No application.
Dredge Ella M	420	Dipper Dredge	Montreal	No application.
Dredge Frank	185	Dipper Dredge	Port Arthur	Not running.
Dredge Hackett	96	Scr. Dredge	Toronto	Not running.
Dredge Julia Murphy	108	Dredge	Toronto	Not running.
Dredge Moose	233	Dipper Dredge	Port Arthur	Not running.
Dredge Ottawa	220	Dipper Dredge	Montreal	No application.
Dredge St. Pierre	180	Dipper Dredge	Montreal	No application.
Dredge Tay	.....	Dipper Dredge	Montreal	No application.
Dredge Wingfield	191	Dredge	Toronto	Not running.
Daisy	15	Scr. Tug	Montreal	Not in commission.
Daisy	58	Scr. Tug	Port Arthur	Not running.
Daisy Moor	38	Scr. Tug	Port Arthur	Not running.
Dandy	77	Scr. Tug	Montreal	Changed district.
Dauntless	23	Scr. Fish. Tug	Toronto	Not running.
Davis-McNab	54	Scr. Bass. Gas	Halifax	Laid up.
Deiver	396	Dredge	Toronto	Not running.
Denisa	38	Scr. Tug	Quebec	No application.
Denise S	54	Scr. Tug	Montreal	No application.
Derrick No. 2	.....	Steam Derrick	Montreal	Not in commission.
Dickson	16	Pd. Alligator	Kingston	Not in commission.
Distributor	617·42	Str. Whl. Frt. and Pass	Victoria	Laid up.
Dolphin	70	Scr. Tug	Montreal	Not in commission.
Dominion No. 4	538	Dredge	Toronto	Not running.
Don	11·85	Scr. Yacht	Victoria	No application.
Donnelly	319 –	Pd. Tug	Kingston	Not in commission.

TABLE IV—*Continued.*—TABLEAU IV—*Suite.*

Name of Vessel. Noms des navires.	Tonnage. Gross-Brut	Class of Vessel. Catégories des navires.	District.	Reason for Non-Inspection. Motif de la non-inspection.
Don Federico	481	Scr. Dredge	St. John	Laid up.
Dora	48	Scr. Tug	Montreal	Not in commission.
Dora M	24·02	Scr. Tug	St. John	Laid up.
Dorothe	8	Scr. Tug	Toronto	No application.
Dorothy Symons	10·32	Scr. Tug	Victoria	Laid up.
Drill Boat Burrard	426·26	Rock Drill	Vancouver	Not in commission.
E. A. Shores	593	Scr. Frt	Toronto	Not running.
Ed. Conroy	11	Scr. Tug	Toronto	No application.
E. E. Frost	13	Scr. Tug	Kingston	Not in commission.
Eagele	12	Scr. Tug	Port Arthur	Not running.
Edith	22	Scr. Tug	St. John	Laid up.
Edith Ann	11	Scr. Yacht	Toronto	No application.
Edward Blake	22	Scr. Tug	Toronto	Not running.
Elaine	272·08	Scr. Pass	St. John	Inspected elsewhere.
Ella C.	10	Scr. Fish. Boat	Kingston	Not in commission.
Ella	15	Scr. Tug	Toronto	Not running.
Elgin L. Lewis	50	Scr. Pass	Kingston	No application. Not in commission.
Ella May	41	Scr. Yacht	Toronto	Not running.
Elsie Bell	33	Scr. Tug	Port Arthur	Not running.
Elsie M	28	Scr. Tug	Toronto	No application.
Elsie Mac	55	Scr. Tug	Toronto	No application.
Ellwood	7·04	Scr. Yacht	Victoria	Laid up.
Elymer	12·47	Scr. Frt. and Pass. Gas	Edmonton	Inspection not applied for. Laid up.
Emma Mac	57	Scr. Pass	Kingston	No application. Not in commission.
Empress	129	Tw. Scr. Tug	Port Arthur	Not running.
Enterprise	210	Scr. Pass	St. John	Out of district.
Equal Rights	14	Scr. Tug	Toronto	Not running.
Ernest		Scr. Tug	Montreal	Not in commission.
Espanola	7	Scr. Tug.	Toronto	Not running.
Ehtel	13	Scr. Tug.	Toronto	Not running.
Ehtel Banning	38	Scr. Tug	Port Arthur	Not in commission.
Eva,	18	Scr. Tug	St. John	Laid up.
Evangeline	13·86	Scr. Tug.	Vancouver	Inspected since March 31, 1918.
Evelyn	14	Tug Coasting	Halifax	Inspection not applied for.
F. W. Avery	14	Pdl. Warp Tug	Montreal	Not in commission.
Fairfax	1,365	Scr. Frt	Kingston	No application.
Fallon Bros. No. 5	271	Dredge	Kingston	Not in commission.
Fallons Dredge No. 3	108	Dredge	Kingston	Not in commission.
Falmouth	43	Scr. Tug.	St. John	Laid up.
Fashion	43	Scr. Tug	Montreal	Not in commission.
Fenelon Falls Gull	Not regd.	Pd. all. Tug	Kingston	Not in commission.
Ferdinand	76·39	Scr. Pass. and Frt	Quebec	Not in commission.
Fisherman	44	Scr. Tug.	Port Arthur	Not running.
Five Roses	43	Scr. Tug	Port Arthur	No application.
Florence	18	Scr. Pass. Frt	Montreal	Not in commission.
Florence	7	Scr. Fish. Tug	Kingston	Not in commission.
Florence Carlin	143·15	Str. Whl. Tug	Victoria	Laid up.
Foam	15·51	Scr. Tug.	Quebec	Not in commission.
Forest B	88	Scr. Tug	Port Arthur	Not in commission.
Fraces W	43	Scr. Tug	Toronto	Not running.
Frank L	46	Scr. Fish. Tug	Toronto	No application.
Frank Warren	29	Drill Boat	Kingston	Not in commission.
Fred M. Batt	59·9	Scr. Tug	St. John	Laid up.
Frontier	700	Pdl. Pass	Toronto	Not running.
Fundy	732	Dredge	Toronto	Not running.
G. H. Johnston	56	Dipper Dredge	Montreal	Not in commission.
G. P. McIntosh	58	Scr. Tug	Port Arthur	Not in commission.
G. S. Mayes	109·59	Scr. Tug	St. John	Out of district.
G. Whiz	55	Tw. Scr. Pass	Toronto	Not running.
Galatea	46	Scr. Tug	Port Arthur	No application.
Galiano	393	Scr	Victoria	Naval Service. No application.
Garden City	637	Pdl. Pass	Toronto	Not running.
Gaudiose	5	Scr. Tug	Quebec	No application.
Gem	34	Scr. Pass	Toronto	No application.
General Meade	244	Dredge	Toronto	Not running.
George A. McLaurin	17	Scr. Tug	Port Arthur	Not in commission.
George E. Young	12	Scr. Tug	Port Arthur	No application.
Geraldine	65	Scr. Tug	Toronto	No application.
Gipsy	35	Scr. Pass	Kingston	No application.
Glad Tidings	10	Scr. Tug	Toronto	No application.
Glen Isle	142	Scr. Sand Barge	Montreal	Not in commission.
Glimpse	9	Scr. Pass	Toronto	No application.
Goderich	259	Dredge	Toronto	Not running.
Goliah	147	Scr. Tug	Halifax	Inspection not applied fc
Gooding	10	Pdl. Warp Tug	Montreal	Not in commission.
Gordon S	16	Scr. Tug	Toronto	No application.

TABLE IV—*Continued.*—TABLEAU IV—*Suite.*

Name of Vessel. Noms des navires.	Tonnage. Gross-Brut	Class of Vessel. Catégories des navires.	District.	Reason for Non-Inspection. Motif de la non-inspection.
Grain Elevator No. 9	170	Fltg. Elev	Montreal	Not in commission.
Grain Elevator No. 14	190	Fltg. Elevator	Montreal	Not in commission.
Grace	6·06	Ser. Frt. and Pass. (Gas)	Edmonton	Inspection not applied for. Laid up.
Granet Rock	214	Ser. Tug	Port Arthur	Not running.
Gray Loggie	99·2	Ser. Dredge	St. John	Laid up.
Grebe	9	Ser. Tug	Port Arthur	No application.
Grenfell	78	Ser. Tug	Port Arthur	Not running.
Greenwood	22·95	Ser. Tug	Vancouver	To be inspected later.
Grosbeak	14	Ser. Tug	Toronto	No application.
Gulnare	262	Ser	Halifax	Inspection not applied for. Naval Service.
H. B. Phillips	66	Ser. Tug	Toronto	Not running.
Haddington	1,603·25	Ser. Frt	Kingston	No application.
Haha	38·25		Quebec	No application.
Halcro	8	Ser. Yacht	Toronto	No application.
Halcro II	11	Ser. Yacht	Toronto	No application.
Hamiltonian	2,346·54	Ser. Frt	Quebec	No application.
Harvey	7	Ser. Tug	Toronto	No application.
Harry E. Packer	1,183	Ser. Tug.	St. John	Out of district.
Harry A	11	Ser. Tug	Toronto	No application.
Hattie Bell	8	Ser. Tug	Kingston	Not in commission.
Hayward	121·77	Dredge	St. John	Laid up.
Hazel G	10·3	Ser. Tug	St. John	Laid up.
Hazard	34	Ser. Tug	Toronto	Not running.
Hazel Graham	15	Ser. Tug	Montreal	Not in commission.
Helen R	11	Ser. Frt	Montreal	Not in commission.
Helen S	13	Ser. Tug	Port Arthur	Not running.
Helena	10	Ser. Yacht	Toronto	No application.
Henri R	15	Ser. Tug	Sorel	No application.
Hepburn	15	Ser. Yacht	Toronto	No application.
Herbert M	44	Ser. Tug	Toronto	No application.
Herman Witt	17	Ser. Tug	Port Arthur	No application.
Hiawatha	27	Ser. Tug	Toronto	No application.
Highland Belle	50	Ser. Pass	Kingston	No application. Not in commission.
Highland Mary	74	Ser. Lighter	Halifax	Inspection not applied for.
Hope	21·66	Ser. Tug	Quebec	Not in commission.
Horton	66	Ser. Tug	Toronto	Not running.
Idler	51	Str. Whl. Tug	Montreal	Not in commission.
Hand	30	Ser. Tug	Port Arthur	Not running.
Ilderin	18	Ser. Yacht	Toronto	Not running.
Hsway	14	Ser. Yacht	Montreal	Not in commission.
Ina	27	Ser. Tug	Toronto	No application.
Invader	280·7	Dredge	St. John	Laid up.
Iona	21	Ser. Yacht	Toronto	No application.
Iota	6	Ser. Tug	Toronto	Not running.
Iris	37·7	Ser. Tug	Vancouver	No application.
Iroquois	286	Dredge	St. John	Laid up.
Iroquois	307	Ser. Pass	Collingwood	Not running.
Islander	54·44	Ser. Tug	St. John	Laid up.
Isabelle	,0	Ser. Tug	Port Arthur	No application.
Island Lassie	7	Ser. Yacht	Kingston	Not in commission.
Islay	175	Ser. Pass	Toronto	Not running.
Ivan R	66	Tw. Ser. Tug	Toronto	Not running.
J. Russell Smith		Pdl. Tug	Montreal	Not in commission.
J. B. Hamil	169	Dredge	Kingston	Not in commission.
J. C. Stewart	113	Ser. Pass	Toronto	Gone to U.S. ports.
J. F. Booth	90	Pdl. Pass	Kingston	No application.
J. G. Witherbee	165	Ser. Tug	Montreal	Changed district.
J. G. Cox	9·53	Ser. Frt. and Pass	Victoria	Laid up.
J. H. Montgomery	76	Ser. Tug	Port Arthur	No application.
J. O. Gravel	197·24	Ser. Pass	St. John	Out of district.
J. W. Ward	64	Ser. Tug	Port Arthur	Not in commission.
Jack Canuck	173	Dredge	Toronto	Not running.
Jacobsen	507	Ser. Frt. Coasting	Halifax	Out of district.
Janne d'Arc	104	St. Ferry	Sorel	Laid up.
Jasmine	298	Ser. Pass	Toronto	Not running.
Jeanne d'Arc	105	Ser. Ferry	Montreal	Changed district.
Jeanne Alice	60	Ser. Frt	Montreal	No application.
Jean Jacques II	329	Ser. Pass	Quebec	Not in commission.
Jennett B	20	Ser. Tug	Port Arthur	Not running.
Jessie M	14	Ser. Tug	Toronto	Not running.
John Duncan	1,517	Ser. Frt	Kingston	No application. Name changed.
John Fraser	6	Ser. Yacht	Toronto	Not running.
John L. Card	141·08	Tw. Ser. Frt	Victoria	Laid up.
Joe Dudley	52	Ser. Tug	Toronto	Not running.
Jolly IV	10	Ser. Tug	Toronto	Not running.
Kaleden	180·14	Str. Whl. Frt. and Pass	Victoria	Laid up.
Kate	23	Ser. Yacht	Kingston	Not in commission.

TABLE IV—*Continued.*—TABLEAU IV—*Suite.*

Name of Vessel. — Noms des navires.	Tonnage. Gross-Brut	Class of Vessel. — Catégories des navires.	District.	Reason for Non-Inspection. — Motif de la non-inspection.
Kathleen	76	Scr. Pass	Port Arthur	Not running.
Kawigamog	85	Scr. Pass	Toronto	No application.
Kaybee	9	Scr. Tug	Toronto	Not running.
Kennequhare	572	Dipper Dredge	Port Arthur	Out of district.
Keeyo		Scr. Pass	Kingston	No application. Not in commission.
Keewatin	50	Scr. Tug	Port Arthur	Not running.
Kestrel	7	Scr. Tug	Toronto	No application.
Kestrel	311·07	Schooner Frt	Victoria	In foreign port. Not available.
Ketin	6	Scr. Tug	Port Arthur	Not running.
Kilbirnie	15	Scr. Yacht	Kingston	Not in commission.
Killarney Bell	28	Scr. Tug	Toronto	Not running.
King Edward	Not reg'd.	Suction Dredge	Vancouver	Inspected since Mar. 31, 1918.
Kingfisher	77	Scr. Tug	Port Arthur	Not running.
Kruger	243	Sand Sucker	Toronto	Not running.
Kwasind	47	Scr. Yacht	Toronto	Not running.
Lac Saul	18	Scr. Tug	Port Arthur	Not in commission.
Lac St. Jean	184·18	Dredge	Quebec	Not in commission.
Lac St. Pierre	158	Tw. Scr. Tug	Sorel	Laid up.
Lady of the Lake	7	Scr. Yacht	Toronto	Not running.
Lady of the Lake	160	Scr. Frt	Port Arthur	No application.
Lakefield	33	Scr. Pass	Toronto	Not running.
La Jeanette	8	Scr (Gas)	Quebec	Not in commission.
Lamonde	86	Scr. Pass	Kingston	Not in commission.
Landbo	2,292	Scr. Frt	Toronto	Inspected since Mar. 31, 1918.
Lansdowne	680·31	Scr. Gov't Buoy Service	St. John	Laid up.
La Salle	85	Scr. Yacht	Toronto	Not running.
Laurentian	355·02	Scr. Pass	Quebec	No application.
Laurin and Leitch	297	Dipper Dredge	Montreal	Not in commission.
Leader	29·32	Scr. Tug	St. John	Out of district.
Le Colon	173·13	Pdl. Geared	Quebec	Unfit for service.
Lee	9	Scr. Pass	Kingston	Not in commission.
Leland	619	Dredge	Toronto	Not running.
Lena	14	Scr. Fishing Tug	Toronto	Not running.
Leonard	3,365·4	Tw. Scr	Quebec	Not in commission.
Leroy Brooks	61	Scr. Tug	Toronto	Not running.
Lightship No. 18	94	Lightship	Toronto	Inspected since Mar. 31, 1918.
Lily of the Lake	18·87	Scr. Frt. and Pass. (Gas)	Edmonton	Inspection not applied for. Laid up.
Lingan	4,676·56	Scr. Frt	St. John	Inspected elsewhere.
Little Ada	236	Scr. Tug	St. John	Laid up.
Little Bobs	13	Scr. Tug	Port Arthur	No application.
Little Lake	50	Dredge	Toronto	No application.
Lizzie May	18	Scr. Tug	Toronto	Not running.
Llano	14	Scr. Yacht	Toronto	No application.
Loblintz	438	Rock Breaker	Halifax	Laid up.
Lobnitz No. 3	438·39	Gov. Stone Breaker	St. John	Out of district.
Lobnitz Rockcutter No. 1	222	Rock Cutter P.W.D	Victoria	Laid up.
Lolita	14	Scr. Yacht	St. John	Laid up.
Longlad	22	Scr. Tug	Toronto	No application.
Loon Lake	9	Scr. Tug	Port Arthur	Not running.
Lord Roberts	55·98	Scr. Tug	St. John	Inspected elsewhere.
Lord Beresford	111·73	Scr. Tug	St. John	Out of district.
Lottie	12	Scr. Ferry	Montreal	Not in commission.
Lotus	26	Scr. Yacht	Toronto	No application.
Lorne Hale	22	Pdl. Tug	Toronto	Not running.
Louise		Warp Tug	Montreal	No application.
Louisburg	1,815·6	Scr. Frt	St. John	Inspected elsewhere.
Lowmoor	14	Scr. Tug	Montreal	No application.
Lubec	50·94	Scr. Pass	St. John	
Lubricator	10·46	Scr. Frt. and Pass. (Gas)	Victoria	Laid up.
Ludivica	16·72	Scr. Tug	Quebec	Not in commission.
M. & F. No. 1	409	Elev. Dredge	Sorel	Laid up.
M. & F. No. 7	913	Suction Dredge	Sorel	Laid up.
M. & F. No. 10	759	Dipper Dredge	Sorel	Laid up.
M. & F. No. 11	842	Dipper Dredge	Sorel	Laid up.
M.G.C. Co. No. 1	401	Drill Boat	Montreal	No application.
M. & W	9	Scr. Tug	Kingston	Not in commission.
M. J. O'Brien	252	Pdl. Frt	Port Arthur	Not running.
Mabel Brown	1,474·4	Scr. Frt	Vancouver	In foreign ports. Not available.
Mabel D	38	Scr. Fishg. Tug	Toronto	Being rebuilt.
Mabel McDonald	42	Scr. Tug	Kingston	Not in commission.
Mabel Reid	63	Scr. Tug Coasting	Halifax	Laid up.
MacNaughton	137	Scr. Tug	Toronto	Not running.
McPhee	Not reg'd.	Stn. Pdl. Scow	Edmonton	Inspection not applied for. Laid up.

TABLE IV—*Continued.*—TABLEAU IV—*Suite.*

Name of Vessel. — Noms des navires.	Tonnage. — Gross-Brut	Class of Vessel. — Catégories des navires.	District.	Reason for Non-Inspection. — Motif de la non-inspection.
Madawaskn	15	Pdl. Warp Tug	Montreal	Not in commission.
Maggie May	46	Ser. Pass.	Toronto	Not running.
Maganetawan	25	Ser. Tug	Toronto	No application.
Maggie R. King	27	Ser. Tug	Kingston	Not in commission.
Malaspina	392	Ser. Gov't Ser	Victoria	Naval Service. No application.
[illegible]				
Margaret F	31	Ser. Yacht	Toronto	Not running.
Margaret	24	Ser. Tug	Port Arthur	No application.
Marguerite	19·7	Ser. Tug	St. John	Laid up.
Maria	31	Ser. Tug	Sorel	Laid up. No application.
Marion	32	Ser. Frt. Tug	Edmonton	Inspection not applied for. Laid up.
Marie Josephine	117·43	Wrecking Sch. Ser	Quebec	Not in commission.
Marie Louise	32	Ser. Tug	Kingston	Not in commission.
Markland	22	Ser. Pass.	Halifax	Laid up.
Marlton	64	Ser. Tug	Toronto	Not running.
Mesaba	1,913	Ser. Frt	Kingston	No application.
Marshall W	5·5	Ser. Tug	St. John	Laid up.
Mather	144	Ser. Tug	Port Arthur	Not running.
Matheson	20	Ser. Tug	Toronto	Not running.
Mazeppa	149	Ser. Frt	Toronto	Not running.
Mendora	73	Ser. Tug	Toronto	Not running.
Menesetung	205	Dredge	Toronto	Not running.
Mersey	41·6	Ser. Tug	St. John	Laid up.
Michael Davitt	28	Ser. Tug	Montreal	No application.
Minorca	110	Quarantine Boat	Halifax	Inspection not applied for.
Minouche	10·76	Ser. Gas	Quebec	Not in commission.
Minoru	147·7	Ser. Tug	St. John	Out of district.
Mikado	80·1	Ser. Tug	St. John	Out of district.
Mistango	72	Pdl. Tug	Montreal	No application.
Minnie C	7	Ser. Yacht	Toronto	Not running.
Minota	29	Ser. Yacht	Toronto	Not running.
Minga	20	Ser. Yacht	Toronto	Not running.
Mink	88	Ser. Pass.	Toronto	No application.
Mildred	39	Ser. Yacht	Toronto	No application.
Mills	11	Ser. Tug	Toronto	Not running.
Minaki	53	Ser. Tug	Port Arthur	Not running.
Minnie M	19	Ser. Tug	Port Arthur	Not running.
Mistassini	235	Pdl. geared	Quebec	Unfit for service
Monsmeg	361	Drill Boat	Kingston	Not in commission.
Mollie	11	Ser. Yacht	Kingston	Not in commission.
Modello	46	Tw. Ser.	Collingwood	Not running.
Monarch	474	Dredge	Toronto	Not running.
Mont Cashel	508	Ser. Pass.	Port Arthur	Not running.
Montmorency	38	Ser. Tug	Montreal	No application.
Morning Star	72	Ser. Yacht	Kingston	Not in commission.
Morinus	10	Ser. Pass.	Toronto	Not running.
Mossy River	30	Ser. Tug	Port Arthur	Not running.
Mouping	33	Ser. Pass.	Vancouver	Not in commission.
Mulgrave	485	Ser. Tug Coasting	Halifax	No application.
N.B. No. 1	244	Dredge	St. John	Laid up.
Naiad	29	Ser Yacht	Toronto	Not running.
Natironco	1,079	Ser. Gvt.	Sorel	No application.
Nellie Bly	13	Ser. Tug	Toronto	Not running.
Nellie J. Thurston	100	Ser. Tug	Vancouver	Not in commission.
Nelson	24·5	Ser. Frt. and Pass	Victoria	Laid up.
Nettie B	12	Ser. Fishg. Tug	Toronto	Not running.
Nipissing	275	Pdl. Pass	Collingwood	Not running.
Nokomis	25	Ser. Yacht	Montreal	No application.
Norcross	20	Ser. Tug	Toronto	Not running.
Northland Echo	146·5	Str. Pdl. Frt. Pass	Edmonton	Inspection not applied for
Northland Star	20	Str. Pdl. Frt. Pass	Edmonton	No application.
Northland Sun	132	Tw. Ser. Frt. Pass	Edmonton	No application.
Notin	18	Ser. Tug	Port Arthur	Not running.
Nootka	18·7	Ser. Yacht	Vancouver	No application.
North Vancouver—Ferry No. 3	1,176	Ser. Pass	Vancouver	Inspected since Mar. 31-18.
Number 6	170	Dipper Dredge	Sorel	Unfit for service.
Nymoca	51	Ser. Tug	Toronto	Not running
Nymph	84	Ser. Tug	Toronto	Not running.
Oak Bay	26·6	Ser. Tug	Quebec	Not in commission.
Oak Leaf	39	Ser. (gas)	Halifax	No application.
Old Glory	199	Dredge	Toronto	Not running.
Omaha	1,246	Ser. Frt	Montreal	Changed districts.
Onagonah	19	Ser. Frt	Toronto	Not running.
Ontario	11	Ser. Tug	Toronto	Not running.
Ophir	11	Ser. Yacht	Toronto	No application.
Orvil	7	Ser. Pass.	Montreal	Not in commission.
Osprey	6	Ser. Tug	Montreal	Not in commission.
Osso	24	Ser. Yacht	Toronto	No application.
Ott	9	Ser. Yacht	Kingston	Not in commission.
Ottawa	.....	Ser. Tug	Montreal	Not in commission.

TABLE IV—*Continued.*—TABLEAU IV—*Suite.*

Name of Vessel. Noms des navires.	Tonnage. Gross-Brut	Class of Vessel. Catégories des navires.	District.	Reason for Non-Inspection. Motif de la non-inspection.
P.D.C. No. 2	156·7	Dredge	Vancouver	No application.
P.D.C. No. 4	337·8	Dredge	Vancouver	Not in commission.
P.D.C. No. 5	148·9	Dredge	Vancouver	Not in commission.
P.W.D. No. 3	447	Dredge	Halifax	No application.
P.W.D. No 4	Not Regt.	Dredge	Halifax	No application.
P.W.D. No. 10	244·3	Dredge	St. John	Laid up.
P.W.D. No. 14	Not Regt.	Dredge	Halifax	No application.
P.W.D. No. 13	403·7	Dredge	St. John	Laid up.
P.W.D. No. 12	434·8	Dredge	St. John	Laid up.
P.W.D No. 120	268	Dredge	Toronto	Not running.
Panter	15	Ser. Tug	Kingston	Not in commission.
Pastime	15	Ser. Tug	Port Arthur	Not running.
Pauline Hickler	51	Ser. Tug	Toronto	Not running.
Parrsboro	57	Ser. Tug	Halifax	No application.
Pearl	6	Ser. Yacht	Toronto	No application
Peace River	292	Pdl. Frt. and Pass	Edmonton	No application.
Peace River Boy	15·9	Ser. Frt. and Pass. (gas)	Edmonton	No application.
Peguis	39	Ser. Tug	Port Arthur	Not running.
Peltier	300	Dredge	Toronto	Not running.
Peribonka	178·8	Pdl. Tug	Quebec	Not in commission.
Perley Holmes	20	Ser. Tug. Allgtr.	Port Arthur	Not located.
Petawic	29	Ser. Tug	Port Arthur	Not running.
Pete Gorman	64	Ser. Tug	Toronto	Not running.
Phoebe II	13	Ser. Yacht	Toronto	No application.
Phylis William	154	Ser. Tug	Port Arthur	Not running.
Pioneer	15	Ser Tug	St. John	Laid up.
Piper	281·8	Ser. Hopper	St. John	Laid up.
Pluvia	42	Ser. Pass	St. John	No application.
Pocahontas	55·8	Ser. Pass	Montreal	Not in commission.
Polaris	532·7	Ser. Tug	Quebec	No application.
Port Douglas	12·9	Ser. Tug	Vancouver	No application.
Portneuf	38·7	Ser. Tug	Quebec	No application.
Port Wade	17	Ser. Pass (gas)	Halifax	Out of district.
Powerful	29	Pdl. Tug	St. John	Laid up.
Premier	177	Elev. Dredge	Montreal	Not in commission.
Primrose	916	Dredge	Toronto	Not running.
Primrose	23	Ser. Tug	Toronto	Not running.
Prince Edward Island	2,795	Tw. Ser. Ferry	Halifax	Out of district.
Prince Ito	472·6	Ser. Frt	Quebec	No application.
Prince Willie	290	Dipper Dredge	Sorel	No application.
Prince Guy	261	Dipper Dredge	Sorel	No application.
Princess Louise	26	Ser. Pass	Kingston	No application.
Prince Albert	1,015	Ser. Frt. and Pass	Vancouver	Inspected since Mar. 31-18.
Priscilla	20	Ser. Yacht	Toronto	Not running.
Projective	71·1	Ser. Tug	Vancouver	Inspected since Mar. 31-18.
Provincial No. 1	168·4	Dredge	St. John	Laid up
Pueblo	1,493	Ser. Frt	Kingston	No application.
Pukwanna	14	Ser. Yacht	Toronto	No application.
Q.H.C. Dredge No. 1	748	Tw. Ser. Suction Dredge	Quebec	Not in commission.
Qu'Appelle	82·2	Ser. Pass	Edmonton	No application.
Queen of Temagami	36	Ser. Pass	Kingston	No application.
Quincy	209	Dredge	Halifax	Laid up.
Quinte Chief	264	Drill Boat	Kingston	Not in commission.
R. G. Shaw	28	Ser. Tug	Toronto	Not running.
R. G. A. Weaver	81	Ser. Tug	Kingston	Not in commission.
R.M.C. Dredge No. 10	511	Dredge	Kingston	Not in commission.
Rambler	39	Ser. Yacht	Toronto	No application.
Rambler	26	Ser. Tug	Port Arthur	No application.
Ramona	102	Ser	Collingwood	Not running.
Ranger	8	Ser. Tug	Toronto	Not running.
Rapids Queen	1,307·5	Pdl. Pass	Quebec	Not in commission.
Rat Portage	14	Ser. Tug	Port Arthur	Not running.
Redwing	23	Ser. Tug	Port Arthur	No application.
Reliable	207·7	Ser. Tug	St. John	Out of district.
Reliance C	19	Ser. Pass	Kingston	No application.
Rexton	35·1	Pdl. Tug	St. John	Laid up.
Rideau King	266	Ser. Pass	Kingston	Not in commission.
Robbie Burns	89	Ser. Tug	Halifax	Laid up.
Robert R. Rhodes	1,598·9		Quebec	No application.
Rob Roy	12	Ser. Yacht	Kingston	Not in commission.
Robson	464·1	Suction Dredge	Vancouver	Not in commission.
Rock Breaker No. 1	146	Rock Breaker	Kingston	Not in commission.
Rosamond Billett	679	Tw. Ser.	Port Arthur	Dismantled.
Rosemount	1,580	Ser. Frt	Kingston	No application.
Rosina	8	Ser. Yacht	Toronto	Not running.
Rosseau	53	Ser. Yacht	Toronto	Not running.
Roy	6	Ser. Yacht	Toronto	Not running.
Ruby	20	Ser. Tug	Port Arthur	Not running.
Rustler	101·5	Pdl. Ferry	St. John	Laid up.
St. Andrew	76·6	Ser. Tug	St. John	No application.
St. Anthony		Pdl. Warp Tug	Montreal	Not in commission.

TABLE IV—*Continued.*—TABLEAU IV—*Suite.*

Name of Vessel. — Noms des navires.	Tonnage. — Gross-Brut	Class of Vessel. — Catégories des navires.	District.	Reason for Non-Inspection. — Motif de la non-inspection.
St. Charles	27	Ser. Tug	Kingston	Not in commission.
St. Claire No. 2	Not Regt	Dredge	Toronto	Not running.
St. Irenee	2,158·5	Pdl. Pass	Quebec	Not in commission.
St. John	941	Dredge	St. John	Laid up.
St. Paul	45	Ser. Tug	Toronto	Not running.
St. Roch	17·7	Ser. Tug	Quebec	Not in commission.
Sadie	14	Ser. Fishg. Tug	Toronto	Not running.
Saeborn	30	Tw. Scr. Yacht	Montreal	Not in commission.
Saganio	744	Tw. Scr. Pass	Toronto	Not running.
Sagenada	64·3	Ser. Tug	St. John	Inspected elsewhere.
Sam Brisbin	26	Ser. Tug	Port Arthur	Could not make port, river low.
Scona	114·2	Str. Pdl. Tug	Edmonton	No application.
Scowlitz	177·9	Str. Whl. Tug	Vancouver	Not in commission.
Seacrest	18	Ser. Tug	Halifax	No application.
Sea Gull	9	Ser. Tug	Toronto	No application.
Seaton Lake	12·2	Tw. Scr. Frt. and Pass (gas)	Victoria	Laid up.
Shamrock	23·8	Ser. Tug	Victoria	Laid up.
Shamrock II	10	Ser. Pass	Toronto	Not running.
Siesta	99	Ser. Yacht	Toronto	Not running.
Sigma	191	Ser. Yacht	Port Arthur	Not running.
Sir Henry Harness	100	Ser. Tug Coasting	Halifax	Laid up.
Sir Lomer	48	Ser. Tug	Quebec	No application.
Sissiboo	61	Ser. Pass	St. John	No application.
Skookum	16·1	Tw. Scr. Frt. & Pass	Victoria	Laid up
Skwala	,164·6	Strn. Whl. Tug	Vancouver	Not in commission.
Slave River	318·2	Str. Pdl. Frt. and Pass	Edmonton	No application.
Smith Brothers	13·4	Ser. Tug	St. John	Laid up.
Solid Comfort	26	Ser. Tug	Port Arthur	No application.
Sonci	14	Ser. Pass	Toronto	Not running.
Southwood	19	Ser. Tug	Toronto	Not running.
Sowards	238	Ser. Frt	Toronto	Not running.
Spray	18	Ser. Tug	Port Arthur	Not running.
Spirit	13	Ser. Tug	Port Arthur	No application.
Stanstead (New Colin W)	1,458·7	Ser. Frt	Quebec	No application.
Standard	16	Ser. Tug	Port Arthur	Not running.
Stella A. K	61	Ser. Tug	Montreal	Changed district.
Stella	16	Ser. Tug	Toronto	Not running.
Stetson	36·1	Ser. Tug	Vancouver	Not in commission.
Stodard	11	Ser. Tug	Toronto	Not running.
Stornaway	41	Ser. Tug	Toronto	Not running.
Swastika	9	Ser. Yacht	Toronto	No application.
Sweepstakes	28	Pdl. Tug	Toronto	No application.
T. A. Stewart	36	Tw. Scr. Tug	St. John	Laid up.
T.F.M. No. 4	143	Dredge	Kingston	Not in commission.
Tadenac	9	Ser. Tug	Montreal	Not in commission.
Takara Maru	30·1	Ser. Tug	Vancouver	Not in commission.
Tangent	36	Tw. Scr. Tug	St. John	Laid up.
Tantawanta	158·5	Ser. Dredge	St. John	Laid up.
Temagami	18	Ser. Pass	Kingston	No application.
Temiskaming	295	Ser. Pass. Frt	Montreal	Not in commission.
The Chief	325	Dredge	Toronto	Not running.
Thelma	19	Ser. Tug	Kingston	Not in commission.
Theresa	26	Ser. Tug	Toronto	No application.
The Sydenham	445	Dredge	Toronto	Not running.
The Pas	23	Ser. Tug	Port Arthur	Not running.
Terra Nova	47·1	Ser. Tug	Vancouver	Inspected since Mar. 31-18.
Thos. Maitland	107	Ser.	Collingwood	Not running.
Thyra Menier	1,456·5	Ser. Frt. & Pass	St. John	Inspected elsewhere.
Tig	10	Ser. Tug	Port Arthur	No application.
Tim Healy	34	Ser. Tug	Toronto	Not running.
Togo	15	Ser. Tug	Toronto	Not running.
Topsy	15	Ser. Tug	Toronto	No application.
Tornado	1,121	Dredge	Toronto	Inspected since Mar. 31-18.
Torpy	7	Ser. Tug	Port Arthur	Not running.
Torpedo	8	Ser. Tug	Montreal	Not in commission.
Torsand	56	Ser. Tug	Toronto	Not running.
Tranquillo	39	Ser. Tug	Toronto	Not running.
Trusty	58	Ser	Halifax	Naval service.
Tug No. 1	115	Ser. Tug	Montreal	Not in commission.
Tyrian	1,039	Ser.	Halifax	Naval Service. No application.
Umbria	97	Ser. Tug	Kingston	Not in commission.
Una	14	Ser. Tug	Toronto	Not running.
Undine	9	Ser. Tug	Port Arthur	Out of district.
Vera A	11	Ser. Tug	Toronto	Not running.
Verda Bell	34	Ser. Tug. Fishg	Toronto	Not running.
Veta	11·8	Ser. Tug	St. John	Laid up.
Victor	26	Ser. Tug	Port Arthur	Not running.
Vulcan	76·8	Ser. Tug	Vancouver	To be inspected later.
W. H. Murray	74·9	Ser. Tug	St. John	Out of district.

TABLE IV—*Concluded.*—TABLEAU IV—*Fin.*

Name of Vessel. — Noms des navires.	Tonnage. — Gross-Brut	Class of Vessel. — Catégories des navires.	District.	Reason for Non-Inspection. — Motif de la non-inspection.
Wabash	13·7	Scr. Tug	Victoria	Laid up.
Wabis	77	Pdl. Warp Tug	Montreal	Not in commission.
Wahwaskash	19	Pdl. Frt	Toronto	No application.
Wanda III	60	Scr. Yacht	Toronto	No application.
Wanderer	21	Scr. Tug	Port Arthur	Not running.
Wapite	18	Scr. Yacht	Port Arthur	Not running.
Water Lily	54	Scr. Pass	Kingston	Not in commission.
Walter H. Stone	35	Scr. Tug	Toronto	Not running.
Wasp. B	15	Scr. (gas)	Halifax	No application.
Waukon	29	Scr. Pass	Toronto	No application.
Wawa	9	Scr. Yacht	Toronto	Not running.
Wawono	31	Scr. Fisg. Sc	Toronto	Not running.
Wendigo	34	Scr. Tug	Port Arthur	Not running.
Westerian	987·6	Scr. Frt	Quebec	No application.
Westport	80	Scr. Frt	Montreal	No application.
Where Now	48	Scr. Pass	Toronto	Not running.
Wiley M. Egan	1,620	Scr. Frt	Montreal	Changed district.
Wilfred C	99·3	Scr. Pass	St. John	Laid up.
Willie H	Not Regt.	Scr. Tug	Quebec	No application.
Willowdee	25	Scr. Yacht	Toronto	No application.
William White	18	Scr. Tug	Port Arthur	Not running.
Winnet	22	Scr. Tug	Kingston	Not in commission.
Winnie	225·6	Scr. Tug	St. John	Out of district.
Winnifred	13	Scr. Tug	Vancouver	No application.
Wm. A. Haskell	1,845	Scr. Frt	Kingston	No application. Name changed.
Wm. J. Averill	1,854	Scr. Frt	Kingston	No application. Name changed.
Woodnymth	18·6	Scr. Tug	Vancouver	To be inspected later.
Yeldah	42	Scr. Frt	Toronto	Not running.
Zella V	47·4	Scr. Tug	St. John	Laid up.

TABLE V.—Statement showing Steam Vessels added to Dominion during the Fiscal Year ended March 31, 1918

TABLEAU V.—Relevé des navires à vapeur ajoutés à la marine marchande de la Puissance durant l'exercice financier terminé le 31 mars 1918.

Tonnage: Gross registered—Tonnage: Brut enregistré.

Name of Vessel. — Noms des navires.	Tonnage.	Where and when Built—Material. — Année et lieu de construction. Nature de la coque.	Trade. — Désignation d'emploi commercial.	Propulsion N.H.P. — Propulsion—N. en H.P.	Division.	Route.
A. B. Commee	133· 72·	Port Arthur Wood.	Tug	Screw 31·	Port Arthur	Lake Superior.
Agnes W. Dods	12·39 8·43	Victoria, B.C. Wood.	Pass	Screw gas 1·4	Victoria	Sydney and James Island, B.C.
Argenteuil	174· 64·	Sorel Steel.	Buoy service	Steam Barge 16·6	Sorel	Ottawa River.
Aurore Marie	19· 11·	St. Fulgence Wood.	Pass	Tw. Screw Gas 2	Quebec.	Chicoutimi and St. Fulgence.
*Beatrice Castle	1,565·6 1,248·2	Victoria, B.C. Wood.	Freight	Aux. Sc. Tw. Scr. 18	Victoria	Foreign ports.
C. Kylander	25· 17·	Rossport, Ont Wood.	Fishing Tug	Screw 7	Port Arthur.	Rossport.
Cadillac	1,297· 732·	South Chicago, U.S.A Steel.	Pass. and Frt	Screw 88·16	Toronto	Lakes, etc.
Col. White	19· 13·	Simcoe, Ont Wood.	Warp Tug	 2·7	Montreal.	Calumet and La Rouge.
Conqueror	166· 91·	Buffalo, N.Y. Wood.	Tug	Screw 55·2	Sorel	Rivers and lakes.
Couchiching	43· 26·	Lowbush Wood.	Passenger	Twin Screw 3·2	Montreal	Abitibi Lake.
Dr. Rymer	15·5 10·5	Edmonton, Alba Wood.	Yacht	Tw. Scr. gas 70	Edmonton	McKenzie River.
Empress Asia	16,909· 8,883·2	Govan, B.G. Steel.	Freight and Pass	Four Steam Turbine	Vancouver.	Vancouver and Foreign ports.
Empress of Japan	5,940·4	Barrow-in-Furness, Eng Steel.	Freight and Pass	Twin Screw 2,000	Vancouver	Vancouver and Foreign ports.

*Since sold to French Interests, now named Stasia.

TABLE V—*Continued.*—TABLEAU V—*Suite.*

Name of Vessel. — Noms des navires.	Tonnage.	Where and when Built—Material. — Année et lieu de construction. Nature de la coque.	Trade. — Désignation d'emploi commercial.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Division.	Route.
Empress Russia	16,810· 8,789·1	Govan, G. B Steel.	Freight and Pass.	Four St. Turbine	Vancouver	Vancouver and Foreign ports.
Esquimalt	1,373· 1,058·	Victoria, B.C. Wood.	Freight	Aux. sc. Tw. Scr. 18	Victoria	Foreign ports.
F. A. R. No. 3	67· 67·	Glenross, Ont Wood.	Dredge	 5	Kingston	Trent Canal.
Festubert	365· Not reg'd.	Toronto, Ont. Steel.	Trawler	Screw 58·93	Toronto	
G. B. Greene	251· 218·	Quyon, Que. Steel.	Passenger	Paddle (Gas)) 34	Montreal	Deschenes Lake.
G. R. Gray	268· 121·	Collingwood, Ont. Wood.	Freight	Screw 56·5	Collingwood	Sault Ste. Marie and vicinity.
George Williams	52· 26·	Les Escoumains, P.Q. Wood.	Tug	Tw. Screw 50	Quebec	Saguenay River.
Geraldine Wolvin	1,472· 1,259·	North Vancouver, B.C. Wood.	Freight	Tw. Scr. aux sc 36·3	Vancouver	Vancouver and Foreign ports.
Glenmount	2·111· 1,218·	Wiandotte, Mich., U.S.A. Composite.	Freight	Screw 132	Kingston	Great Lakes.
James W. Follette	756· 540·	Gibraltar, Mich, U.S.A. Wood.	Freight	Screw	Kingston	Erie and Saguenay.
Janet Carruthers	1,466· 1,253·	North Vancouver, B.C. Wood.	Freight	Tw. Scr. aux. sc. 36·3	Vancouver	Vancouver and Foreign ports.
Jean McNamara	11· 25·	Ottawa, Ont. Steel.	Warp Tug	Screw 6·6	Montreal	Chat Lake.
Jean Steedman	1,577· 1,253·	Victoria, B.C. Wood.	Freight	Tw. Scr. aux. sch 18	Victoria	Foreign ports.
Jessie Norcross	1,481· 1,268·	North Vancouver, B.C. Wood.	Freight	Tw. Scr. aux. sch 36·3	Vancouver	Vancouver and Foreign ports.
Ketih Cann	299· 17·6	Shelburne, N.S. Wood.	Freight	Steam 52·6	Halifax	Coasting.
La Pas	17· 11·	Fort Coulonge, P.Q. Wood.	Pass. Frery	Pdl	Kingston	Fort Coulonge and Pas Pas.

Laurel, Whalen	1,357· 1,049·	Victoria, B.C. Wood.	Freight	Tw. Scr. aux. s. 18	Victoria	Foreign ports.
Lord Ormonde	3,914· 2,533·	Low-Walker-on-Tyne, G.B. Steel.	Freight	Screw 320	Quebec	Foreign ports.
Low Bush	117· 64·	Low Bush Wood.	Tug	Pdl. 6·6	Montreal	Abitibi lake.
Mabel Stewart	1,471· 1,272·	North Vancouver, B.C. Wood.	Freight	Tw. Scr. aux sch. 36·3	Vancouver	Vancouver and Freign ports.
Mac Sin	280· 80·	Sorel Wood.	Tug	Screw Tug 118	Sorel	Rivers and lakes.
Mayata	112· 63·	New York, U.S.A. Composite.	Not in commission	Tw. Screw 51	Quebec	
Messines	325· Not reg'd.	Toronto, Ont. Steel.	Trawler	Screw 58·9	Toronto	
Monteagle	6·162· 3,953·	New Castle, Eng. Steel.	Frt. and Pass.	Tw. Screw 750	Vancouver	Vancouver and Foreign ports.
M'Sigone	275·6 160·8	Church Point, N.S. Wood.	Freight	Steam 28	Halifax	Coasting.
Noreg I.	337· 174·	Wedge Port N.S. Wood.	Freight	Steam 34	Halifax	Coasting.
Parima	2,990· 1,874·	New Castle, Eng. Steel.	Pass.	Screw 271	Montreal	New York and West Indies.
Peter Pan II.	190· 58·	Collingwood, Ont. Wood.	Towing and Frt.	Screw 34·67	Collingwood	Windsor and Pelee Islands.
Port Alberni	34·7 23·6	Port Alberni, B.C. Wood.	Tug	Screw 7	Victoria	Albernia Canal, B.C
Premier	195· 133·	Mateghan, N.S Wood.	Freight	Screw 20·4	St. John, N.B	St. John River.
Ragus	78· 43·	Mahone Bay, N.S. Wood.	Pass. and Frt	Steam 18·2	Halifax	Mahone Bay.
Regal R.	8· 5·8	Prince Rupert Wood.	Frt. and Pass.	Gas. Screw 2·8	Prince Rupert	Prince Farrant Isld.
Reginolite	2,631· 1,394·	Collingwood, Ont. Steel.	Freight	Screw oil 124	Collingwood	Coasting.
Robert K.	57· 39	Port Dover, Ont. Wood.	Fishing tug	Screw 16·8	Toronto	Lake Erie.
Rosina B.	320· 181·	Mahone Bay, N.S. Wood.	Freight	Steam 54	Halifax	Coasting.
St. Eloi	325· Not reg'd.	Toronto Steel.	Trawler	Screw 58·9	Toronto	

TABLE V—*Concluded.*—TABLEAU V—*Fin.*

Name of Vessel. — Noms des navires.	Tonnage.	Where and when Built—Material. — Année et lieu de construction. Nature de la coque.	Trade. — Désignation d'emploi commercial.	Propulsion—N.H.P. — Propulsion—N. en H.P.	Division.	Route.
St. Julian	325· Not reg'd.	Toronto, Ont. Steel.	Trawler	Screw 58·93	Toronto	
Tarahne	198· 156·	Atlin, B.C. Wood.	Frt. and Pass	Tw. Scr. gas 12·15	Prince Rupert	Atlin Lake.
Thomas B.	199· 135·	Brooklyn, N.Y. Wood.	Freight	Steam 65·3	Halifax	Coasting.
Trawler No. 7		Collingwood, Steel	Trawler	Screw 61	Collingwood	
Trawler No. 8		Collingwood, Steel	Trawler	Screw 61	Collingwood	
Trawler No. 9		Collingwood, Steel	Trawler	Screw 61	Collingwood	
Tremblay	129· 78·	Chicoutimi Wood.	Pass	Pdl 9	Quebec	Chicoutimi and Ste. Anne.
Trois Pistoles	20· 11·	Bic, P.Q. Wood.	Pass	Screw 1	Quebec	Trois Pistoles and Escoumains.
Tutshi	922· 634·	Carcross, Y.T Wood.	Frt. and Pass.	Str. Whl 18·4	Prince Rupert	Taku Lake.
Viny	325· Not reg'd.	Toronto, Ont. Steel.	Trawler	Screw 58·93	Toronto	
Violet G.	37· 25·	Rossport, Ont. Wood.	Fishing Tug	Screw 8	Port Arthur, Ont.	Rossport.
W. J. Guest	97· 66·	Selkirk, Man. Wood.	Fishing Tug	Screw 20·9	Port Arthur	Lake Winnipeg.
War Dance	2,231· 1,337·	Port Arthur, Ont. Steel.	Freight	Screw 146	Port Arthur	Foreign ports.
War Fish	2,646· 1,612·	Port Arthur Steel.	Freight	Screw 146	Port Arthur	Foreign ports.
War Wasp	1,421·6 809·9	New Glasgow, N.S. Steel.	Freight	Turbine 1,000	Halifax	Foreign ports.
Wan Apos Bano	61· 24·	Sanmour, P.Q. Wood.	Freight Tug	Str. Whl 5	Sorel, P. Q.	St. Maurice River.

Westmount	7,392. 5,655.	Collingwood, Steel	Freight and Pass	Screw	217.7	58.93	Collingwood	Toronto	Great Lakes.
Ypres	325. Not reg'd.	Toronto, Ont. Steel.	Trawler	Screw			Toronto		

TABLE VI.—Statement of Steam Vessels, Lost, Broken up, or Laid up as unfit for service, in the Dominion during the Fiscal Year ending March 31, 1918, and where and how last employed.

TABLEAU VI.—Relevé des bateaux à vapeur perdus, démolis ou désarmés comme impropres à tout service, dans la Puissance, durant l'exercice financier terminé le 31 mars 1918. Ce relevé indique aussi l'endroit où le navire a navigué en dernier lieu.

Tonnage: Gross—Tonnage: Brut.

Name of Vessel. — Noms des navires.	Tonnage.	Class of Vessel. — Catégories des navires.	Division.	Where employed. — Localités ou employés.	—
Acadien	707	Gas. Freight	Halifax	Foreign ports	Total loss.
Albert	269		Montreal	Deschenes Lake	Dismantled at Quyon, P.Q.
Alberta	7	Tug Screw	Port Arthur	Thunder Bay fishing	Foundered.
Albert Lea	18·7	Scr. Tug	Victoria	Alberni Canal, B.C	Machinery and boiler taken out.
Aliford	61	Scr. Tug	Vancouver	Coast, B.C	Destroyed by fire.
Argo	20	Wood Screw	Port Arthur	Rossport fishing	Broken up.
Atlantic	98	Screw fishing	Halifax	Coasting	Total loss.
Bridgewater	208	Steam Freight	Halifax	Coasting	Dismantled.
C. E. Tanner	18	Screw Tug	Halifax	Naval Service	Total loss.
Captor	22	Gas. Fishing	Halifax	Coasting	Dismantled.
Case	2,309	Scr. Frt	Toronto	Great Lakes	Burned.
Chicora	931	Pdl. Pass	Toronto	Lake Ontario	Laid up for repairs.
City of Chatham	362	Scr. Pass. and Frt	Collingwood	North Channel	Dismantled—boiler condemned.
City of London		Scr. Frt	Quebec	Montreal and Baie St. Paul	
Conger Coal	672	Scr. Frt	Toronto	Great Lakes	Burned.
Cygnet	11	Steam Fishing	Halifax	Coasting	Dismantled.
Deliverance	280	Scr. Tug	Halifax	Naval Service	Total loss.
Dexuen	94	Tw. Scr. Pass. and Frt	Quebec	Roberval and La Pipe	Destroyed by fire.
Durley Chine	1,918	Scr. Frt	Halifax	Coasting	Total loss.
E. A. Shores	593	Pdl. Frt	Toronto	Lake Erie	Not running.
E. G. Laverdure	54	Scr. Tug	Sorel	Sorel	Dismantled.
Elgin L. Lewis	50	Scr. Pass	Montreal	Lake Nipissing	Unfit for service.
Escort No. 2	192·4	Scr. Tug	Vancouver	Coasting	Sold to foreigners.
Eva Marie	126	Scr. Frt	Victoria	Victoria and West Coast, Vancouver Isld	Abandoned. Total loss.
Florizel	3,081	Scr. Gas	Halifax	Halifax, Newfoundland & New York	Total loss.
Frank Jackman	39	Scr. Tug	Quebec	Quebec	Machinery taken out.
Frontier	700	Pdl. Pass	Toronto	Detroit River	Sunk at dock.
Gambrineus	28	Scr. Lighter	Halifax	Halifax Harbour	Dismantled.
Garden City	637	Pdl Pass	Toronto	Toronto and Port Dalhousie	Laid up.
Geo. H. Jones	71	Scr. Tug Frt	Toronto	Georgian Bay	Foundered.
Glen Rosa	17·9	Scr. Tug	Vancouver	Coasting	Wrecked.
H. Larose	13	Scr. Tug	Sorel	Sorel	Hull dismantled. Engine and boiler taken out
Heathcote	2,345	Scr. Frt	Halifax	Foreign ports	Total loss.
Highland Belle	50	Scr. Pass	Montreal	Lake Nipissing	Unfit for service.
Hiptolyta	15	Scr. Gas. Pass	Halifax	Barrington and Cape Island	Total loss.
Islay	175	Scr. Tug	Collingwood	Lake Couchiching	Sunk. Abandoned.
J. E. Mills	149	Scr. Frt	Toronto	Detroit River	Dismantled.
James Reid	181	Scr. Tug Frt	Toronto	Great Lakes	Foundered.
Jasmine	298	Scr. Pass	Toronto	Toronto Bay	Laid up.
Jean Jacques	22·6	Scr. (Gas) Pass	Quebec	Grandes Piles and La Tuque	Dismantled.
Jubilee	117		Montreal	Lake Temiskaming	Broken up.
Lady of the Lake	607		Montreal	Magog and Newport	Dismantled.
Lady of the Lake	33	Scr. Tug	Kingston	Trent Canal	Hull used up.
Loretta	12	Scr. Tug	St. John	St. John River	Burned.
Lottie N.	34	Scr. Tug	Vancouver	Coasting	Boiler burned.
Luella	38	Scr. Pass	Toronto	Toronto Bay	Laid up.
Malcom Cann	212	Scr. Frt	Halifax	Coasting	Dismantled.
May Queen	539	Pdl. Pass. Tug	St. John	St. John River	Burned.
Mecklavie	44	Pdl. Tug	St. John	Restigouche River	Burned.
Mistassini	235	Pdl. Pass	Quebec	Roberval and Peribonka	Unfit for service.
Montmorency	27	Scr. Tug	Sorel	Sorel	Dismantled.
Njord	523	Scr. Frt	Halifax	Coasting	Total loss.
Nora J	19	Scr. Fishing	Halifax	Coasting	Dismantled.
Noreg I	332	Scr. Frt	Halifax	Coasting	Total loss.
Northland Sud	132	Scr. Pass. and Frt	Edmonton	Lesser Slave Lake	Dismantled.
Olita	15	Scr. Fishing	Halifax	Coasting	Dismantled.
Pastime	68	Scr. Lighter	Halifax	Halifax Harbour	Dismantled.
Premier	374	Scr. Tug	Halifax	Naval Service	Total loss.
Quinte Queen	203		Montreal	Ottawa and Kettle Isld	Broken up.

TABLE VI—*Concluded.*—TABLEAU VI—*Fin.*

Name of Vessel. — Noms des navires.	Tonnage.	Class of Vessel. — Catégories des navires.	Division.	Where employed. — Localités ou employés.	—
R. Paul	174·6	Scr. Frt	Quebec	Montreal, Richelieu River	Destroyed by fire.
Roberval	343	Scr. Frt	Quebec	Quebec and Port Colborne	Loss.
Rosamond Bellet	679	Tw. Scr	Port Arthur	Lake Winnipeg, freight	Dismantled.
St. Anne	99·6	Pdl. Ferry	Quebec	Chicoutimi and Ste. Anne	Broken up.
St. Laurent	350	Pdl. Frt	Kingston	Prescott and Montreal	Destroyed by fire.
St. Lewis	428	Pdl. Ferry	Quebec	Verdun and La Tortue	Sunk.
St. Louis	269	Pdl. Ferry	Montreal	Verdun and La Tortue	Sunk.
Scottish Hero	2,205	Scr. Frt	Halifax	Foreign ports	Total loss.
Smuggler	16	Scr. Tug	Victoria	Arrow Lake, B.C.	Sunk.
Sove City	500	Scr. Frt	Collingwood	Georgian Bay	Dismantled.
Valleyfield	417	Pdl. Pass	Toronto	Burlington Bay	Dismantled.
W. Robidoux	127	Dipper Dredge	Sorel	St. Francois River	Laid up.
William Edwards	1,336	Scr. Frt	Halifax	Foreign ports	Total loss.
Where Now	48	Pdl. Pass	Toronto	Burlington Bay	Not required.
Wm. H. Murray	75	Scr. Tug	Halifax	Coasting	Total loss.

TABLE VII.—Statement showing the number of inspections of ship's tackle made during the Fiscal Year ended March 31, 1918.

TABLEAU VII.—Relevé du nombre des inspections des appareils de levage à bord des navires, faites durant l'exercice financier terminé le 31 mars 1918.

Port.	Number of Inspections. — Nombre d'inspections.	Name of Inspector. — Nom de l'inspecteur.
Halifax, N.S.	49	D. J. Murray.
St. John, N.B.	279	E. D. Ring.
Montreal, P.Q.	479	J. A. Duval.

TABLE VIII.—List of Certificates granted to Engineers of steamships during the Fiscal Year ended March 31, 1918.

CERTIFICATES OF COMPETENCY.

TABLEAU VIII.—Liste des certificats accordés aux mécaniciens de bateaux à vapeur durant l'exercice financier terminé le 31 mars 1918.

CERTIFICATS DE CAPACITÉ.

No. of Certificate. — Nos des certificats.	Date of Certificate. — Dates des Certificats.	Name. — Noms.	Class. — Classes.	Address. — Adresses.	Place of Examination. — Localité où l'examen a été passé.
	1917.				
7902	April 6	Oliva Seguin	3rd	Hull, P.Q.	Montreal, P.Q.
7903	" 12	John Thorne	2nd	St. John, N.B.	St. John, N.B.
7904	" 12	Charles Vallor	4th	Esquimalt, B.C.	Victoria, B.C.
7905	" 18	Wm. Maurice Sims	3rd	Liverpool, N.S.	Halifax, N.S.
7906	" 18	Jno. Thomas Dalziel	4th	Georgetown, P.E.I.	Halifax, N.S.
7907	" 19	Harris Spencer	2nd	Vancouver, B.C.	Vancouver, B.C.
7908	" 19	Harry McLaughlin	3rd	New Westminster, B.C.	Vancouver, B.C.
7909	" 19	Jas. West Massey	4th	Vancouver, B.C.	Vancouver, B.C.
7910	" 25	Wallace Arthur Field	4th	Charlottetown, P.E.I.	St. John, N.B.
7911	" 26	Milford Vermard Dalzell	4th	St. John, N.B.	St. John, N.B.
7912	" 26	Jas. Richard Wisner	4th	Charlottetown, P.E.I.	St. John, N.B.
7913	May 9	Bernard Jno. Meagher	4th	Canso, N.S.	Halifax, N.S.
7914	" 9	Leonard Brookes Stedman	4th	Victoria, B.C.	Victoria, B.C.
7915	" 11	Roy Cocker	3rd	Victoria, B.C.	Vancouver, B.C.
7916	" 11	Anthony Chas. Clarke	4th	Vancouver, B.C.	Vancouver, B.C.
7917	" 11	Thos. Mills Dick	3rd	Bunaby, B.C.	Vancouver, B.C.
7918	June 1	Arthur Kitching	4th	Vancouver, B.C.	Vancouver, B.C.
7919	" 1	Jos. Emanuel Seay	4th	S. Vancouver, B.C.	Vancouver, B.C.
7920	" 1	Geo. Thompson Dennis	4th	Vancouver, B.C.	Vancouver, B.C.
7921	" 1	Samuel Jas. Diamond	4th	Vancouver, B.C.	Vancouver, B.C.
7922	" 1	Geo. Johan Langmyhr	4th	Montreal, P.Q.	Montreal, P.Q.
7923	" 7	Chas. Alfred Warry	4th	Charlottetown, P.E.I.	Halifax, N.S.
7924	" 14	Jno. Shields Graham	4th	Victoria, B.C.	Victoria, B.C.
7925	" 14	John Greenwood	4th	Sannich, B.C.	Victoria B.C.
7926	" 14	Geor. Wm. McKay	1st	New Westminster, B.C.	Victoria, B.C.
7927	" 18	Jno. Henry McCarvill	3rd	Pictou, N.S.	Halifax, N.S.
7928	" 18	Edward Vernon Jones	3rd	Bear River, N.S.	Halifax, N.S.
7929	" 18	Thos. Fred. Dunstan	4th	Dartmouth, N.S.	Halifax, N.S.
7930	" 23	Daniel Jos. Cogan	3rd	North Sydney, N.S.	Halifax, N.S.
7931	July 4	Thos. Cossar Porteous	2nd U.K.	Montreal, P.Q.	Montreal, P.Q.
7932	" 4	James Reid	2nd U.K.	S. Vancouver, B.C.	Vancouver, B.C.
7933	" 4	Alexander Morrow	2nd U.K.	Vancouver, B.C.	Vancouver, B.C.
7934	" 4	Stafford Hugh Shorto	1st U.K.	Halifax, N.S.	Halifax, N.S.
7935	" 4	Herbert Thos. Cottrell	4th	Vancouver, B.C.	Vancouver, B.C.
7936	" 4	Jos. Wilkins	4th	N. Vancouver, B.C.	Vancouver, B.C.
7936	" 4	Jos. Wilkins	4th	N. Vancouver, B.C.	Vancouver, B.C.
7937	" 9	Walter Litster	3rd	Sarnich, B.C.	Victoria, B.C.
7938	" 9	Andrew McNeney	4th	Vancouver, B.C.	Vancouver, B.C.
7939	" 17	William Sampson	4th	River Bourgoise, N.S.	Halifax, N.S.
7940	" 17	Walter McWilliams Roberts	4th	Esquimalt, B.C.	Victoria, B.C.
7941	" 17	James Hart	4th	Vancouver, B.C.	Vancouver, B.C.
7942	" 17	Joseph Kelly	4th	Nanaimo, B.C.	Vancouver, B.C.
7943	" 17	Stanley Mathews	4th	Vancouver, B.C.	Vancouver, B.C.
7944	" 20	Donald McDonald	1st U.K.	Sandbank, Argyle	Vancouver, B.C.
7945	Aug. 9	Reginald Gerrard	4th	Victoria, B.C.	Victoria, B.C.
7946	" 15	Hugh Karl Larsen	3rd	Victoria, B.C.	Victoria, B.C.
7947	" 15	Lars Larsen	3rd	Vancouver, B.C.	Vancouver, B.C.
7948	" 15	Edwin Jno. Witteridge	4th	Vancouver, B.C.	Vancouver, B.C.
7949	" 15	John Collins	3rd	Vancouver, B.C.	Vancouver, B.C.
7950	Sept. 5	George Sargent	4th	Victoria, B.C.	Victoria, B.C.
7951	" 8	Arnaud Fenwick Lovely	4th	Vancouver, B.C.	Victoria, B.C.
7952	" 13	Walter Dinsmore Barss	2nd	Guysboro, N.S.	Halifax, N.S.
7953	" 13	Clarence Roy Riley	4th	Hantsport, N.S.	Halifax, N.S.
6954	" 13	Jos. Solomon Ed. Ransom	3rd	Louisburg, N.S.	Halifax, N.S.
7955	" 13	Thos. Proudlock	3rd	Victoria, B.C.	Victoria, B.C.
7956	" 28	George Coull	4th	Edmonton, Alta.	Edmonton, Alta.
7957	"	William Sauvageau	4th	Champlain, P.Q.	Montreal, P.Q.
7958	" 28	Ernest Cliffrod Tetlock	3rd	Vancouver, B.C.	Vancouver, B.C.
7959	" 28	George Harris	4th	Vancouver, B.C.	Vancouver, B.C.
7960	" 28	Robert Smith	3rd	Vancouver, B.C.	Vancouver, B.C.
7961	" 28	Wm. Richard Duncan	4th	Vancouver, B.C.	Vancouver, B.C.
7962	Oct. 1	Budd Millidge Riley	4th	Hantsport, N.S.	Halifax, N.S.
7963	" 1	Chas. Ernest Fahie	4th	East Ship Harbour, N.S.	Halifax, N.S.
7964	" 1	Ulric Robidoux	4th	Yamaska, P.Q.	Montreal, P.Q.
7965	" 1	Jos. Romeo Hamelin	4th	Champlain, P.Q.	Montreal, P.Q.
7966	" 1	Gavin Williamson Noonan	4th	Pictou, N.S.	Halifax, N.S.

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TABLE VIII—*Continued.*—TABLEAU VIII—*Suite.*

No. of Certificate. — Nos. des certificats.	Date of Certificate. — Date des Certificats.	Name. — Noms.	Class. — Classes.	Address. — Adresses.	Place of Examination. — Localité où l'examen a été passé.
	1917.				
7967	Oct. 11	Henry Bowser Haswell	4th	N. Vancouver, B.C.	Victoria, B.C.
7968	" 11	Henry Dent Scaling	4th	Sannich, B.C.	Victoria, B.C.
7969	" 13	John Boner	4th	Vancouver, B.C.	Vancouver, B.C.
7970	" 13	Fortunat Mailhot	3rd	Montreal, P.Q.	Montreal, P.Q.
7971	" 13	Thos. Henry Rankin	2nd	Victoria, B.C.	Victoria, B.C.
7972	" 13	Fred Samuel Colwell	4th	St. John, N.B.	St. John, N.B.
7973	" 20	Jos. John Raoul Lafleur	th4	Montreal, P.Q.	Montreal, P.Q.
7974	" 20	Arthur Goulet	4th	Lanoraie, P.Q.	Montreal, P.Q.
7975	" 22	Alexander Nantais	4th	Windsor, Ont.	Windsor, Ont.
7976	" 30	Nelson George Sladden	4th	Victoria, B.C.	Victoria, B.C.
7977	" 30	Ujiro Moriyama	4th	Victoria, B.C.	Victoria, B.C.
7978	" 30	Ralph Cecil Pitt	4th	St. John, N.B.	Quebec, P.Q.
7979	Nov. 7	Thos. McInerney Anderson	3rd	Mulgrave, N.S.	Halifax, N.S.
7980	" 7	Thos. Henry Angell	2nd	Montreal, P.Q.	Montreal, P.Q.
7981	" 15	Wm. Frank Merrick	4th	Vancouver, B.C.	Vancouver, B.C.
7982	" 15	Daniel Wm. Matheson	4th	New Westminster	Vancouver, B.C.
7983	" 15	Harvey Rowland Howe	4th	Victoria, B.C.	Victoria, B.C.
7984	" 15	James Brice	3rd	Vancouver, B.C.	Victoria, BC.
7985	" 15	Hugh Patrick Troland	2nd	Prince Rupert, B.C.	Prince Rupert.
7986	" 15	Eric Geo. Philip Hopkins	2nd	Hopkins Landing, B.C.	Vancouver, B.C.
7987	" 16	John Thos. Mather	3rd	Halifax, N.S.	Halifax, N.S.
7988	" 16	John Fraser	4th	Vancouver, B.C.	Vancouver, B.C.
7989	" 20	Robt. Lindsay Campbell	1st U.K.	Higher Broughton Manchester, Eng.	Halifax, N.S.
7990	" 23	Wm. David McCann	4th	Montreal, P.Q.	Montreal, P.Q.
7991	" 23	Philip Alexander Watson	3rd	Patrol Vessel 4 H.M. Dockyard	Halifax, N.S.
7992	" 23	Harold Bedford Eastwood	1st U.K.	New Glasgow, N.S.	Halifax, N.S.
7993	" 23	Adelme Bernard	4th	Carleton, P.Q.	Quebec, P.Q.
7994	" 23	George Scott Brown	3rd	St. John, N.B.	St. John, N.B.
7995	" 23	Joseph Louis Gauthier	4th	Montreal, P.Q.	Montreal, P.Q.
7996	" 29	Thos. Edward Kennedy	4th	Ft. William, Ont.	Pt. Arthur, Ont.
7997	Dec. 6	Wilfried Laurie Crowley	4th	Pictou, N.S.	Halifax, N.S.
7998	" 10	Jno. Austin McKenzie	2nd	St. John, N.B.	St. John, N.B.
7999	" 13	Matt. Gladstone Jemsen	4th	Nanaimo, B.C.	Vancouver, B.C.
8000	" 14	Albert Gouin	4th	Champlain, P.Q.	Montreal, P.Q.
8001	" 14	Alfred Geo. Henry Mattinson	4th	S. Vancouver, B.C.	Vancouver, B.C.
8002	" 14	Harve, Johnston	4th	Montreal, P.Q.	Montreal, P.Q.
8003	" 19	Albert Morinville	3rd	Ste. Anne de Bellevue, P.Q.	Montreal, P.Q.
8004	" 21	Herbert Elsley Russell Brittain	4th	Toronto, Ont.	Toronto, Ont.
8005	" 21	Mathias Jno. LaChapelle	4th	Midland, Ont.	Toronto, Ont.
8006	" 21	Ernest Alf. Sauvageau	4th	Champlain, P.Q.	Montreal, P.Q.
8007	" 21	Alphonse Beaudoin	4th	Sorel, P.Q.	Sorel, P.Q.
8008	" 22	Thos. Fugere	3rd	Champlain, P.Q.	Montreal, P.Q.
8009	" 22	David Geo. Donovan	3rd	Brockville, Ont.	Kingston, Ont.
8010	" 22	Louis Morinville	4th	Champlain, P.Q.	Sorel, P.Q.
	1918				
8011	Jan. 9	Philippe Tavara	4th	Bienville, P.Q.	Sorel, P.Q.
8012	" 9	Onesime Carignan	4th	Champlain, P.Q.	Sorel, P.Q.
8013	" 9	Gregoire Brabant	3rd	Cascades Pt.	Montreal, P.Q.
8014	" 9	Ernest Legrand	4th	St. Joseph de Levis, P.Q.	Quebec, P.Q.
8015	" 9	Jno. Wm. Wearmouth	4th	Victoria, B.C.	Victoria, B.C.
8016	" 11	Sinai Geo. Brown Reid	4th	Toronto, Ont.	Toronto, Ont.
8017	" 12	Peter Jos. Rouleau	3rd	Mattawa, Ont.	Montreal, P.Q.
8018	" 12	Wm. Dennis	3rd	Victoria, B.C.	Victoria, B.C.
8019	" 12	Thos. Salmon	4th	Victoria, B.C.	Victoria, B.C.
8020	" 12	Henry Parker	4th	Victoria, B.C.	Victoria, B.C.
8021	" 15	Adelard Lesperance	4th	Sorel, P.Q.	Sorel, P.Q.
8022	" 16	Jos. Alex. Snyder	4th	Sandwich, Ont.	Toronto, Ont.
8023	" 16	Henri Lemieux	4th	Maisonneuve	Montreal, P.Q.
8024	" 16	Thos. Hebert	4th	Champlain, P.Q.	Montreal, P.Q.
8025	" 17	Thos. Edward Hurl	2nd	Midland, Ont.	Toronto, Ont.
8026	" 17	Alexandre Godin	4th	Ile St. Ignace de Loyola, P.Q.	Sorel, P.Q.
8027	" 17	Alexander Davies	4th	Vancouver, B.C.	Vancouver, B.C.
8028	" 17	Jno. Robt. Muir	3rd	Goderich, Ont.	Toronto, Ont.
8029	" 17	Oliver Sherberg	4th	Vancouver, B.C.	Vancouver, B.C.
8030	" 17	Ernest Jno. Nicholls	4th	Okanagan Falls	Victoria, B.C.
8031	" 25	Barthelemi Bouret	4th	St. Antoine, P.Q.	Montreal, P.Q.
8032	" 26	Jno. Raymond Martell	4th	Louisburg, N.S.	Halifax, N.S.
8033	" 26	Francis Laroche	4th	St. Croix, P.Q.	Quebec, P.Q.
8034	" 26	Sinclair Munro McDougall	2nd	Victoria, B.C.	Victoria, B.C.
8035	Feb. 4	Robt. Edward Pilsworth	3rd	Toronto, Ont.	Toronto, Ont.

TABLE VIII—*Concluded.*—TABLEAU VIII—*Fin.*

No. of Certificate. — Nos des certificats.	Date of Certificate. — Date des Certificats.	Name. — Noms.	Class. — Classes.	Address. — Adresses.	Place of Examination. — Localité où l'examen a été passé.
	1918.				
8036	Feb. 4	Louis Kaufman Malcolm	4th	Toronto, Ont.	Toronto, Ont.
8037	" 14	Frank Cameron Lancaster	2nd	Sarnia, Ont.	Toronto, Ont.
8038	" 15	Isban Allen Clark	4th	Little Current	Toronto, Ont.
8039	" 15	Harry Myers	4th	Morrisburg, Ont.	Kingston, Ont.
8040	" 16	Jonathan Vipond	4th	Victoria, B.C.	Victoria, B.C.
8041	" 16	Bernardin Daigle	2nd	Montreal, P.Q.	Montreal, P.Q.
8042	" 16	Albert Theriault	1st	Montreal, P.Q.	Montreal, P.Q.
8043	" 16	Albert Bibeau	4th	Montreal, P.Q.	Montreal, P.Q.
8044	" 22	Frank Tousignant	4th	Kingston, Ont.	Kingston, Ont.
8045	" 22	Ernest Desnoyer	4th	Sorel, P.Q.	Sorel, P.Q.
8046	" 22	Percy Roy Davis	3rd	St. John, N.B.	St. John, N.B.
8047	" 22	Herbert Chas. Small	4th	Grand Manan, N.B.	St. John, N.B.
8048	" 22	Wm. Leslie Hurder	2nd	St. John, N.B.	St. John, N.B.
8049	" 22	Wm. Jno. Seigman	4th	Hanover, Ont.	Collingwood.
8050	" 22	Jas. Wm. Durran	4th	Prince Rupert	Prince Rupert, B.C.
8051	" 22	Art. Byron Flewelling	3rd	St. John, N.B.	St. John, N.B.
8052	" 22	Peter Jno. Brimacombe	4th	Pelee Isd., Ont.	Toronto, Ont.
8053	" 22	George Baker	2nd	Montreal, P.Q.	Montreal, P.Q.
8054	" 22	Thos. Fred Dunstan	3rd	Dartmouth, N.S.	Halifax, N.S.
8055	" 22	Wallace Earl Springer	3rd	St. John, N.B.	Halifax, N.S.
8056	" 22	Leon Slavail	3rd	Sorel, P.Q.	Sorel, P.Q.
8057	" 22	Elphege Lanneville	3rd	Sorel, P.Q.	Sorel, P.Q.
8058	" 22	Michael Jos. O'Brien	3rd	Elgin, Ont.	Kingston, Ont.
8058	" 22	Henry Cossette	4th	Champlain, P.Q.	Montreal, P.Q.
8060	" 22	Andrew Hastings	4th	Toronto, Ont.	Toronto, Ont.
8061	" 22	Joseph Hastings	4th	Wiarton, Ont.	Toronto, Ont.
8062	" 22	Jas. Henry Croucher	4th	Bracebridge, Ont.	Toronto, Ont.
8063	" 22	Henri Fugere	3rd	Maisonneuve	Montreal, P.Q.
8064	March 8	John Burns	3rd	Soutl Ste. Marie	Sault Ste. Marie, Ont.
8065	" 8	Chas. Ethel Harrison	3rd	Sault Ste. Marue	Sault Ste. Marie.
8066	" 8	Rokuichi Maiyoko	3rd	Victoria, B.C.	Victoria, B.C.
8067	" 8	Tomejiro Naka	4th	Victoria, B.C.	Victoria, B.C.
8068	" 8	Henry Jarvis Harper	4th	Vancouver, B.C.	Vancouver, B.C.
8069	" 8	Alexander Hay	4th	Toronto, Ont.	Toronto, Ont.
8070	" 9	Robin Aitken	1st U.K.	Bermuda	Montreal, P.Q.
8071	" 9	Michael Convey	4th	Quebec, P.Q.	Quebec, P.Q.
8072	" 9	Wellington Selby Evans	3rd	Vancouver, B.C.	Vancouver, B.C.
8073	" 9	Jos. Razeau, Jr	4th	Portage du Fort	Montreal, P.Q.
8074	" 9	Thos. Hawley Smith	4th	Parrsboro, N.S.	Halifax, N.S.
8075	" 9	Orin DeBrize Milbery	3rd	Advocate Harbour	Halifax, N.S.
8076	" 9	Geo. Alex. Russell	3rd	Pt. Arthur, Ont.	Pt. Arthur, Ont.
8077	" 9	Michael Manner	2nd	Kingston, Ont.	Kingston, Ont.
8078	" 9	Auguste Lecompte, Jr.	3rd	Valleyfield, P.Q.	Montreal, P.Q.
8079	" 9	Frederick Slater	2nd U.K.	Vancouver, B.C.	Vancouver, B.C.
8080	" 9	Wm. Maxwell Saunders	2nd U.K.	H.M.C.S. *Niobe*	Halifax, N.S.
8081	" 9	Alfred Cote	2nd	Montreal, P.Q.	Montreal, P.Q.
8082	" 11	Louis Hnore Filteau	4th	Levis, P.Q.	Quebec, P.Q.
8083	" 27	Howard McDonald	4th	Pictou, N.S.	Halifax, N.S.
8084	" 9	Henri Fugere	4th	Montreal, P.Q.	Montreal, P.Q.
8085	" 9	Leo Puis LeBlanc	4th	Candlebuck Isd.	Halifax, N.S.
8086	" 9	Dugald McColl	4th	Belfast, P.E.I.	Halifax, N.S.
8087	" 9	Abel Guibeau	4th	Montreal, P.Q.	Montreal, P.Q.
8088	" 9	David Henry Lowry	4th	Victoria, B.C.	Victoria, B.C.
8089	" 9	Arthur Weeks	4th	Vernon, B.C.	Victoria, B.C.
8090	" 9	Harold Jas. Pendergast	3rd	Cornwall, Ont.	Kingston, Ont.
8091	" 9	Joseph Denis	3rd	Coteau du Lac	Montreal, P.Q.
8092	" 27	Robt. Averill	3rd	Vancouver, B.C.	Vancouver, B.C.
8093	" 27	Edmond Sinclair Knarston	2nd U.K.	Victoria, B.C.	Victoria, B.C.

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TABLE IX.—List of Certificates granted to Engineers of steamboats during the Fiscal Year ended March 31, 1918.

TEMPORARY CERTIFICATES.

TABLEAU IX.—Liste des certificats accordés aux mécaniciens de bateaux à vapeur durant l'exercice financier terminé le 31 mars 1918.

CERTIFICATS TEMPORAIRES.

No. of Certificate. — Nos des certificats.	Date of Certificate.. — Dates des certificats.	Name. — Noms.	Address. — Adresses.	Place of Examination. — Localité où l'examen a été passé.
	1917.			
601	April 2	Albert Edgar Brown	Joyce, B.C.	Vancouver, B.C.
602	" 4	William Harry Taylor	North Vancouver	Vancouver, B.C.
603	" 30	John Porter	Kelowna, B.C.	Victoria, B.C.
604	" 30	Walter McMillan Lambert	Gravenhurst, Ont.	Toronto, Ont.
605	May 2	Theophile Vaillancourt	Fort Coulonge, P.Q.	Ottawa, Ont.
606	" 2	Archibald Brower Gesner	Granville Ferry	Halifax, N.S.
607	" 4	Earl George Ramsey	Vancouver, B.C.	Vancouver, B.C.
608	" 4	James Harold Massey	Vancouver, B.C.	Vancouver, B.C.
609	" 4	Frank Gaudreau	Kenora, Ont.	Kenora, Ont.
610	" 15	Joseph Albert Seguin	Carillon, P.Q.	Montreal, P.Q.
611	" 16	Stanley Cross	Gananoque, Ont.	Kingston, Ont.
612	" 19	Pierce Power	Fort Louisburg, N.S.	Halifax, N.S.
613	" 21	Wilson Smith	Picton, Ont.	Kingston, Ont.
614	" 21	Bert Campsall	Ottawa, Ont.	Ottawa, Ont.
615	" 26	William Brothsreton	Peterboro, Ont.	Kingston, Ont.
616	" 26	Thomas A. Payne	Warsaw, Ont.	Kingston, Ont.
617	" 29	Wm. Joseph Mark	Amherstburg, Ont.	Toronto, Ont.
618	June 14	James H. Laird	Bristol, P.Q.	Sand Point, P.Q.
619	" 14	Wm. George Murray	S. Portage, Lake of Bays, Ont.	Huntsville, Ont.
620	" 14	Newton Kirby Wagg	Midland, Ont.	Midland, Ont.
621	" 14	Andrew Davie	Ponce Coupe, B.C.	Peace River Crossing.
622	" 14	Angus McLean	Quyon, P.Q.	Quyon, P.Q.
623	" 14	Frederick M. Young	Young's Point, Ont.	Kingston, Ont.
624	" 14	Chesley Dewitt Colwell	St. John, N.B.	St. John, N.B.
625	" 14	Albert Shaw Ward	Napanee, Ont.	Belleville, Ont.
626	" 14	Egide Girard	St. Fulgence, P.Q.	Chicoutimi, P.Q.
627	" 16	Daniel McKenzie	Pictou, N.S.	Halifax, N.S.
628	" 16	Frederick Herbert Pitt	St. John, N.B.	St. John, N.B.
629	" 18	Wm. George Gratley	Lockeport, N.S.	Halifax, N.S.
630	" 23	William Heintz	Kitchener, Ont.	Gravenhurst, Ont.
631	" 26	Hoomes Kemper Freeman	Prince Rupert, B.C.	Prince Rupert, B.C.
632	" 26	Walter Henry Clement	New Westminster, B.C.	Prince Rupert, B.C.
633	" 26	Reginald Lloyd Newcomb	Prince Rupert, B.C.	Prince Rupert, B.C.
634	" 26	Arthur Neyle Edwards	Vancouver, B.C.	Prince Rupert, B.C.
635	" 26	John Alexander MacKenzie	Gravenhurst, Ont.	Toronto, Ont.
636	" 26	George Thos. Stanton	Port Stanton, Ont.	Toronto, Ont.
637	July 3	Robt. Anderson Robertson	Baysville, Ont.	Birkendale, Ont.
638	" 3	Ernest Price Rochester	Vancouver, B.C.	Vancouver, B.C.
639	" 7	Andrew Brotherston	Peterboro, Ont.	Kingston, Ont.
640	" 7	Andrew Lajeunesse	Peterboro, Ont.	Petrrboro, Ont.
641	" 7	John A. Harris	Gore Landing, Ont.	Peterboro, Ont.
652	" 7	John James Coones	Bridgenorth, Ont.	Kingston, Ont.
643	" 7	Roderick Jas. McLennan	Fort Chipewyan, Alta.	Fort Chipewyan, Alta.
644	" 7	Edward Henry Fowel	Hamilton, Ont.	Hamilton, Ont.
645	" 12	Frederick Richard Jancouski	Nanaimo, B.C.	Nanaimo, B.C.
646	" 12	Jacob Allen Kennedy	Burk Falls, Ont.	Toronto, Ont.
647	" 12	Archibald Ennest	Lake of Bays, Ont.	Lake of Bays, Ont.
648	" 13	Alexander Northcott	Sydney, N.S.	Halifax, N.S.
649	" 16	Harold Nystedt	Lac du Bonnet, Man.	Port Arthur, Oat.
650	" 17	Chester Roy Stone	Port Alberni, B.C.	Victoria, B.C.
651	" 20	David Thomas Hall	Arrowhead, B.C.	Victoria, B.C.
652	" 23	Frank W. Pitt	Reeds Point, N.B.	St. John, N.B.
653	" 27	David Pitceathly	Fenelon, Oalls, Ont.	Kingston, Ont.
654	" 27	Benjamin Windsor	Sturgeon Falls, Ont.	Sturgeon Falls, Ont.
655	" 30	Chas. Layton Dupont Sims	Little Current, Ont.	Manitowaning, Ont.
656	" 30	Harold Alfred Jones	Vancouver, B.C.	Vancouver, B.C.
657	Aug. 9	Joseph Cloutier	Timmins, Ont.	Timmins, Ont.
658	" 9	Robert William Pyne	Vancouver, B.C.	Vancouver, B.C.
659	" 9	Harold Mooring	Atlin, B.C.	Atlin, B.C.
660	" 9	Adoni Paddock Pitt	Reeds Point, N.B.	Gondola Point, N.B.
661	" 15	Archie Rattray	Cross Pointe, P.Q.	Cross Pointe, P.Q.
662	" 16	Charles Lemay	Grandes Piles, P.Q.	Grandes Piles, P.Q.
663	" 16	J. Ernest Desjardins	Richelieu River, P.Q.	Sorel, P.Q.
664	" 16	William Collins	Sturgeon Falls, Ont.	Sturgeon Falls, Ont.
665	" 20	John Draper	St. John, N.B.	St. John, N.B.

TABLE IX—*Concluded.*—TABLEAU IX—*Fin.*

No. of Certificate. — Nos des certificats.	Date of Certificate. — Dates des certificats.	Name. — Noms.	Address. — Adresses.	Place of Examination. — Localité où l'examen a été passé.
	1917.			
666	Aug. 25	Henry Carr Cartmell	New Westminster, B.C.	Vancouver, B.C.
667	" 28	Osias Payette	Buckingham, P.Q.	Buckingham, P.Q.
668	" 28	Daniel Landry	Point Aconia, C.B.	Halifax, N.S.
669	" 28	Joseph Ranger	Greeces Point, P.Q.	Calumet, P.Q.
670	" 29	Dieudonne Laflamme	Masson, P.Q.	Calumet, P.Q.
671	" 29	Treffle Bougie	Valleyfield, P.Q.	Valleyfield, P.Q.
672	" 31	Adelbert Rogers	Yarmouth, N.S.	Halifax, N.S.
673	Sept. 4	Meartin, Mearvel Jeaston	Point aux Baril, P.Q.	Toronto, Ont.
674	" 8	Alexander Baker	Liverpool, N.S.	Halifax, N.S.
675	" 8	Regis John Kelly	Kippawa, P.Q.	Turtle Portage, Ont.
676	" 10	Robert Ambrose Phillips	Mira Gut, C.B.	Halifax, N.S.
677	" 10	John Alfred Swanson	Prince Rupert, B.C.	Prince Rupert, B.C.
678	" 10	Emery Dearduff	Prince George, B.C.	Prince Rupert, B.C.
679	" 19	Joseph Matte	Lac St. Jean, P.Q.	Roberval, P.Q.
680	" 29	David Leroy Stover	Low Bush, Ont.	Low Bush, Ont.
681	Oct. 9	Walter Archibald Dods	Victoria, B.C.	Victoria, B.C.
682	" 22	Frank Krafve	Barrington Passage	Halifax, N.S.
683	" 22	Gordon Fader	Parrsboro, N.S.	Halifax, N.S.
684	" 22	Charles Alfred Warry	Charlottetown, P.E.I.	Summerside, P.E.I.
685	" 22	Alfred Sirois	Trois Pistoles, P.Q.	Trois Pistoles, P.Q.
686	" 22	Hilljeard F. Carefoot	The Pas, Man.	The Pas, Man.
687	" 22	Albert Mouldey	Mission City, B.C.	Mission City, B.C.
688	" 30	Thomas Gagnon, Jr.	Ste. Anne de Chicoutimi	Chicoutimi, P.Q.
689	" 30	Thomas Gagnon, Sr.	Ste. Anne de Chicoutimi	Chicoutimi, P.Q.
690	Nov. 2	Harry Lawson Thompson	West Vancouver, B.C.	Vancouver, B.C.
691	" 5	Thomas Sherman Howe	Victoria, B.C.	Victoria, B.C.
692	" 13	John Boudreault	Newport, P.E.I.	Georgetown, P.E.I.
693	" 15	James Joseph Leonard	St. John, N.B.	St. John, N.B.
694	" 22	Peter Brow	Lake Megantic, P.Q.	Lake Megantic, P.Q.
695	Dec. 6	Ernest Eldon Cameron	Halifax, N.S.	Halifax, N.S.
696	" 15	John Cairns	Smiths Falls, Ont.	Smiths Falls, Ont.
697	" 19	Frederick Lavery	Prescott, Ont.	Prescott, Ont.
	1918.			
698	Jan. 10	Thos. Robt. McLay	Nanaimo, B.C.	Victoria, B.C.
699	" 14	Gordon Fader	Halifax, N.S.	Halifax, N.S.
700	" 28	Herbert Goodwin	Yarmouth, N.S.	Halifax, N.S.
701	Feb. 22	Wm. Ambrose Walton	Loring, Ont.	Magnetawan, Ont.
702	Mar. 4	John Grant	Natsqui., B.C.	Vancouver, B.C.
703	" 27	John Chas. Bowden	Ocean Falls, B.C.	Vancouver, B.C.

REPORT

OF THE

POSTMASTER GENERAL

FOR THE

YEAR ENDED MARCH 31

1918

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
J. de LABROQUERIE TACHÉ
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1919

To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc., etc., Governor General and Commander in Chief of the Dominion of Canada.

May it Please Your Excellency:

I have the honour to forward to Your Excellency the accompanying report of the Post Office Department of the Dominion of Canada, for the year ended March 31, 1918, which is respectfully submitted.

I have the honour to be, sir,

Your Excellency's most obedient servant,

P. E. BLONDIN,
Postmaster General.

Post Office Department,
Ottawa, November 21, 1918.

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REPORT

OF THE

DEPUTY POSTMASTER GENERAL

1917-1918.

POST OFFICE DEPARTMENT,
OTTAWA, November 21, 1918.

To the Honourable
PIERRE EDOUARD BLONDIN,
Postmaster General of Canada.

In submitting the following report for the year ended March 31, 1918, I have the honour to remark that although the business of the department did not show a marked growth in any particular branch during that period, the progress throughout was entirely normal and satisfactory.

There were 12,622 post offices in operation in Canada on March 31, 1918, new offices to the number of 216 having been opened during the year. The number of offices closed was 366, the reason for closing in nearly every case having been that the post office was rendered unnecessary owing to the establishment of rural mail delivery routes.

There were 88 additional rural mail delivery routes established during the year, and the number of boxes increased by 8,065.

The total number of rural mail delivery routes in operation on March 31, 1918, was 3,674, and the total number of boxes served was 173,150.

The number of post offices transacting money order business was 4,930, an increase of 120 over the previous year; and the number transacting savings bank business was 1,318, an increase of 6.

The amount of money withdrawn from Post Office Savings Bank accounts, and the number of accounts closed, were greater than in the previous year while a smaller number of new accounts were opened. This is believed to have been due to the fact that the money was used for the purchase of Victory bonds.

The number of accounts remaining open on March 31, 1918, was 125,735, and the balance at the credit of depositors was $41,283,478.84.

On the recommendation of the Editorial Committee on Governmental Printing, it was decided to omit from this report a considerable portion of the statements hitherto published, showing in detail the business of each separate branch of the department, and to substitute therefor the summarized statements which will be found in the following pages.

I have the honour to be, sir,

Your obedient servant,

R. M. COULTER,
Deputy Postmaster General.

GENERAL FINANCIAL STATEMENT.

The net revenue for the year amounted to $21,345,394.45 and the expenditure to $18,046,557.90, increases of $443,010.02 and $1,745,979.25, respectively. The surplus of revenue over expenditure for the year was $3,298,836.55.

The abnormal increase in the expenditure as compared with the last three years was due to the special increases of salary paid to post office employees in the outside service who are paid on the Civil Service basis—that is the postmasters and staffs of city offices, post office inspectors and staffs and employees in the railway mail service, to meet the high cost of living arising out of war conditions. Out of the total increase of $1,745,979.25 in the expenditure, salary increases amounted to $1,301,769.75. The salaries of the employees who are paid from parliamentary appropriations are published in detail in the Auditor General's Report (Part S).

The city post offices above referred to are as follows: Brandon, Brantford, Calgary, Charlottetown, Edmonton, Fredericton, Guelph, Halifax, Hamilton, Kingston, Kitchener, London, Montreal, Moosejaw, New Westminster, Ottawa, Peterboro', Quebec, Regina, St. John, Saskatoon, Sherbrooke, Toronto, Vancouver, Victoria, Windsor, Winnipeg.

In addition to the above, letter carrier service was in operation at the following cities or towns: Amherst, Belleville, Brockville, Chatham, Fort William, Galt, Hull, Lethbridge, Medicine Hat, Moncton, Niagara Falls, Owen Sound, Port Arthur, Prince Albert, St. Catharines, St. Hyacinthe, St. Thomas, Sarnia, Shawenegan Falls, Stratford, Strathcona, Sydney, Sault Ste. Marie, Trois Rivières.

All letter carriers are paid on the Civil Service basis, irrespective of the standing of the office to which they are attached.

The following statements show in detail the revenue and expenditure for the year:—

REVENUE.

Balance due by postmasters on Revenue Account on March 31, 1917	$ 27,161 61
Postage stamps, post cards, etc., sold	23,681,229 82
Postage paid in cash on newspapers	291,539 21
Postage paid in cash on third-class (printed matter)	515,772 55
Rents of letter boxes and drawers	200,054 06
Commission received on Money Orders	891,822 71
Commission received on Postal Notes	134,516 45
Profit in Exchange on British Postal Order business	528 01
Commission received from the United Kingdom on Postal Order business	952 28
Transit charges on correspondence from other countries	664,064 80
Postage on parcels from other countries	330,647 50
Void Money Orders, that is Money Orders issued between January 1 and December 31, 1916, payment of which had not been claimed up to December 31, 1917	53,032 58
Collections for Rural Mail boxes	36,603 00
Miscellaneous Revenue	19,280 67
	$ 26,847,205 25

DEDUCTIONS.

Salaries, forward allowances, allowances toward rent, fuel and light, compensation on Money Order and Postal Note business and commission on box and drawer rents	$ 4,246,735 58	
Discount to stamp vendors and Postmasters and compensation to messengers for special delivery of letters	169,374 90	
Losses by fire, burglary, etc	9,102 43	
Balance of commission paid to other countries on Money Order business	40,587 98	
Loss in Exchange on Money Order business with other countries	60,788 75	
Transit charges on correspondence to other countries	116,687 51	
Postage on parcels to other countries	831,372 01	
Balance due by Postmasters on revenue account on March 31, 1918	27,161 61	
		5,501,810 77
		$ 21,345,394 48

EXPENDITURE.

Paid by Cheque from Parliamentary Appropriation.

Conveyance of Mails by land	$	4,468,191 15
" railways		3,487,590 37
" steamboats		174,249 92
Making and repairing mail bags, locks, etc		163,483 80
Total Mail Service expenditure	$	8,293,515 24
Salaries paid by cheque		8,784,512 42
Travelling expenses		36,539 57
Manufacturing postage stamps, etc		149,585 43
Stationery, printing and advertising		337,942 41
Miscellaneous disbursements		267,078 47
Maintenance of the service in the Yukon District		177,384 36
Total	$	18,046,557 90

Regarding the item of $4,246,735.58 shown in the statement above as a deduction from the revenue, it may be explained that this amount is the salaries and allowances paid to postmasters at country offices and at the larger offices that have not been placed on the city post office basis. These postmasters are allowed a percentage of their postal revenue according to the following scale, which went into effect from April 1, 1917, for offices where the revenue does not exceed $10,000, viz.:—

50 per cent on the revenue up to $1,000.
25 per cent " from $1,000 to $10,000.
A minimum salary of $60 for offices having a revenue less than $120.

Postmasters whose revenue exceeds $10,000 a year are paid according to the following scale, which went into effect on April 1, 1915:—

40 per cent on the postal revenue up to $800.
25 " from $800 to $10,000.
15 " on all revenue over $10,000.

In addition to these percentages on their revenues, postmasters are paid an allowance for making up and forwarding mails received from other offices equivalent to 10 per cent of the revenue of the dependent offices. A night allowance varying from $10 to $100 is also granted postmasters who are required to keep their offices open after 9 p.m. or to open them before 7 a.m. The allowance depends on the time occupied and the amount of work done.

Postmasters whose offices are not located in government buildings or premises leased by the Government are paid a rent allowance, when the revenue exceeds $100 a year. The minimum rent allowance is $6.00 for offices having from $100 to $200 revenue, and the allowance is increased by a graduated scale according to the revenue.

For the transaction of money order business, postmasters who are paid on the commission basis are allowed 4 cents for each money order issued, and 1 cent for each order paid. One cent is allowed for each postal note sold, but nothing for the payment of postal notes. At offices where Savings Bank business is transacted the postmaster is allowed 27½ cents on each $100 deposited.

No commissions are paid to postmasters of city offices, whose salaries are fixed by statute.

Postal Notes.—During the year, 6,207,793 postal notes amounting in value to $12,535,579.19 were paid—increases over the previous year of 28,286 in the number and $591,719.75 in the value. The revenue derived from the sale of postal notes amounted to $196,594.38.

British postal orders are paid at the city offices in Canada. The number paid in 1917-18 was 67,846, and the value amounted to $204,382.37 in Canadian currency. These figures show a decrease as compared with the previous year of 5,006 in the number and $12,202.73 in the value.

A statement showing the gross postal revenue of each accounting and non-accounting post office in the Dominion will be found at the end of this report.

MONEY ORDER TRANSACTIONS.

The number of money order offices in operation on March 31, 1918, was 4,930, an increase of 120 over the previous year.

The total number of orders issued during the year was 9,919,665, as against 8,698,502 for the previous year. The aggregate value was $142,959,167.54, as against $119,695,535.27 for the previous year.

8,011,523 of the orders issued during the year with a value of $116,764,491.11 were payable in the Dominion of Canada.

1,908,142, with a value of $26,194,676.43, were payable abroad.

The number of orders issued abroad and payable in Canada was 668,990, with an aggregate value of $9,385,627.24.

The number of orders issued in Canada on the United States was 1,070,935 and the value $15,741,314.28.

The number of orders issued in the United States on Canada was 562,558, and the value $7,591,506.43.

The following statement shows the number and value of Canadian money orders and postal notes paid in the United States:—

	Number Year 1917.	Amount Year 1917.	Number Year 1918.	Amount Year 1918.
Money Orders	908,512	$12,838,222 11	1,070,935	$15,741,314 28
Postal Notes	590,407	983,394 79	594,480	1,090,613 90
	1,498,919	$13,821,616 90	1,665,415	$16,831,928 18

The average value of money orders issued during the year was $14.41, and the average commission received from the public was 8·990 cents.

The total receipts from all sources amounted to $944,855.29, and the total expenditure, including the salaries of the inside service at Ottawa, to $924,301.65, leaving an excess of receipts over expenditure of $20,553.64.

The following statement shows the receipts and expenditure for the year ended March 31, 1918:—

RECEIPTS.

Commission from public		$ 891,822 71
Profit in exchange with other countries		Nil
Void Money Orders issued between 1st January, 1916 and 31st December, 1916		53,032 58
		$ 944,855 29

EXPENDITURE.

Ottawa Money Order Exchange Office:—		
Permanent clerks	$ 119,045 76	
Temporary clerks	8,256 94	
Christmas helpers	1,344 25	
		128,646 95
Approximate cost of clerical force employed at Money Order duties in city offices		125,000 00
Commission paid to postmasters at country offices		344,209 72
Balance of commission paid other countries		40,587 98
Printing and stationery for head office		4,468 78
Loss in exchange with other countries		60,788 75
Financial papers and journals		15 00
Printing, stationery, date stamps, etc., outside service		* 59,547 41
		$ 763,264 59
Excess of receipts over expenditure		$ 181,590 70
Deducting civil government item for salaries at head office, Ottawa:—		
Permanent clerks	$ 153,148 92	
Temporary clerks	7,888 14	
		161,037 06
Net revenue		$ 20,553 64

*The large increase shown by this item, as compared with 1916-1917, was mainly caused by the advance in cost of paper and printing. Owing to this and increased demand, Books of blank Money Orders and Advices cost $11,000 more than in the previous year.

SESSIONAL PAPER No. 24

Analysis of the Money Order Business of the Dominion of Canada for the year ended March 31, 1918.

	Number of Orders.	Amount.	Total.
		$ cts.	$ cts.
Total number and amount of Money Orders issued in—			
Ontario	3,136,558	40,576,600 80	
Quebec	1,110,542	15,669,297 73	
Nova Scotia	539,671	7,877,906 54	
New Brunswick	264,547	3,996,863 19	
Prince Edward Island	43,806	684,849 23	
Manitoba	867,968	11,869,795 74	
Saskatchewan	1,938,431	31,964,230 67	
Alberta	1,259,922	18,399,045 76	
British Columbia	748,746	11,671,635 48	
Yukon	9,474	248,942 40	
Total number and amount of Money Orders issued	9,919,665	142,959,167 54	
Total number and amount of Money Orders paid in—			
Ontario	2,595,537	40,013,726 83	
Quebec	1,232,482	16,761,172 67	
Nova Scotia	235,606	4,432,929 15	
New Brunswick	138,946	2,576,596 96	
Prince Edward Island	31,999	617,456 23	
Manitoba	1,936,761	31,430,518 63	
Saskatchewan	1,025,124	15,399,241 84	
Alberta	355,988	7,420,506 55	
British Columbia	370,261	6,587,919 66	
Yukon	1,028	27,782 07	
Total number and amount of Money Orders paid	7,923,732	125,267,850 59	
Total amount of Money Orders issued and paid			268,227,018 13

EXCHANGE of Money Orders between Dominion of Canada and other Countries for the Years 1916-1917 and 1917-1918 was as follows:—

Name of Country.	Issued in Canada.				Payable in Canada.			
	Number, 1917.	Number, 1918.	Amount, 1917.	Amount, 1918.	Number, 1917.	Number, 1918.	Amount, 1917.	Amount, 1918.
			$ cts.	$ cts.			$ cts.	$ cts.
Austria*								
Bahamas	131	123	1,472 99	1,421 51	53	67	318 89	395 73
Barbados	2,672	3,521	34,277 17	49,973 49	169	224	3,510 15	2,700 08
Belgium*								
Bermuda	515	452	6,878 36	10,157 41	963	688	12,516 34	6,042 16
British Guiana	409	422	4,183 74	4,318 45	153	192	1,482 20	1,785 07
Denmark	837	842	17,400 00	15,777 83	136	124	3,864 13	4,995 06
Fiji	30	11	616 97	155 79	12	18	345 45	404 30
France	20,448	18,083	171,312 67	173,718 17	2,798	2,227	89,608 84	44,893 73
Germany*								
Grenada	158	194	1,643 24	3,200 07	50	30	1,215 58	1,205 14
Holland	1,375	1,718	17,331 20	23,744 11	334	260	3,040 03	2,659 35
Hong Kong	935	989	20,314 99	24,729 23	103	139	745 38	1,675 82
Hungary*								
Italy	22,738	27,536	752,060 88	1,216,715 11	51	28	5,532 53	420 00
Jamaica	1,034	1,667	11,751 46	20,841 27	115	113	2,086 03	1,613 35
Japan	22,101	28,888	888,963 73	1,482,608 55	429	410	10,781 07	10,373 28
Leeward Islands	788	707	7,920 61	6,026 83	81	114	902 79	1,244 20
Mexico†								
Newfoundland	12,864	13,796	268,071 36	361,947 71	14,677	17,744	126,010 10	157,544 77
New South Wales	807	836	12,160 07	15,569 59	1,391	1,237	22,281 01	19,512 03
New Zealand	801	745	14,199 01	13,827 46	1,605	1,442	46,786 14	35,887 27
Norway	2,459	2,174	67,853 76	57,493 22	207	141	7,480 71	4,530 94
Queensland	240	213	2,510 65	3,200 98	401	379	7,162 51	5,439 34
St. Lucia	99	183	1,441 27	2,697 06	211	163	6,452 85	2,618 19
St. Vincent	220	296	3,769 88	4,724 38	58	62	1,082 41	808 08
South Australia	126	90	1,667 13	1,272 11	171	140	2,168 70	1,788 31
Sweden‡	2,802	2,171	60,491 24	43,420 24	283	183	16,369 37	10,267 94
Switzerland	1,590	1,363	23,069 90	24,337 76	107	76	1,853 39	1,165 79
Tasmania	195	166	1,090 89	1,112 53	81	77	1,146 72	984 63
Trinidad	333	399	4,527 75	6,362 69	171	198	1,586 13	1,636 18
Union of South Africa	731	629	10,283 68	11,061 93	551	470	14,750 58	13,646 [illegible]
United Kingdom ‖	816,279	728,392	7,176,289 59	6,864,578 30	92,070	78,476	1,769,815 20	1,445,621 18
United States	908,512	1,070,935	12,838,222 11	15,741,314 28	569,936	562,558	7,528,825 04	7,591,506 43
Victoria	491	463	6,955 52	6,218 65	667	690	10,176 35	8,485 22
West Australia	145	138	2,811 82	2,149 72	329	320	4,713 18	3,776 73
Totals	1,822,865	1,908,142	22,431,573 64	26,191,676 43	688,363	668,990	9,704,609 80	9,385,627 24

*Service suspended 8th August, 1914, on account of war. †Service suspended 18th November 1914. ‡Including Finland. ‖ Including British Possessions and certain foreign countries between which and Canada there is not a direct exchange of money orders.

TABLE showing the General Operations of the Money Order System in the Dominion of Canada for the past five years.

Year.	Number of Money Order Offices.	Total Number of Money Orders issued.	Total Amount of Money Orders issued.	Where Payable.		Amount of Orders issued other Countries payable in Canada.	Gross Revenue from Fees on Money Orders, profit on Foreign Exchange, etc.
				In Canada.	In other Countries.		
			$ cts.	$ cts.	$ cts.	$ cts.	$ cts
1914	4,274	7,228,369	109,590,670 12	66,113,221 29	43,387,448 83	9,807,313 39	924,920 53
1915	4,499	6,990,813	89,957,906 53	64,723,940 75	25,233,965 78	9,707,382 51	753,681 63
1916	4,690	7,161,375	94,469,871 15	75,781,582 14	18,688,289 01	9,858,136 97	672,044 47
1917	4,810	8,698,502	119,695,535 27	97,263,961 63	22,431,573 64	9,704,609 80	786,397 52
1918	4,930	9,919,665	142,959,167 54	116,764,491 11	26,194,676 43	9,385,627 24	944,855 29

POST OFFICE SAVINGS BANK.

The aggregate balance to the credit of depositors on March 31, 1918, was $41,283,478.84, a decrease during the year of $1,298,999.75. The average to the credit of each depositor was $328.34 as compared with $315.09 on March 31, 1917.

The new accounts opened during the year were 20,726, and 30,563 accounts were closed, leaving the number open at the close of the year 125,735, or a decrease of 9,407.

The deposits were 162,921 in number, with a total amount of $11,791,966.66. The average amount of each deposit was $72.38 as compared with $58.39 for the previous year.

Repayments numbered 78,259 and amounted to $14,427,194.11, the average withdrawal being $184.35 as compared with $155.40 in the preceding fiscal year.

Special transfers and payments to the Finance Department for Victory Bonds were arranged for depositors by the Branch during the Victory Loan subscription period, to the number of over 2,726, amounting to over $500,000.

Transfers from the Post Office Savings Bank of the United Kingdom (included in deposits) were 264 and amounted to $61,712.22. Deposits transferred to the United Kingdom (included in repayments) numbered 39 and amounted to $11,406.65.

Balances numbering 166, amounting to $91,649.09 at Wallace, N.S., were transferred to the Post Office Savings Bank from the Dominion Government Savings Bank of the Finance Department.

The interest paid to depositors during the year was $104,982.44 and the interest accrued and made principal was $1,139,596.17, making a total of $1,244,578.61.

The number of offices authorized to transact business increased from 1,312 to 1,318.

Claims to moneys of deceased depositors examined into and finally disposed of numbered 1,089.

Annexed is a tabular statement of the annual operations of the Post Office Savings Bank since its organization in April, 1868.

STATEMENT (in accordance with the Revised Statutes of Canada, 1906, chapter 30, section 16) of the Post Office Savings Bank transactions for the year ended March 31, 1918, and of the total amount due to depositors on that date.

	$ cts.		$ cts.
Balance due to depositors on March 31, 1917	42,582,478 59	Repayments to depositors during the year	14,427,194 11
Deposits received during the year	11,791,966 66	Balance due to depositors on March 31, 1918	41,283,478 84
Balances transferred from Dominion Government Savings Bank	91,649 09		
Interest allowed to depositors during the year in accordance with the Statute	1,244,578 61		
	55,710,672 95		55,710,672 95

STATEMENT of the Business of the Post Office Savings Bank,

Period.	Number of Post Office Savings Banks at close of period.	Number of deposits received during period.	Total amount of deposits received during period.	Average amount of each deposit received during period.	Amount of depositors' accounts transferred from Dominion Government Savings Banks during period.	Number of withdrawals during period.
			$ cts.	$ cts.	$ cts.	
Three months ended June 30, 1868	81	3,247	212,507 00	65 44	.....	166
Year ended June 30, 1869	213	16,653	927,885 00	55 71	.....	4,787
Year ended June 30, 1870	226	24,994	1,347,901 00	53 93	.....	9,478
Year ended June 30, 1871	230	33,256	1,917,576 00	57 66	.....	15,148
Year ended June 30, 1872	235	39,489	2,261,631 00	57 27	.....	20,154
Year ended June 30, 1873	239	44,413	2,306,918 00	51 94	.....	23,800
Year ended June 30, 1874	266	45,329	2,349,284 00	51 63	.....	25,814
Year ended June 30, 1875	268	42,508	1,942,346 00	45 69	.....	25,954
Year ended June 30, 1876	279	48,647	1,726,204 00	44 66	.....	24,152
Year ended June 30, 1877	287	36,126	1,521,000 00	42 10	.....	22,484
Year ended June 30, 1878	295	40,097	1,724,371 00	43 00	.....	21,944
Year ended June 30, 1879	297	43,349	1,973,243 00	45 52	.....	23,226
Year ended June 30, 1880	297	56,031	2,720,216 00	48 55	.....	26,716
Year ended June 30, 1881	304	71,747	4,175,042 00	58 19	.....	28,510
Year ended June 30, 1882	308	97,380	6,435,989 00	66 09	.....	35,859
Year ended June 30, 1883	330	109,489	6,826,266 00	62 35	.....	45,253
Year ended June 30, 1884	343	109,388	6,441,439 00	58 88	.....	56,026
Year ended June 30, 1885	355	116,576	7,098,459 00	60 89	.....	59,714
Year ended June 30, 1886	392	126,322	7,642,227 00	60 52	.....	62,205
Year ended June 30, 1887	415	143,076	8,272,041 00	57 81	.....	65,853
Year ended June 30, 1888	433	155,978	7,722,330 00	49 51	217,385 10	78,229
Year ended June 30, 1889	463	166,235	7,926,634 00	47 67	1,085,979 72	84,572
Year ended June 30, 1890	494	154,673	6,599,896 00	42 67	167,501 53	90,151
Year ended June 30, 1891	633	147,672	6,500,372 00	44 02	389,169 28	84,963
Year ended June 30, 1892	642	145,423	7,056,002 00	48 52	.....	76,381
Year ended June 30, 1893	673	148,868	7,708,888 00	51 78	.....	73,361
Year ended June 30, 1894	699	145,960	7,525,286 00	51 55	218,173 60	84,941
Year ended June 30, 1895	731	143,685	7,488,028 00	52 11	494,889 23	85,888
Year ended June 30, 1896	755	155,308	8,138,947 00	52 37	449,981 61	87,221
Year ended June 30, 1897	779	161,151	8,233,000 00	51 02	1,856,474 31	91,398
Year ended June 30, 1898	814	179,814	9,183,693 00	51 07	786,868 48	94,532
Year ended June 30, 1899	838	174,658	8,310,630 00	47 58	.....	95,090
Year ended June 30, 1900	847	201,262	10,448,485 00	51 91	141,171 82	92,713
Year ended June 30, 1901	895	212,217	11,091,099 00	52 26	.....	102,083
Year ended June 30, 1902	915	219,678	11,382,025 00	51 81	415,507 96	105,946
Year ended June 30, 1903	934	231,619	12,060,825 00	52 07	.....	104,393
Year ended June 30, 1904	961	235,043	11,739,940 00	49 94	.....	108,237
Year ended June 30, 1905	989	223,281	10,503,870 00	47 04	252,773 93	110,157
Year ended June 30, 1906	1,011	233,803	10,805,458 00	46 21	559,593 31	105,923
Nine months ended March 31, 1907	1,043	186,916	8,803,233 00	47 09	1,216,168 80	79,338
Year ended March 31, 1908	1,084	242,386	12,293,544 17	50 71	59,243 71	116,435
Year ended March 31, 1909	1,102	199,884	9,415,569 29	47 10	.....	115,048
Year ended March 31, 1910	1,133	190,510	8,816,511 71	46 28	.....	96,413
Year ended March 31, 1911	1,151	203,196	9,957,016 17	49 00	.....	90,664
Year ended March 31, 1912	1,172	225,316	11,054,877 19	49 06	223,831 24	95,829
Year ended March 31, 1913	1,212	230,263	11,299,963 88	49 07	.....	96,835
Year ended March 31, 1914	1,250	236,260	11,346,459 39	48 02	140,318 65	104,917
Year ended March 31, 1915	1,269	183,515	10,154,189 07	55 33	.....	104,816
Year ended March 31, 1916	1,289	173,456	8,539,742 07	49 23	295,100 47	77,985
Year ended March 31, 1917	1,312	205,050	11,974,434 11	58 39	.....	68,254
Year ended March 31, 1918	1,318	162,921	11,791,966 66	72 38	91,649 09	78,259
Total period ended March 31, 1918	1,318	7,114,223	365,676,469 71	72 38	9,060,781 83	3,479,915

Canada, year by year, from April 1, 1868, to March 31, 1918.

Total amount withdrawn during period.	Average amount of each withdrawal during period.	Number of accounts opened during period.	Number of depositors' accounts transferred from Dominion Government Savings Banks during period.	Number of accounts closed during period.	Number of accounts remaining open at close of period.	Interest allowed to Depositors.	Total amount standing to the credit of Open Accounts, inclusive of interest allowed at close of period.	Average amount standing to credit of each Open Account at close of period
$ cts.	$ cts.					$ cts.	$ cts.	$ cts.
8,857 48	53 35	2,146	.....	44	2,102	939 37	204,588 89	97 33
296,754 35	61 99	9,429	.....	1,319	7,212	21,094 72	856,814 26	118 80
664,655 51	70 11	7,823	.....	2,857	12,178	48,689 08	1,588,848 82	130 41
1,093,438 86	72 10	9,424	.....	4,449	17,153	84,273 08	2,497,259 65	145 59
1,778,565 19	81 33	10,856	.....	6,940	21,059	116,174 55	3,096,500 01	147 04
2,323,299 32	86 91	11,995	.....	9,528	23,526	126,932 88	3,207,051 57	136 32
2,468,643 42	86 04	12,048	.....	10,606	24,968	126,273 31	3,204,965 46	128 36
2,341,979 04	82 88	10,516	.....	11,190	24,294	120,758 06	2,926,090 48	120 44
2,021,457 97	77 11	10,218	.....	10,097	24,415	110,116 08	2,740,952 59	112 27
1,726,082 98	70 49	8,791	.....	9,312	24,074	104,067 86	2,639,937 47	109 60
1,713,658 79	70 55	10,058	.....	8,597	25,535	103,834 29	2,754,484 03	107 87
1,733,448 79	66 07	10,755	.....	8,845	27,445	110,912 56	3,105,190 80	113 14
2,015,813 16	69 89	14,407	.....	10,481	31,365	136,075 47	3,945,669 11	125 80
2,097,389 15	73 56	18,731	.....	10,491	39,605	184,904 81	6,208,226 77	156 75
3,461,619 31	96 53	25,778	.....	13,920	51,463	291,065 07	9,473,661 53	184 08
4,730,995 39	104 54	27,127	.....	17,531	61,059	407,305 17	11,976,237 31	196 13
5,649,611 13	100 84	26,562	.....	20,939	66,682	477,487 64	13,245,552 64	198 63
5,973,031 84	97 01	27,591	.....	20,951	73,322	539,560 51	15,090,540 31	205 81
6,183,470 60	96 40	29,103	.....	21,555	80,870	607,075 37	17,159,372 09	212 18
6,626,067 51	100 62	31,874	.....	22,585	90,159	692,404 57	19,497,750 15	216 26
7,514,071 78	96 05	37,515	723	26,704	101,693	975,639 15	20,689,032 62	203 44
7,532,145 56	89 06	38,049	962	29,581	113,123	841,921 79	23,011,422 57	203 41
8,575,041 98	95 12	32,127	570	33,499	112,321	786,875 37	21,990,653 49	195 78
7,875,977 57	92 67	29,791	1,124	32,006	111,230	734,430 89	21,738,648 09	195 44
7,230,839 14	93 44	28,943	.....	29,368	110,805	734,590 70	22,298,401 65	201 24
6,631,578 97	90 39	29,502	.....	26,032	114,275	777,482 98	24,153,193 66	211 36
7,473,585 46	87 98	29,116	662	27,033	117,020	835,800 34	25,257,868 14	215 84
7,310,291 97	85 41	27,988	1,647	26,037	120,628	876,049 07	26,805,542 47	222 22
7,406,066 13	84 91	30,100	1,959	26,245	126,442	944,524 73	28,932,929 68	228 82
7,656,086 64	83 76	30,236	5,722	26,663	135,737	1,024,511 74	32,380,829 09	238 55
8,853,178 42	93 65	33,722	2,279	29,449	142,289	982,725 62	34,480,937 77	242 47
9,021,862 56	94 88	30,172	.....	30,320	142,141	1,001,899 96	34,771,605 17	144 62
8,903,505 46	96 03	37,596	587	29,337	120,987	1,049,699 27	37,507,455 80	248 41
9,774,694 62	95 75	38,685	.....	32,304	157,368	1,126,952 44	39,950,812 62	253 87
10,617,070 50	100 21	38,886	712	34,205	162,761	1,188,924 83	42,320,209 91	260 01
11,379,756 94	109 01	39,786	.....	35,524	167,023	1,254,048 96	44,255,326 93	264 96
11,883,127 70	109 79	38,925	.....	37,376	168,572	1,309,567 05	45,419,706 28	269 44
12,129,101 23	110 11	35,376	572	39,002	165,518	1,320,511 70	45,367,760 68	274 09
12,324,529 26	115 26	37,681	879	39,536	164,542	1,328,205 78	45,736,488 51	276 75
9,330,766 39	117 35	30,282	3,310	30,849	167,285	1,027,833 83	47,452,957 75	283 66
13,610,865 95	116 89	42,530	279	44,403	165,691	1,369,404 60	47,564,284 28	287 07
13,132,239 00	114 14	31,611	.....	41,507	155,895	1,342,869 64	45,190,484 21	289 88
11,699,649 54	121 35	29,661	.....	36,663	148,893	1,279,011 04	43,586,357 42	292 73
11,470,360 24	126 51	34,639	.....	36,054	147,478	1,257,565 84	42,330,579 19	293 51
12,303,688 13	128 39	38,796	600	38,955	147,919	1,258,164 84	43,563,764 33	294 51
13,389,966 01	138 28	40,120	.....	42,005	146,034	1,255,179 63	42,728,941 83	292 59
13,842,924 98	131 64	41,917	343	44,974	143,320	1,218,491 69	41,591,286 57	290 20
12,925,606 20	123 31	34,506	.....	42,349	135,477	1,175,536 96	39,995,406 40	295 22
9,981,914 13	128 00	27,988	1,050	30,170	134,345	1,160,082 89	40,008,417 70	297 80
10,606,900 87	155 40	29,481	.....	28,684	135,142	1,206,527 65	42,582,478 59	315 09
14,427,194 11	184 35	20,726	166	30,563	125,735	1,244,578 61	41,283,478 84	328 34
371,543,327 17	184 35	1,358,865	26,146	1,259,540	125,735	38,089,554 47	41,283,478 84	328 34

RAILWAY MAIL SERVICE.

STATEMENT showing total salaries of Superintendents, Railway Mail Clerks, Transfer Agents, etc., also the mileage paid Railway Mail Clerks for fiscal year 1917–18, as compared with the amounts paid during the preceding fiscal year, 1916–17.

Year.	Salaries.	Increase.	Mileage.	Increase.
	$ cts.	$ cts.	$ cts.	$ cts.
1916–1917	1,394,290 47		344,033 38	
1917–18	1,756,925 41	362,634 94	372,305 61	28,272 23

During the fiscal year 1917–18, 121·7 miles of additional railway were utilized for mail purposes, making a total actual track mileage over which mail was carried on March 31, 1918, of 35,221·47.

The following statement shows the details of such additional service:—

Railway.	Terminals.	Distance in Miles.	Service.
Canadian Northern	Grahamdale to Steep Rock	12·	Tri-weekly B.C.
Canadian Northern	Roberval to St. Felicien	18·	Daily except Sunday B.C.
Canadian Northern	Yorkton to Willowbrook	16·	Tri-weekly B.C.
Canadian Pacific	Pakowki to Manyberries	13·2	Semi-weekly B.C.
Canadian Pacific	Vantage to Assiniboia	14·5	Daily except Sunday R.P.O.
Grand Trunk Pacific	St. Louis to Prince Albert	48·	Tri-weekly B.C.
		121·7	

CHANGES IN EXISTING SERVICES.

During the year there have been established the following changes and increases in the frequency of railway mail service:—

Railway.	Terminals.	Distance in Miles.	Particulars.
Canadian Govt. Railway	Jacksonboro to Kapuskasing	28·3	B.C. service inc. from tri-weekly to daily, except Sunday.
Canadian Northern Railway	Camrose to Alliance	59·8	B.C. service inc. from Semi to tri-weekly.
Canadian Northern Railway	Moosejaw to Avonlea	34·9	B.C. service inc. from tri-weekly to daily, except Sunday.
Canadian Northern Railway	North Battleford to Turtleford	56·	B.C. service inc. from tri-weekly to daily, except Sunday.
Canadian Northern Railway	Saskatoon to Eston	160·7	B.C. service superseded by R.P.O.
Canadian Pacific Railway	Coronation to Monitor	41·7	B.C. service inc. from tri-weekly to daily, except Sunday.
Canadian Pacific Railway	Hardisty to Wetaskiwin	42·	Additional B.C. service daily except Sunday.
Canadian Pacific Railway	Kerrobert to Monitor	74·7	B.C. service inc. from tri-weekly to daily, except Sunday.
Canadian Pacific Railway	Medicine Hat to Suffield	25·8	Additional B.C. service semi-weekly.
Canadian Pacific Railway	Moosejaw to Assiniboia	67·4	B.C. service superseded by R.P.O.
Canadian Pacific Railway	Moosejaw to Vantage	51·7	B.C. service inc. from tri-weekly to daily, except Sunday.
Canadian Pacific Railway	Tadanac to Trail	1·4	Additional B.C. service weekly.
Canadian Pacific Railway	Tramping Lake to Revenue	6·6	B.C. service inc. from semi to tri-weekly.
Grand Trunk Pacific	Wakaw to St. Louis	19·9	B.C. service inc. from semi to tri-weekly.
Quebec Central Railway	St. Camille to Lac Frontier	19·	B.C. service inc. from tri-weekly to daily, except Sunday.

COMPARATIVE STATEMENT of Railway Mail Service during fiscal years 1916–17 and 1917–18.

Date.	Miles of railway in operation on which mails are carried.	Daily service by postal cars. Distance travelled in miles.	Daily service by baggage cars. Distance travelled in miles.	Total Distance. Daily.	Total Distance. Yearly.
In March, 1918	35,221	69,680	51,133	120,813	37,712,710
" 1917	35,099	69,710	49,997	119,707	37,468,540
	122	* 30	1,136	1,106	244,170

*Decrease.

POSTAGE STAMPS.

The postage stamp issue during the last fiscal year shows a gratifying increase of $996,568.44 over the previous fiscal year, thus exemplifying the steady progress of the Dominion in trade and population, of which the issue of postage stamps is a fair indication. The figures are as follows:—

Fiscal year 1916-17 ..... $23,174,601.59
Fiscal year 1917-18 ..... 24,171,170.03

In July, 1917, an issue of Confederation post cards was made, and in September of the same year 3-cent Confederation postage stamps were issued, both being intended to commemorate the Fiftieth Anniversary of Confederation. The post card contained statistics showing the growth of the Dominion since Confederation, while the postage stamp was a miniature reproduction of Robert Harris' well-known painting "The Fathers of Confederation."

DEAD LETTER BRANCH.

The transactions of the Dead Letter Branch of the department during the year ended March 31, 1918, were as follows:—

Number of letters originating in Canada, returned as undelivered (dead):—		
By British Post Office	221,589	
By United States Post Office	154,195	
By British Colonies and foreign countries	8,600	
Books, packets, etc , received from foreign countries	44,314	
	428,698	
Dead letters, circulars, postal cards, etc., returned from Canadian Post Offices	2,083,724	
Dead letters, registered	38,222	
Dead letters found to contain value	161,204	
Dead letters, circulars, postal cards, etc , sent to the Dead Letter Office for special reasons, such as insufficient address, non-payment of postage, etc	1,335,594	
		4,047,442

REPORT OF LOST MONEY LETTERS.

Number of cases in which responsibility for loss was located	85
Number of cases in which responsibility for loss could not be determined	18
Number of cases still under enquiry	57
Number of insured bank money packages	6
Total number of lost money letters, including bank money packages	166
Total alleged value of all lost money letters, including bank money packages	$13,793 54
Total alleged value of insured bank money packages for which no indemnity is payable under the postal regulations	$11,386 35
Total alleged value of lost money letters other than bank money packages	$ 2,407 19
Total amount of indemnity paid by department within the limit of indemnity allowed by law	$ 292 42

POSTAL STORES.

Printing and Stationery.

Comparative summary of expenditure for the fiscal year ended March 31, 1917, and the fiscal year ended March 31, 1918:—

Items of Expenditure.	1916-17.	1917-18.	Increase 1917-18.
	$ cts.	$ cts.	$ cts.
Inside Service—			
Printing	32,277 00	41,805 05	9,528 05
Stationery	18,692 90	22,294 69	3,601 79
Total	50,969 90	64,099 74	13,129 84
Increase—Inside Service			13,129 84
Outside Service—			
Printing	137,282 84	194,832 59	57,549 75
Stationery	90,360 85	115,472 70	25,111 85
Total	227,643 69	310,305 29	82,661 60
Increase—Outside Service			82,661 60
Total Expenditure—Inside and Outside Service	278,613 59	374,405 03	
Total Increase—Inside and Outside Service			95,791 44

NOTE.—A credit of $4,609.62 was given this department by the King's Printer for items of printing and stationery procured and paid for through this department, but which were for use in connection with war savings certificates.

The increase shown above is the result of the heavy advances in prices, owing to war conditions, which the Printing Bureau and the Government Stationery Office have had to meet during the year.

GOVERNMENT ANNUITIES.

During the fiscal year ending March 31, 1918, 65 Immediate Annuities and 122 Deferred Annuities, a total of 187 were purchased, aggregating in amount of annuities contracted for $55,260.56. The amount of purchase money received during the same period was $335,359.21.

The number of Annuities in force on March 31, 1918, was as follows: Immediate, 853; Deferred, 3,453, a total of 4,306, aggregating in amount of Annuities contracted for $967,007.53. The amount received on account of the purchase of Annuities from September 1, 1908 to March 31, 1918, exclusive of amounts returned to purchasers, was $3,649,472.21.

Government Annuities Fund Statement, March 31, 1918.

Assets.	$ cts.	$ cts.	Liabilities.	$ cts.	$ cts.
Fund on March 31, 1917	3,066,659 61		Net present value of all outstanding contracts		3,336,006 26
Receipts, 1917-18, less payments	269,346 65				
Fund on March 31, 1918		3,336,006 26			
Receipts.			**Payments.**		
For Immediate Annuities	198,611 62		Annuities paid under Immediate contracts	212,771 17	
For Deferred Annuities	136,747 59		Return of premiums under Plan "A" contracts	9,681 72	
Amount transferred by Government to maintain Reserve	159,007 53		Return of purchase money	2,567 20	
Total		494,366 74	Balance March 31, 1918	269,346 65	
			Total		494,366 74

Valuation on March 31, 1918, of Annuity Contracts issued pursuant to the Government Annuities Act.

Description of Contract.	Number.	Amount of Annuities.	Total Value on March 31, 1918, of Annuities purchased.
		$ cts.	$ cts.
1. Immediate Annuities	563	148,453 52	1,155,425 00
2. Immediate Annuities, guaranteed	204	48,391 21	447,464 00
3. Immediate Last Survivor (on 2 lives)	86	25,525 05	259,947 00
4. Deferred, Plan "A"	1,143	236,179 23	505,610 12
5. Deferred, Plan "A", guaranteed	1,836	375,461 66	503,962 98
6. Deferred, Last Survivor (on 2 lives)	38	10,375 29	54,082 19
7. Deferred, Plan "B"	436	122,621 57	409,514 97
Totals	4,306	967,007 53	3,336,006 26

R. M. COULTER,
Deputy Postmaster General.

ACCOUNTING OFFICES.

STATEMENT showing the Gross Postal Revenue of Accounting Offices during the year ended March 31, 1918.

PROVINCE OF ONTARIO.

Name of Office.	Revenue.
	$ cts.
Aberfeldy	196 07
Aberfoyle	319 11
Actinolite	350 82
Acton	6,491 43
Addison	257 57
Admaston Station	229 87
Adolphustown	218 53
Agincourt	1,649 88
Ahmic Harbour	401 07
Ailsa Craig	3,206 25
Alexandria	8,745 63
Alfred	1,487 97
Alfred Station	264 77
Algoma Mills	264 79
Algonquin	441 88
Algonquin Park	915 96
Allandale	5,011 42
Allen Park	210 97
Allenford	1,649 67
Allensville	193 22
Allenwood	134 48
Allisonville	170 27
Alliston	8,006 08
Alma	1,044 34
Almonte	9,552 42
Alton	1,899 95
Alvinston	4,011 02
Ameliasburg	344 16
Amherstburg	8,004 23
Amigari	514 74
Amyot	61 50
Ancaster	1,738 30
Angus	3,806 82
Annan	459 70
Anten Mills	207 61
Appin	1,513 60
Apple Hill	1,946 04
Appleton	828 93
Apsley	642 07
Arden	1,104 40
Argyle	365 02
Ariss	276 12
Arkona	1,777 46
Armow	249 65
Arnprior	12,883 97
Arthur	5,199 48
Ashburn	348 09
Ashton	698 09
Ashworth	150 73
Athens	4,001 56
Atherley	1,103 85
Athlone	219 80
Atikokan	455 83
Attercliffe Station	550 54
Atwood	2,521 80
Auburn	1,392 69
Aultsville	1,605 94
Aurora	10,767 71
Avening	300 33
Avonmore	2,049 92
Aylmer West	13,069 26
Ayr	3,755 81
Ayton	2,120 81
Baden	1,885 14
Badjeros	403 73
Bailieboro	547 28
Bainsville	798 76
Bala	1,835 69
Balderson	582 36
Ballantrae	287 86
Ballinafad	192 29
Ballycroy	510 44
Baltimore	645 33
Bancroft	3,880 89
Bannockburn	379 35
Barrie	25,174 13
Barriefield Military Camp	1,428 30
Barrie Island	165 68
Bar River	447 50
Barrow Bay	237 11
Barry's Bay	1,597 69
Bartonville	508 74
Barwick	769 33
Bath	1,723 11
Batteau	230 95
Battersea	580 20
Bayfield	1,491 32
Baysville	843 83
Beachburg	1,817 96
Beachville	1,353 86
Beamsville	7,204 67
Beaumaris	1,112 30
Beaverton	5,529 56
Bedford Mills	207 48
Beechwood	278 84
Beeton	3,456 46
Belfountain	252 42
Belgrave	1,024 98
Belhaven	299 77
Bellamy's	524 08
Belle River	1,020 61
Belleville	*48,844 04
*Divided as follows:	
Head Office	47,216 48
Belleville Station	1,627 56
Bell Ewart	435 41
Bell's Corners	324 96
Bellview	777 36
Belmont	2,530 23
Belwood	1,476 17
Benmiller	238 60
Berkeley	596 93
Bernie	308 84
Berwick	870 70
Bethany	1,060 70
Bexley	195 31
Bigwood	236 93
Billing's Bridge	1,038 85
Binbrooke	365 80
Birch Cliff	1,081 28
Biscotasing	864 85
Bishop's Mills	341 24
Bismark	337 40
Blackstock	898 72
Blackwater	422 14
Blair	553 32
Blakeney	277 80
Blenheim	6,870 65
Blezard Valley	345 33
Blind River	5,497 89
Bloomfield	2,211 64
Bluevale	1,004 10
Blyth	3,592 26
Blytheswood	401 56
Bobcaygeon	3,804 15
Bognor	502 05
Bolsover	313 15
Bolton	3,244 22
Bondhead	672 21
Bonfield	906 62
Bornholm	383 50
Boston Creek	546 42
Bothwell	3,644 10
Bourget	1,013 35

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ONTARIO—*Continued.*

Name of Office.	Revenue.
	$ cts.
Bowmanville	13,614 92
Bracebridge	11,719 71
Bradford	5,006 32
Braeside	1,655 98
Brampton	22,002 30
Branchton	602 57
Brantford	*114,661 25
*Divided as follows:	
Head Office	110,040 99
Eagle's Nest	2,061 44
Farringdon Hill	277 00
Grand View	1,239 82
Tutela	1,042 00
Brechin	1,832 16
Breslau	750 61
Bridgeburg	14,974 51
Bridgenorth	416 21
Brigden	2,881 19
Bright	1,663 69
Brighton	5,991 21
Brinston	1,099 94
Britannia Bay	374 80
Brockville	46,980 74
Brodhagen	196 31
Bronte	1,317 60
Brookholm	539 32
Brooklin	2,228 95
Brougham	379 95
Brown's Brae	145 87
Brownsville	1,217 96
Brownton	715 57
Brucefield	742 12
Bruce Mines	2,979 11
Bruce Station	262 00
Brudenell	256 75
Brule Lake Station	248 42
Brussels	5,352 25
Burford	2,940 40
Burgessville	1,316 52
Burketon Station	650 74
Burk's Falls	5,626 81
Burlington	7,935 34
Burndick	308 14
Burnstown	340 26
Burnt River	427 93
Burritt's Rapids	779 55
Byng Inlet	2,195 45
Cache Bay	1,606 82
Caesarea	392 78
Cainsville	817 27
Caintown	253 89
Cairo	280 32
Caistor Centre	391 52
Caistorville	244 00
Calabogie	1,563 79
Caldwell's Mills	316 11
Caledon	973 54
Caledon East	1,223 33
Caledonia	6,472 14
Caledonia Springs	776 05
Callander	1,714 41
Cambray	468 34
Camden East	1,121 39
Cameron	548 59
Camilla	321 80
Camlachie	1,395 78
Campbellcroft	645 07
Campbellford	12,070 56
Campbellville	1,579 96
Camp Borden	13,689 90
Camp Leaside Military Camp	2,178 30
Campden	335 77
Camp Mohawk Military Camp	322 86
Canboro	694 54
Canfield	1,253 61
Cannifton	437 69
Cannington	4,453 32
Canonto	305 66
Capreol	1,071 37
Cardinal	4,761 28
Cargill	1,552 40
Carleton Place	13,473 48

Name of Office.	Revenue.
	$ cts.
Carlingford	208 65
Carlisle	705 58
Carlsbad Springs	592 50
Carlsruhe	300 74
Carp	2,673 13
Carrying Place	815 22
Carterton	114 99
Cartier	737 58
Casselman	2,071 46
Castleford	201 46
Castleford Station	133 98
Castleton	1,230 86
Cataraqui	534 34
Cathcart	303 77
Cavan	444 19
Cayuga	4,278 04
Cedar Dale	1,484 31
Cedar Springs	389 27
Cedar Valley	323 47
Cedarville	270 58
Centralia	781 36
Centreville	353 94
Ceylon	1,067 33
Chalk River	1,035 53
Chapleau	6,700 44
Charing Cross	346 54
Charlton	1,512 82
Chatham	58,789 12
Chatsworth	2,538 53
Chedoke	565 06
Chelmsford	1,329 82
Cheltenham	559 94
Cherry Valley	507 39
Chesley	8,974 89
Chesterville	5,733 01
Chippawa	1,803 20
Christy's Lake	115 92
Churchill	752 88
Chute à Blondeau	305 39
City View	638 03
Clandeboye	886 13
Claraday	1,131 15
Claremont	1,596 82
Clarence	393 39
Clarence Creek	839 65
Clarendon Station	339 18
Clarke	816 27
Clarksburg	2,257 34
Clarkson	1,523 61
Clarkstown	561 27
Clayton	407 89
Clear Creek	424 84
Clifford	2,980 61
Clinton	9,832 64
Cloyne	394 02
Coatsworth Station	615 38
Cobalt	25,365 97
Cobden	3,835 84
Coboconk	1,249 15
Cobourg	22,489 53
Cochrane	9,377 48
Cockburn Island	217 73
Codrington	378 93
Coe Hill	1,424 84
Colbeck	58 42
Colborne	5,484 14
Cold Springs	319 61
Coldwater	4,948 33
Colgan	271 90
Collingwood	25,301 04
Collin's Bay	341 64
Colpoy's Bay	11 08
Columbus	475 62
Comber	2,233 14
Combermere	604 59
Conestogo	523 79
Coniston	2,872 79
Conn	447 90
Connaught Station	707 69
Consecon	1,569 67
Cookstown	3,767 29
Cooksville	1,266 71

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ONTARIO—*Continued.*

Name of Office.	Revenue. $ cts.
Copetown	723 34
Copleston	245 94
Copper Cliff	8,393 87
Corbetton	699 99
Corbyville	730 34
Cordova Mines	558 55
Corinth	575 07
Cornwall	27,881 33
Corson's Siding	225 14
Corunna	905 14
Cottam	1,563 37
Courtland	1,103 88
Courtright	2,045 95
Craighurst	587 55
Craigmont	116 06
Craigvale	400 64
Cranbrook	337 05
Crean Hill Mine	900 81
Crediton	1,430 57
Creemore	3,621 64
Creighton Mine	3,146 59
Cresswell	449 91
Crookston	346 78
Croton	488 70
Crysler	2,165 19
Crystal Beach	2,716 98
Cumberland	943 82
Cumming's Bridge	1,958 31
Curran	777 22
Cutler	1,262 39
Cyrville	373 67
Dacre	470 20
Dalkeith	1,305 71
Dartford	387 33
Dashwood	1,161 92
Dean Lake	507 38
Delaware	810 69
Delhi	4,628 78
Deloro	1,595 65
Delta	1,641 77
Demorestville	462 62
Denbigh	427 83
Denfield	1,234 37
Depot Harbour	1,490 62
Desaulniers	160 94
Desbarats	1,274 14
Desboro	802 37
Deseronto	11,426 36
Deux Rivieres	453 21
Devlin	631 88
Dickinson's Landing	345 49
Dixie	372 72
Dobbinton	838 66
Domville	515 64
Donald	342 61
Doon	319 32
Dorchester Station	1,689 31
Dorion	53 07
Dorion Station	418 39
Dornoch	394 61
Dorset	829 33
Douglas	1,719 15
Downeyville	288 32
Downsview	314 06
Drayton	3,806 49
Dresden	6,145 80
Dromore	390 28
Drumbo	1,503 90
Dryden	5,449 52
Duart	455 17
Dublin	1,611 71
Dunbar	205 24
Dunbarton	504 63
Duncan	197 12
Dunchurch	493 79
Dundalk	4,487 60
Dundas	19,378 04
Dungannon	1,275 15
Dunville	15,463 59
Dunrobin	422 94
Dunsford	644 35
Duntroon	637 95
Dunvegan	650 18
Durham	7,072 04
Dutton	4,894 32
Dwight	471 34
Eagle River	414 05
Earlton	867 87
Easton's Corners	487 45
Eastview Centre	649 71
Eastwood	282 47
Eauclaire	669 26
Echo Bay	951 62
Echo Place	723 20
Edenvale	137 50
Edgeley	220 04
Edwards	392 87
Eganville	5,544 43
Egbert	443 30
Eldorado	704 01
Elgin	1,884 18
Elginburg	323 41
Elk Lake	2,131 26
Elmira	5,764 93
Elmvale	4,339 27
Elmwood	1,947 99
Elora	6,740 19
Elphin	298 43
Embro	2,680 04
Embrun	1,421 94
Emo	2,092 21
Emsdale	1,291 52
Englehart	3,943 08
Enniskillen	417 67
Ennismore	335 49
Enterprise	1,690 95
Erieau	492 76
Erin	2,266 22
Erindale	446 00
Erinsville	438 99
Espanola	3,008 89
Espanola Station	273 71
Essex	7,759 14
Ethel	899 45
Eugenia	498 97
Everett	918 72
Everton	224 88
Exeter	6,297 39
Fairbank	484 97
Fairfield East	269 48
Fair Ground	255 27
Falding	218 38
Fall's View	586 80
Farran's Point	728 71
Fauquier	349 36
Fenella	331 26
Fenelon Falls	5,650 25
Fenwick	1,573 62
Fergus	13,392 83
Fesserton	340 05
Feversham	1,108 26
Field	578 91
Finch	2,501 47
Fingal	887 11
Fisherville	798 41
Fitzroy Harbour	555 50
Flesherton	2,357 42
Fletcher	814 83
Flinton	937 89
Floradale	262 63
Florence	1,357 70
Foleyet	1,261 17
Folger Station	107 35
Fonthill	2,190 70
Footes Bay	495 82
Ford	7,705 16
Fordwich	1,872 01
Forest	6,352 50
Forester's Falls	981 67
Formosa	824 09
Fort Erie	2,746 73
Fort Frances	9,397 14
Fort Stewart	396 92

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ONTARIO—*Continued.*

Name of Office.	Revenue.
	$ cts.
Fort William—	*60,957 97
*Divided as follows:	
Head Office	57,856 77
Fort William West	3,101 20
Fournier	785 42
Foxboro	957 95
Fox Point	392 88
Frankford	3,535 84
Franklin	212 38
Frankville	480 01
Franz	548 01
Frazerville	345 40
Freelton	703 78
Freeman	1,509 94
French River	222 35
Fruitland	559 03
Fullarton	421 96
Galetta	602 58
Gallingertown	235 49
Galt	56,935 60
Gamebridge	828 90
Gananoque	16,261 05
Garson	898 99
Gelert	451 49
Georgetown	8,815 37
Gilford	470 84
Gilmour	474 61
Giroux Lake	1,144 98
Glammis	750 03
Glanworth	745 73
Glasgow Station	533 44
Glen Allan	445 78
Glen Buell	342 52
Glencairn	592 52
Glencoe	5,620 27
Glen Miller	195 19
Glen Morris	216 02
Glen Robertson	1,097 69
Glen Sandfield	503 61
Glen Williams	807 92
Goderich	17,462 48
Godfrey	575 22
Golden Lake	784 94
Goldlands	126 43
Goldstone	186 85
Gooderham	615 87
Goodwood	678 17
Gordon Bay	343 72
Gore Bay	3,853 69
Gore's Landing	363 28
Gormley	876 05
Gorrie	1,772 21
Goudreau	627 86
Gowanstown	641 57
Gowganda	1,026 40
Grafton	1,555 79
Grand Bend	600 51
Grand Valley	4,689 28
Granton	1,529 98
Grassie	285 63
Gravenhurst	6,790 80
Greenfield	945 32
Greensville	504 16
Green Valley	516 18
Greenwood	375 79
Grimsby	11,304 00
Grimsby East	1,254 62
Guelph	82,000 63
Hagersville	6,299 84
Haileybury	15,052 87
Haley Station	385 26
Haliburton	2,763 48
Halloway	537 52
Hallville	321 90
Hamilton	*463,749 62
*Divided as follows:—	
Head Office	360,428 63
Station B	48,297 21
Sub-Office No. 2	1,313 14
Sub-Office No. 3	1,271 25
Sub-Office No. 4	15,964 49
Sub-Office No. 5	7,351 55
Hamilton—*Concluded.*	
Sub-Office No. 6	2,317 00
Sub-Office No. 7	707 00
Sub-Office No. 8	5,614 00
Sub-Office No. 9	2,063 00
Sub-Office No. 10	5,125 00
Sub-Office No. 11	424 00
Sub-Office No. 12	2,088 91
Crown Point	8,262 40
Homeside	527 00
Mount Hamilton	1,995 04
Hamilton Beach	512 48
Hammond	771 94
Hampton	787 29
Hanmer	565 16
Hanover	12,277 48
Harley	407 28
Harold	520 79
Harrietsville	636 22
Harrington West	338 12
Harrisburg	253 66
Harrison's Corners	294 49
Harriston	10,004 25
Harrow	3,430 71
Harrowsmith	1,610 90
Hartford	238 68
Hartington	560 47
Harwood	413 34
Hastings	3,138 16
Havelock	4,237 74
Hawkesbury	7,849 14
Hawkestone	1,286 48
Hawkesville	269 50
Haysville	223 27
Hearst	1,296 95
Heaslip	431 56
Heathcote	438 38
Helen Mine	328 88
Hensall	3,586 33
Hepworth	1,714 03
Heron Bay	169 99
Hespeler	11,032 08
Hickson	1,035 69
Highgate	2,119 75
Highland Creek	288 39
Highland Grove	442 84
Hillier	995 88
Hillsburg	1,454 92
Hillsdale	758 65
Hilton	528 91
Holland Centre	670 66
Holland Landing	767 13
Holstein	1,498 44
Honeywood	581 36
Hopeville	389 76
Hornby	719 77
Hornepayne	481 98
Horning's Mills	982 75
Humber Bay	1,417 88
Humberstone	2,158 93
Huntsville	10,150 66
Hurdman's Bridge	726 20
Huttonsville	343 64
Hyde Park Corner	619 67
Hymers	467 43
Hyndford	495 97
Ice Lake	154 52
Ida	208 97
Ignace	1,146 87
Ilderton	1,871 41
Indian River	610 44
Ingersoll	22,895 43
Inglewood	1,543 36
Inkerman	871 64
Innerkip	1,069 63
Inverary	323 83
Inwood	1,639 50
Iona	158 26
Iona Station	734 04
Iron Bridge	577 02
Iron Dale	89 32
Iroquois	4,773 27

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ONTARIO—*Continued.*

Name of Office.	Revenue.
	$ cts.
Iroquois Falls	8,041 45
Island Grove	264 57
Islington	1,400 36
Ivanhoe	497 55
Jackfish	400 65
Jacksonboro	842 74
Jackson's Point	838 71
Janetville	670 09
Jarratt	342 67
Jarvis	3,343 03
Jasper	1,107 86
Jerseyville	654 66
Jessopville	394 43
John Island	424 11
Jordan	828 46
Jordan Harbour	216 70
Jordan Station	905 46
Joyceville	332 96
Kagawong	831 27
Kakabeka Falls	570 98
Kaladar Station	258 82
Kaministikwia	487 80
Kapuskasing	1,849 28
Kars	661 17
Katrine Station	308 66
Kearney	1,576 95
Keene	1,174 19
Keewatin	4,542 82
Kelvin	305 25
Kemble	440 00
Kemptville	6,056 79
Kenabeek	453 18
Kendal	516 93
Kenilworth	1,048 46
Kenmore	931 12
Kenora	25,996 28
Kent Bridge	466 37
Kerwood	1,378 15
Keswick	1,156 99
Kettleby	434 64
Kilbride	182 07
Killaloe Station	2,152 02
Killarney	475 51
Kilsyth	349 44
Kilworthy	558 10
Kimberley	497 53
Kinburn	1,695 56
Kincardine	10,078 38
King	1,790 27
Kingsbridge	158 50
Kingsmill	407 88
Kingston	*112,780 96
*Divided as follows:—	
Head Office	97,428 04
Sub-Office No. 1	14,033 37
Sub-Office No. 2	615 80
Bath Road	360 25
Kingston Station	343 50
Kingsville	6,824 73
Kinmount	1,807 07
Kintore	546 10
Kippen	620 32
Kirkfield	1,684 64
Kirkland Lake	2,724 35
Kirkton	1,216 74
Kitchener	78,666 18
Kleinburg	576 09
Klock	132 93
Komoka	1,019 96
Krugersdorf	167 19
Lafontaine	328 03
Lakefield	4,146 37
Lakeport	783 34
Lakeside	967 64
L'Amable	83 21
Lambeth	1,286 03
Lambton Mills	1,036 65
Lanark	3,592 95
Lancaster	2,743 74
Langstaff	408 94
Langton	656 12
Lansdowne	3,313 87
Larchwood	257 87
Larder Lake	11 22
Latchford	583 28
Latta	267 56
Laurel	851 14
Laurentian View	344 74
La Vallée	567 25
Lavant Station	465 66
Leamington	13,054 68
Lefaivre	704 09
Lefroy	1,137 74
Lemieux	254 03
Leonard	285 55
Levack	841 87
Lime House	350 59
Lindsay	30,660 70
Linwood	1,553 67
Lion's Head	1,980 64
Lisle	808 63
Listowel	11,592 62
Little Britain	1,248 74
Little Current	4,489 46
Lloydtown	399 13
Lochlin	349 39
Locust Hill	701 81
Lombardy	485 17
Londesborough	1,671 05
London	*334,851 78
*Divided as follows:—	
Head Office	293,951 14
Sub-Office No. 1	263 54
Sub-Office No. 2	1,493 47
Sub-Office No. 3	5,466 44
Sub-Office No. 4	7,559 66
Sub-Office No. 5	1,376 00
Sub-Office No. 6	273 00
Sub-Office No. 7	404 00
Ealing	2,195 96
London East	2,220 19
London Junction	2 220 45
London Military Camp	6,911 89
London South	2,899 38
London West	850 30
St. James Park	6,356 36
Tamblings Corners	410 00
Long Branch	1,731 67
Longford Mills	2,449 53
Longtinville	1 31
Longwood	351 95
Lonsdale	338 99
Loretto	288 50
L'Orignal	2,024 50
Loring	751 44
Lorneville	786 63
Lowbanks	751 90
Lucan	3,554 23
Lucknow	6,681 64
Lunenburg	470 49
Lyn	1,669 46
Lynden	1,310 39
Lyndhurst	1,363 75
Lynedoch	491 12
McAlpine	246 08
McCool	189 05
McCrimmon	236 22
McDonald's Corners	442 69
McGregor	279 53
McIntyre	277 05
McKellar	686 62
Maberley	854 17
Macfarlane	416 80
MacLennan	692 33
Mac Tier	961 02
Madawaska	1,245 22
Madoc	6,646 91
Magnetawan	1,558 89
Magpie Mine	539 38
Maidstone	639 14
Maitland	429 86
Malakoff	111 62
Mallorytown	2,031 43
Malton	1,072 26

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ONTARIO—*Continued.*

Name of Office.	Revenue.
	$ cts.
Manchester	223 66
Mandamin	397 28
Manilla	476 40
Manion	169 24
Manitowaning	1,824 19
Manotick	1,002 88
Mansfield	1,050 68
Maple	1,484 43
Maple Valley	265 05
Markdale	6,032 73
Markham	3,584 19
Markstay	483 83
Marksville	910 85
Marlbank	1,030 06
Marmion	156 46
Marmora	3,396 42
Marshville	1,321 40
Martintown	2,074 29
Marysville	407 69
Massey Station	3,418 55
Matheson Station	2,561 06
Mattagami Heights	204 66
Mattawa	3,763 79
Maxville	3,814 11
Maxwell	533 30
Maynooth	916 63
Meadowvale	536 05
Meaford	12,755 31
Melancthon	357 57
Melbourne	1,421 31
Melrose	311 97
Merlin	3,773 74
Merrickville	4,541 02
Merritton	5,238 73
Metcalfe	1,406 53
Michipicoten Harbour	425 94
Middleville	364 59
Midhurst	285 61
Midland	21,138 88
Milberta	188 77
Mildmay	2,728 03
Milford	490 36
Millbank	1,105 86
Mill Bridge	218 22
Millbrook	3,709 89
Mille Roches	2,502 09
Mill Grove	429 02
Milliken	553 68
Milton West	9,878 79
Milverton	4,830 90
Mimico	3,716 99
Mimico Beach	1,869 38
Minaki	588 40
Mindemoya	482 78
Minden	1,837 78
Minesing	680 89
Minett	463 20
Missanabie	174 48
Mitchell	8,137 03
Moffat	586 25
Mohawk	673 73
Moira	336 44
Monckland Station	1,269 58
Mond	440 07
Monkton	2,101 64
Mono Centre	249 50
Mono Mills	345 15
Mono Road Station	881 81
Monteith	961 58
Monticello	163 29
Montreal River	139 12
Moorefield	1,734 80
Mooretown	1,281 38
Moose Creek	1,931 13
Morewood	1,155 49
Morganston	502 46
Morpeth	776 01
Morrisburg	7,387 20
Morriston	393 14
Morton	249 67
Moscow	676 90
Mossley	707 64
Moulinette	582 26
Mountain	1,719 93
Mountain Grove	743 79
Mount Albert	2,004 86
Mount Brydges	2,275 43
Mount Elgin	835 14
Mount Forest	9,996 40
Mount Hope	1,019 88
Mount Joy	631 07
Mount Pleasant	166 72
Mowat	238 38
Muir Kirk	795 95
Muncey	876 61
Murillo	677 92
Myrtle Station	548 71
Nairn Centre	818 58
Nanticoke	689 63
Napanee	18,658 92
Nashville	385 09
Navan	997 30
Nepigon	1,036 00
Nesterville	817 78
Nestleton Station	798 62
Neustadt	1,497 53
Newboro	1,313 81
Newburgh	1,526 12
Newbury	1,534 05
Newcastle	2,339 00
New Dundee	871 55
New Durham	468 34
New Germany	157 13
New Hamburg	4,890 63
Newington	1,182 77
New Liskeard	11,096 39
New Lowell	1,296 30
Newmarket	15,610 66
Newton	685 26
Newton Brook	458 38
Newton Robinson	323 92
New Toronto	5,838 32
Niagara Falls	*61,731 12
*Divided as follows:—	
Head Office	42,231 71
Niagara Falls Centre	9,359 59
Niagara Falls South	8,062 27
Niagara Military Camp	2,077 55
Niagara-on-the-Lake	8,662 32
Nicholson's Siding	660 75
Nipissing	546 72
Nobel	2,264 01
Nobleton	442 77
Noelville	527 34
Norland	548 11
Norman	501 63
North Augusta	1,475 06
North Bay	37,323 85
North Brook	424 83
North Cobalt	1,719 99
Northfield Station	1,026 27
North Gower	1,481 76
North Lancaster	418 71
Northpines	699 04
North Port	374 77
Northwood	836 60
Norval	956 16
Norwich	6,760 62
Norwood	4,172 70
Nottawa	735 12
Novar	894 32
Nushka Station	334 05
Oakland	262 28
Oakville	13,445 10
Oakwood	1,703 46
Odessa	1,696 38
O'Donnell	443 07
Oshweken	497 62
Oil City	326 17
Oil Springs	2,507 62
Omemee	2,578 22
Onondaga	312 26
Orangeville	10,724 42
Orchard	85 03

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ONTARIO—*Continued.*

Name of Office.	Revenue.
	$ cts.
Orillia	38,593 79
Orleans	274 91
Ormond	274 05
Orono	2,766 05
Oro Station	475 36
Orrville	641 27
Orton	887 54
Orivell	136 84
Osgoode Station	1,550 09
Oshawa	38,602 34
Osnabruck Centre	558 79
Ottawa	*446,441 50
*Divided as follows:—	
Head Office	341,904 81
Sub-OfficeNo. 3	1,512 00
Sub-Office No. 4	9,098 05
Sub-Office No. 5	2,814 62
Sub-Office No. 6	7,872 52
Sub-Office No. 10	3,539 81
Sub-Office No. 15	866 00
Sub-Office No. 17	5,063 23
Bank Street	30,581 94
Bank Street South	8,182 99
Bayswater	718 00
Hintonburg	3,882 00
LeBreton Flats	7,200 41
Mechanicsville	45 50
Mount Sherwood	1,159 63
New Edinburgh	1,066 12
Ottawa East	1,979 32
Ottawa South	3,956 27
Stewarton	14,998 28
Otter Lake Station	539 44
Otterville	2,482 40
Owen Sound	44,389 44
Oxdrift	412 38
Oxford Centre	271 06
Oxford Mills	639 96
Oxford Station	508 40
Paisley	5,369 79
Pakenham	2,290 05
Palermo	471 92
Palgrave	577 90
Palmer Rapids	308 31
Palmerston	6,722 69
Palmyra	343 99
Parham	583 49
Paris	16,650 66
Paris Station	2,822 72
Park Hill	7,178 44
Parry Harbour	774 04
Parry Sound	18,418 46
Pearson	173 74
Pefferlaw	797 46
Pelee Island	562 04
Pembroke	28,550 56
Pendleton	741 35
Penetanguishene	9,173 37
Perry Station	204 37
Perth	20,026 92
Perth Road	446 82
Petawawa	447 62
Petawawa Field Camp	7,421 38
Peterboro	92,221 59
Petersburg	405 32
Petrolia	13,471 86
Phelpston	719 59
Philipsville	474 05
Pickering	2,408 26
Picton	15,890 95
Pinewood	572 81
Pinkerton	565 55
Plantagenet	1,550 51
Plantagenet Springs	219 18
Plattsville	1,809 89
Plevna	341 28
Plummer	117 40
Point Anne	608 20
Point Edward	1,380 28
Pontypool	1,260 29
Porcupine	318 12
Porquis Junction	886 05

Name of Office.	Revenue.
	$ cts.
Port Arthur	*47,935 15
*Divided as follows:—	
Head Office	45,402 54
Sub-Office No. 2	340 00
Sub-Office No. 3	1,610 97
Sub-Office No. 4	342 89
Sub-Office No. 5	235 15
Port Burwell	2,648 56
Port Carling	2,410 46
Port Colborne	13,696 55
Port Credit	3,906 75
Port Dalhousie	3,374 84
Port Dover	5,742 35
Port Elgin	6,581 99
Port Elmsley	173 95
Port Hope	18,725 48
Port Lambton	1,182 01
Portland	1,217 11
Port McNicoll	2,037 42
Port Maitland	242 98
Port Nelson	634 64
Port Perry	5,245 84
Port Robinson	1,561 42
Port Rowan	3,243 91
Portsmouth	1,472 93
Port Stanley	3,004 49
Port Stanton	439 79
Port Sydney	886 18
Port Whitby	558 92
Powassan	6,247 83
Prescott	10,478 69
Preston	17,799 22
Priceville	1,708 00
Princeton	1,732 76
Proton Station	1,235 08
Providence Bay	709 63
Puslinch	1,112 54
Quartz	126 88
Queensborough	979 47
Queenston	1,250 60
Queensville	626 75
Rainy River	4,235 87
Ramore	418 18
Ramsayville	320 17
Rathburn	153 52
Ravenna	516 89
Ravenshoe	269 20
Reaboro	369 26
Rednersville	272 97
Renfrew	29,200 93
Riceville	577 31
Richard's Landing	1,436 15
Richmond	1,822 20
Richmond Hill	3,024 29
Richwood	335 94
Rideau Ferry	245 09
Ridgetown	7,698 36
Ridgeville	2,537 32
Ridgeway	3,051 49
Ripley	3,648 48
River Valley	437 92
Riverview	394 25
Roblin	605 39
Roche's Point	462 25
Rockingham	248 65
Rockland	3,221 70
Rocklyn	323 42
Rockport	337 75
Rockton	287 39
Rockwood	2,758 28
Rodney	3,821 71
Rose Corner	148 13
Rosemont	565 35
Roseneath	1,073 00
Roslin	425 92
Rosseau	2,169 40
Rossmore	375 81
Rossport	514 09
Rothsay	424 15
Ruel	425 57
Ruscom Station	455 24
Russell	2,923 02

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ONTARIO—*Continued.*

Name of Office.	Revenue.
	$ cts.
Rutherglen	554 60
Ruthven	1,114 08
Rydal Bank	414 20
St. Albert	237 82
St. Amour	442 19
St. Andrew's West	359 11
St. Anne de Prescott	307 61
St Ann's	609 79
St. Catharines	76,854 40
St. Charles	419 61
St. Clements	514 75
St. Columban	270 13
St. Davids	1,135 77
St. Eugène	1,571 94
St. George Brant	3,934 78
St. Isidore de Prescott	794 07
St. Jacobs	1,316 96
St. Joachim River Ruscom	522 65
St Mary's	16,982 30
St. Onge	759 59
St. Paschal Babylon	257 74
St. Raphael West	418 49
St. Thomas	54,871 26
St. Williams	1,526 29
Sandpoint	332 50
Sandwich	5,487 39
Sanitarium	2,588 88
Sarnia	*51,278 04
*Divided as follows:—	
Head Office	50,177 70
Tunnel	1,100 34
Sarsfield	307 57
Sault Ste. Marie	*54,747 56
*Divided as follows:—	
Head Office	48,906 06
Sub-Office No. 1	1,527 71
Sault Ste. Marie, West	4,313 79
Sault Ship Canal	715 81
Scarboro	530 54
Scarborough Junction	546 17
Schomberg	2,279 05
Schreiber	3,445 63
Schumacher	3,024 74
Scotland	1,628 99
Seaforth	10,505 58
Seagrave	652 12
Searchmont	390 60
Sebright	566 62
Sebringville	1,135 06
Seely's Bay	1,201 48
Seguin Falls	333 68
Selby	430 40
Selkirk	2,254 34
Selwood	853 06
Severn Bridge	1,276 06
Shakespeare	1,126 07
Shallow Lake	1,012 01
Shannonville	864 61
Shanty Bay	868 25
Sharbot Lake	1,594 21
Sharon	293 70
Sheddon	1,312 79
Sheffield	245 70
Sheguindah	577 48
Shelburne	7,065 88
Sherkston	787 30
Shetland	218 12
Sillsville	194 72
Silver Centre	241 52
Silverdale Station	411 27
Silverwater	324 93
Simcoe	20,118 41
Singhampton	691 50
Sioux Lookout	2,609 79
Sleeman	364 36
Smithdale	183 39
Smithfield	422 76
Smiths Falls	24,368 17
Smithville	2,940 31
Smoky Falls	276 69
Smooth Rock Falls	1,941 19
Snelgrove	306 91
Sombra	1,653 16
Sonya	594 89
Southampton	5,182 53
South Bay	248 18
South Cayuga	338 62
South End	1,217 78
South Indian	805 59
South March	378 65
South Monaghan	342 13
South Mountain	1,381 84
South Oshawa	2,607 16
South Porcupine	6,158 07
South River	3,181 94
South Woodslee	1,528 94
Spanish	915 93
Spanish Mills	513 25
Sparrow Lake	375 41
Sparta	813 21
Spencerville	3,100 25
Spragge	866 16
Spring Brook	627 34
Springfield	2,258 55
Springford	615 64
Sprucedale	1,355 17
Staffa	457 15
Stamford	490 60
Stanley's Corners	342 14
Staples	648 46
Stayner	4,692 24
Steelton	7,278 14
Steelton West	1,348 81
Stella	718 41
Stevensville	1,523 26
Stirling	4,832 46
Stittsville	1,054 61
Stobie Mine	100 71
Stoco	228 51
Stokes Bay	131 77
Stonecliff	141 34
Stony Creek	1,857 76
Stony Point	571 53
Stouffville	4,893 74
Straffordville	862 45
Stratford	47,784 01
Stratford Station	8,197 00
Strathcona	33 51
Strathroy	12,255 15
Stratton	889 96
Streetsville	2,505 63
Stroud	666 06
Sturgeon Falls	7,777 56
Sudbury	37,487 12
Sulphide	676 73
Summerstown	229 89
Summerstown Station	437 62
Sunbury	243 87
Sunderland	2,600 45
Sundridge	2,177 83
Sutton West	2,936 29
Swastika	940 29
Sydenham	2,267 85
Tamworth	2,097 53
Tara	3,824 24
Tavistock	4,087 85
Tecumseh	1,046 99
Teeswater	4,223 65
Tehkummah	281 76
Temperanceville	252 04
Terra Cotta	323 48
Thamesford	2,295 70
Thamesville	4,956 83
Thedford	2,882 97
Thessalon	5,637 28
Thomasburg	635 08
Thornbury	3,255 94
Thorndale	1,892 83
Thornhill	1,168 96
Thornloe	657 45
Thornton	1,428 60
Thorold	10,525 03
Tichborne	478 25
Tilbury	4,929 51

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ONTARIO—*Continued.*

Name of Office.	Revenue.
	$ cts.
Tillsonburg	15,054 75
Timagami	438 63
Timmins	13,391 89
Tin Cap	362 56
Tiverton	1,721 88
Toledo	717 99
Tomiko	285 54
Tomstown	292 73
Toronto	*4,137,678 14
*Divided as follows:—	
Head Office	1,987,926 59
Station B	156,274 87
Station C	27,246 07
Station D	68,164 85
Station E	38,077 20
Station F	77,820 60
Station G	40,283 80
Station H	7,726 35
Station K	10,672 28
Sub-Office X	11,963 39
Sub-Office No. 1	12,395 42
Sub-Office No. 2	4,424 00
Sub-Office No. 3	1,536 83
Sub-Office No. 4	1,506 73
Sub-Office No. 5	2,077 38
Sub-Office No. 6	2,069 19
Sub-Office No. 7	4,411 76
Sub-Office No. 8	589 08
Sub-Office No. 9	2,199 82
Sub-Office No. 11	11,067 16
Sub-Office No. 12	6,126 13
Sub-Office No. 13	194 00
Sub-Office No. 14	6,631 71
Sub-Office No. 16	28,043 18
Sub-Office No. 17	3,747 66
Sub-Office No. 18	10,631 24
Sub-Office No. 20	16,342 70
Sub-Office No. 21	40,602 04
Sub-Office No. 22	4,431 76
Sub-Office No. 23	7,549 89
Sub-Office No. 24	7,468 06
Sub-Office No. 25	8,393 67
Sub-Office No. 26	5,155 94
Sub-Office No. 27	4,936 35
Sub-Office No. 29	5,070 37
Sub-Office No. 30	3,580 98
Sub-Office No. 31	19,005 07
Sub-Office No. 32	995 20
Sub-Office No. 33	3,289 37
Sub-Office No. 34	11,343 79
Sub-Office No. 36	2,363 06
Sub-Office No. 37	7,640 01
Sub-Office No. 38	2,956 40
Sub-Office No. 39	6,669 15
Sub-Office No. 40	6,819 45
Sub-Office No. 41	2,873 29
Sub-Office No. 42	4,667 49
Sub-Office No. 43	6,150 90
Sub-Office No. 44	7,270 86
Sub-Office No. 45	8,835 53
Sub-Office No. 46	14,616 88
Sub-Office No. 47	2,619 63
Sub-Office No. 48	15,880 20
Sub-Office No. 49	6,529 25
Sub-Office No. 50	18,987 18
Sub-Office No. 51	16,474 02
Sub-Office No. 52	6,773 30
Sub-Office No. 53	4,492 82
Sub Office No. 54	7,042 60
Sub-Office No. 55	7,009 66
Sub-Office No. 56	3,091 99
Sub-Office No. 57	2,302 54
Sub-Office No. 58	10,433 21
Sub-Office No. 59	10,981 57
Sub-Office No. 60	1,415 76
Sub-Office No. 61	1,678 16
Sub-Office No. 62	3,822 94
Sub-Office No. 63	1,914 56
Sub-Office No. 64	3,368 88
Sub-Office No. 66	6,358 82
Sub-Office No. 67	775 20
Sub-Office No. 68	10,497 69

Name of Office.	Revenue.
	$ cts.
Toronto—*Concluded.*	
*Divided as follows:—	
Sub-Office No. 69	1,896 51
Sub-Office No. 70	3,627 78
Sub-Office No. 71	874 43
Sub-Office No. 72	757 00
Sub-Office No. 77	250 00
Sub-Office No. 79	1,409 24
Sub-Office No. 101	11,429 34
Sub-Office No. 102	473 60
Sub-Office No. 103	7,492 96
Sub-Office No. 104	4,907 27
Sub-Office No. 106	2,855 71
SubO-ffice No. 107	1,491 00
Sub-Office No. 108	2,816 00
Sub-Office No. 109	7,082 35
Sub-Office No. 110	1,424 60
Sub-Office No. 111	8,987 88
Sub-Office No. 112	2,307 87
Sub-Office No. 116	430,982 00
Sub-Office No. 116A	58,368 00
Sub-Office No. 117	18,208 34
Sub-Office No. 118	4,733 69
Sub-Office No. 122	19,137 61
Sub-Office No. 125	303,817 89
Sub-Office No. 136	3,404 26
Sub-Office No. 140	7,577 80
Sub-Office No. 141	5,151 04
Sub-Office No. 157	3,435 13
Sub-Office No. 167	2,530 34
Balmy Beach	7,164 98
Bathurst St	12,573 60
Bedford Park	1,475 94
Bleecker St	7,250 00
Bloor St	11,287 91
Broadview Ave	7,102 46
Brockton	10,463 49
Carlton St	52,726 44
Clinton St	12,275 31
Coleman	3,212 49
Davisville	4,419 06
Deer Park	11,561 43
Dundas St	9,006 23
Earlscourt	2,817 21
Lee Ave	12,214 13
Mount Dennis	13,236 21
North Toronto	12,087 50
Pape Ave	5,493 41
Parkdale	15,179 59
Peter St	32,639 07
Queen St. East	14,296 97
Rusholme Road	9,634 94
St. Joseph St	8,738 00
Spadina Ave	37,395 93
Swansea	2,750 42
Todmorden	2,254 46
Wychwood Park	6,919 48
Yorkville	18,786 36
Torrance	544 39
Tory Hill	686 92
Tottenham	3,062 72
Treadwell	82 77
Trenton	27,217 46
Trout Creek	1,606 34
Trout Mills	279 01
Trowbridge	236 17
Troy	373 96
Tupperville	797 70
Turbine	261 34
Tweed	6,692 00
Tyrone	383 81
Udney	431 42
Uffington	321 33
Underwood	578 53
Union	428 97
Unionville	1,718 47
Uno Park	372 08
Uphill	175 59
Uptergrove	445 53
Utopia	319 71
Utterson	939 08
Uxbridge	8,432 69

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ONTARIO—*Concluded.*

Name of Office.	Revenue.	Name of Office.	Revenue.
	$ cts.		$ cts.
Vandorf	399 65	West Gravenhurst	312 40
Vanessa	580 58	West Hill	1,003 95
Vankleek Hill	6,841 58	West Huntingdon	198 98
Varna	693 70	West Lorne	3,399 88
Varney	535 79	Westmeath	1,031 76
Vars	1,187 76	West Montrose	333 78
Vasey	331 17	Weston	12,049 98
Ventnor	277 06	Westport	3,297 92
Verner	1,585 41	Westwood	308 33
Vernon	673 45	Wheatley	3,140 03
Vernonville	269 84	Whitby	12,577 37
Verona	1,243 08	White Church	469 46
Victoria Harbour	3,271 70	Whitefish	328 99
Victoria Mines	217 83	White Lake	432 93
Victoria Road	688 44	White River	1,279 18
Vienna	880 87	Whitevale	500 58
Villanova	539 02	Whitney	1,375 52
Vineland	1,858 17	Wiarton	9,029 47
Vineland Station	1,067 17	Widdifield Station	282 38
Vinemount	481 59	Wilberforce	515 60
Virginia	364 46	Wilkesport	473 12
Vittoria	947 69	Williamsburg	1,643 87
Wabigoon	354 25	Williamsford	370 20
Wahnapitae	179 63	Williamtown	1,899 34
Waldemar	502 69	Wilno	503 46
Waldhof	153 89	Wilton	368 56
Wales	1,831 40	Winchester	6,654 18
Walford Station	512 34	Winchester Springs	384 28
Walkerton	10,957 22	Windermere	886 00
Walkerville	45,159 08	Windham Centre	421 27
Wallaceburg	11,650 57	Windsor	113,400 81
Wallacetown	868 93	Wingham	11,299 62
Walsh	208 26	Winona	4,586 61
Walsingham	398 13	Winterbourne	241 21
Walter's Falls	547 06	Woito	172 72
Walton	1,099 44	Wolfe Island	1,313 82
Wanstead	519 87	Woodbridge	2,576 65
Wardsville	1,448 04	Woodford	558 32
Warkworth	2,398 86	Woodham	686 44
Warminster	278 00	Woodlawn	494 37
Warren	1,458 85	Woodrous	251 47
Warsaw	1,040 83	Woodstock	46,472 22
Warwick	270 14	Woodville	2,808 11
Washago	1,302 88	Wooler	747 93
Washburn	151 00	Worthington	956 95
Waterdown	2,051 96	Wroxeter	2,582 88
Waterford	4,625 79	Wyebridge	427 28
Waterloo	22,499 46	Wyevale	546 74
Watford	6,637 95	Wyoming	3,131 07
Watson's Corners	255 70	Yarker	1,075 45
Waubaushene	2,985 66	York	793 05
Waverley	269 23	Young's Point	424 22
Webbwood	2,269 19	Zephyr	740 46
Welland	41,907 96	Zurich	2,215 07
Welland Port	1,458 40	Non-Accounting Post Offices	167,191 01
Wellesley	1,791 04		
Wellington	3,520 78		10,007,213 60
Wemyss	240 16	Less value of Postage Stamps affixed to Postal Notes	8,383 90
Wendover	321 05		
Westboro	3,222 86		9,998,829 70
West Brook	208 87		

PROVINCE OF QUEBEC.

Abbotsford	963 79	Arundel	869 06
Abenakis Springs	343 76	Asbestos	2,509 37
Abercorn	1,338 07	Ascot Corner	423 33
Acton Vale	2,857 54	Athelstan	1,063 99
Adamsville	732 45	Aubrey	309 54
Adstock	402 57	Aurigny	110 22
Albanel	502 23	Avignon	432 50
Amos	3,720 73	Ayer's Cliff	2,738 06
Amqui	3,239 91	Aylmer (East)	3,001 89
Ancienne Lorette	421 63	Aylwin	268 25
Ange Gardien de Rouville	562 85	Bagotville	2,029 98
Angers	313 71	Baie Ste. Clair	60 45
Armagh	994 14	Baie St. Paul	2,381 68
Armand	432 30	Baillargeon	142 54
Arthabaska	3,559 09	Barachois de Malbaie	1,048 54

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF QUEBEC—*Continued.*

Name of Office.	Revenue.	Name of Office.	Revenue.
	$ cts.		$ cts.
Barnston	545 41	Chapeau	927 21
Batiscan	933 86	Charlemagne	446 76
Beauce Junction	1,017 11	Charlesbourg	810 00
Beauceville, Est	6,119 40	Charny	1,272 25
Beauceville, Ouest	1,338 50	Charteris	276 98
Beauharnois	3,711 54	Chartierville	689 29
Beauport	1,064 28	Chateauguay	919 87
Beaupré	429 44	Chateauguay Basin	1,088 08
Beaurivage	1,029 43	Chateau Richer	469 60
Becancour	750 24	Chaudière Curve	790 88
Bedford	3,624 84	Chelsea	355 00
Beebe	2,091 38	Chemin Gouin	510 52
Beech Grove	383 96	Chemin Tach'	420 19
Belisle's Mills	276 91	Chêneville	726 06
Bellerive	809 50	Chicoutimi	11,324 71
Beloeil Station	1,905 54	Chicoutimi Ouest	2,230 62
Beloeil Village	1,226 75	Clarenceville	1,380 64
Bergerville	1,112 24	Clarke City	702 89
Berthier (en bas)	422 40	Coaticook	9,766 24
Berthier (en haut)	3,893 94	Como	565 01
Bic	1,862 13	Compton	1,444 84
Bienville	1,266 09	Contrecoeur	1,024 14
Birchton	317 31	Cookshire	6,294 07
Bishop's Crossing	1,277 50	Coteau du Lac	773 86
Black Cape	479 85	Coteau Landing	597 56
Black Lake	2,843 83	Coteau Station	1,103 82
Blaisville	886 76	Courcelles	626 87
Blanche	130 20	Cowansville	5,105 70
Bleriot	704 40	Daaquam	1,099 00
Boileau	120 60	Dalesville	234 38
Bolduc	750 43	Dalhousie Station	1,571 02
Bolton Centre	770 89	Dalibaire	325 01
Bonaventure	1,354 79	Danville	6,118 85
Bon Conseil	447 13	Daveluyville	567 48
Boucherville	1,605 42	Davidson	570 48
Bouchette	519 44	Delisle	701 23
Breakeyville	787 64	Delson	498 52
Brebeuf	202 16	Dequen	319 04
Brigham	724 08	Deschaillons	1,853 24
Bristol	459 44	Deschambault	1,013 51
Brome	809 06	Desjardins	290 27
Bromptonville	2,193 06	Dewittville	387 02
Brosseau Station	86 56	D'Israeli	2,382 49
Broughton Station	355 96	Dixville	609 81
Brownsburg	2,374 63	Dolbeau	282 38
Bryson	671 22	Donnacona	1,625 70
Buckingham	6,933 42	Dorval	687 29
Buckland	247 14	Dorval Station	1,638 30
Bulwer	452 64	Dosquet	308 72
Burbidge	595 90	Douglastown	749 32
Bury	3,025 38	Douville	305 31
Cabano	2,149 13	Dragon	586 74
Cacouna	1,340 59	Drummondville East	7,183 31
Calumet	1,643 63	Duclos	149 11
Calumet Island	367 50	Dundee	1,114 92
Campbell's Bay	2,042 86	Dunham	1,781 72
Cap à l'Aigle	626 46	East Angus	4,792 46
Cap Chat	1,014 34	East Broughton	446 45
Cape Cove	665 53	East Broughton Station	985 67
Capelton	590 82	East Clifton	261 38
Caplin River	371 76	East Farnham	491 76
Cap Magdeleine	2,201 86	East Hereford	368 86
Cap Rouge	626 98	Eastman	1,078 60
Cap St. Ignace	1,625 64	East Templeton	289 37
Cap Santé	548 87	Ellis Bay	340 15
Carillon	303 40	Escuminac	277 96
Carleton	392 11	Esquimaux Point	245 07
Carleton Centre	468 47	Etang du Nord	203 22
Carrière	78 92	Fabre	316 55
Cartierville	776 68	Farm Point	352 43
Cascades	241 43	Farnham	7,681 03
Cascades Point	273 99	Farrellton	342 93
Caughnawaga	791 73	Fassett	1,326 25
Causapscal	926 04	Father Point	378 66
Causapscal Station	712 24	Ferme Neuve	716 11
Cedars	2,113 10	Fitch Bay	551 25
Chaleurs	400 88	Fontainebeau	339 12
Chambly	1,809 90	Fort Coulonge	2,526 65
Chambly Canton	2,076 67	Foster	1,488 09
Chambord	667 31	Fox River	701 70
Champlain	994 43	Frampton	753 72
Chandler	3,637 15	Franklin Centre	934 84

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF QUEBEC—*Continued.*

Name of Office.	Revenue.
	$ cts.
Fraserville Centre	2,033 98
Frelighsburg	1,671 93
Fulford	304 66
Gamelin	1,043 11
Garneau	752 27
Garthby Station	1,047 25
Gascons	576 72
Gaspé	2,638 74
Gaspé Harbour	800 21
Gentilly	1,009 59
Georgeville	841 34
Glen Elm	930 04
Glen Iver	88 66
Gould	762 78
Gracefield	1,326 91
Granby	12,795 40
Grand Cascapedia	916 29
Grande Baie	996 80
Grande Grève	341 42
Grand Ligne	622 09
Grand Entry	122 12
Grandes Bergeronnes	497 00
Grandes Piles	572 70
Grand'Mère	5,190 00
Grand'Mère Village	6,343 71
Grand Métis	298 20
Grand River	1,274 66
Graniteville	302 75
Greenlay	288 18
Grenville	2,029 20
Griffin Cove	287 31
Grindstone Island	479 26
Grondines	493 63
Grosse Isle	156 06
Guay	1,453 73
Guigues	492 89
Ham Nord	430 24
Ham Sud	497 26
Harrington East	210 92
Hatley	831 93
Havre Aubert	436 03
Hébertville	948 15
Hébertville Station	2,467 52
Hemmingford	2,500 00
Henryville	709 58
Hervey Junction	438 96
Highwater	627 72
Hillhurst	303 93
Honfleur	145 77
House Harbour	171 56
Howick	1,698 78
Howick Station	650 85
Huberdeau	606 24
Hudson	841 04
Hudson Heights	1,278 31
Hull	20,024 22
Huntingdon	6,659 76
Iberville	2,517 18
Ile-aux-Noix	309 40
Indian Lorette	2,065 90
Inverness	1,654 01
Island Brook	309 98
Ile aux Grues	268 37
Ile Verte	1,505 08
Johnville	386 83
Joliette	13,282 23
Jonquières	3,879 10
Kamouraska	945 08
Katevale	286 65
Kazubazua	596 00
Keaogami	1,672 50
Kiamika	215 92
Kildare	616 53
Kingsbury	819 99
Kingsey Falls	699 16
Kinnear's Mills	280 44
Kippewa	717 73
Knowlton	5,056 39
La Baie	1,491 60
La Baie Shawenegan	637 93
Labelle	1,651 25
L'Acadie	340 39
Lac à la Croix	254 18
Lac à la Tortue	376 89
Lac au Saumon	1,493 85
Lac aux Sables	414 91
Lac aux Sables Station	250 97
Lac Bouchette	521 48
Lac des Écorces	339 48
Lac des Iles	198 13
Lac Frontière	935 63
Lachute	6,919 40
Lachute Mills	1,833 21
Lac Masson	947 89
Lac Mercier	608 57
Lacolle	1,735 17
La Conception	185 98
Lac Ste. Marie	326 75
Ladysmith	285 80
Lake Edward	1,300 35
Lake Etchemin	838 17
Lake Mégantic	5,727 42
La Macaza	406 12
La Malbaie	3,921 55
Lamartine	423 52
Lambton	1,274 86
Langevin	1,013 65
L'Annonciation	1,621 71
Lanoraie	715 52
L'Anse à la Louise	316 51
L'Anse St. Jean	515 17
La Patrie	1,448 99
Laprairie	2,719 03
La Présentation	618 06
La Sarre	1,025 48
L'Ascension	528 28
L'Assomption	3,452 99
Laterrière	340 70
La Tortue	170 72
La Trappe	1,498 99
La Tuque	8,721 69
Laurentides	1,694 33
Laurier	274 54
Laurierville	814 59
Lauzon	2,457 84
Lauzon Ouest	735 65
Lavaltrie	389 45
L'Avenir	595 14
La Visitation	227 54
Lawrenceville	617 29
Leeds Village	848 35
Lemieux	403 93
Lennoxville	7,184 82
L'Épiphanie	1,971 47
Lesage	368 52
Les Éboulements	582 29
Les Écureuils	253 54
Les Escoumains	695 70
Lévis	6,548 90
Lime Ridge	217 69
Linière	1,074 03
L'Islet	1,908 46
Little Cascapedia	329 74
Little Métis Beach	1,617 87
Longueuil	3,987 65
Loretteville	727 93
Lorne	218 61
Lorrainville	530 72
Lotbinière	824 39
Louiseville	3,087 93
Lourdes	459 26
Low	339 89
Luceville	706 25
Luskville	374 89
Lyster Station	1,604 67
McKee	146 06
Macdonald College	3,307 42
Maddington Falls	503 33
Magog	7,687 35
Makamik	1,062 22
Mandeville	315 86
Maniwaki	1,635 22
Manouan	484 23
Manseau	864 86

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF QUEBEC—*Continued.*

Name of Office.	Revenue.
	$ cts.
Mansonville	1,775 90
Marbleton	780 43
Maria	659 69
Marieville	2,383 17
Marion Station	154 95
Martinville	368 05
Maryland	366 82
Mascouche	1,011 72
Masham Mills	366 14
Massawippi	456 05
Masson	884 97
Mastai	0 00
Matane	3,644 80
Matapedia	1,664 93
Melbourne	871 14
Metabetchouan	1,699 78
Milan	595 67
Mille Isles	120 77
Minerve	247 46
Mistassini	404 08
Montauban	1,061 70
Montauban-les-Mines	296 38
Mont Carmel	440 07
Montcerf	624 85
Monte Bello	1,602 09
Montfort	357 95
Mont Joli	5,010 79
Mont Laurier	3,437 48
Montmagny	7,374 14
Montmagny Station	3,075 21
Montmorency Village	1,978 78
Montpelier	334 07
Montreal	*2,353,045 65
*Divided as follows:—	
Head Office	1,399,449 44
Station A	42,879 00
Station B	185,655 56
Station C	32,129 12
Station D	12,012 53
Station E	27,563 74
Station F	11,779 14
Station H	75,868 24
Station M	7,492 94
Station N	26,883 48
Station O	3,888 52
Station S	4,829 15
Sub-Office No. 15	2,547 99
Sub-Office No. 16	5,142 50
Sub-Office No. 17	3,335 31
Sub Office No. 18	2,343 59
Sub Office No. 19	20,219 20
Sub-Office No. 20	7,221 05
Sub-Office No. 21	7,911 84
Sub-Office No. 22	1,661 21
Sub-Office No. 23	6,140 45
Sub-Office No. 26	4,014 41
Sub-Office No. 27	10,672 61
Sub-Office No. 31	2,706 31
Sub-Office No. 33	3,297 00
Sub-Office No. 35	8,240 63
Sub-Office No. 37	6,855 49
Sub-Office No. 38	4,957 37
Sub-Office No. 39	15,199 86
Sub-Office No. 41	3,269 00
Sub Office No. 42	6,054 38
Sub-Office No. 43	2,439 73
Sub-Office No. 44	1,244 90
Sub-Office No. 46	20,461 31
Sub-Office No. 47	15,827 17
Sub-Office No. 48	3,123 34
Sub-Office No. 49	1,414 76
Sub-Office No. 50	3,834 05
Sub-Office No. 51	8,705 84
Sub-Office No. 54	16,483 80
Sub-Office No. 56	367 83
Sub-Office No. 58	6,800 60
Sub-Office No. 60	1,437 00
Sub-Office No. 61	1,637 00
Sub-Office No. 64	4,485 07
Sub-Office No. 65	11,047 34
Sub-Office No. 66	7,393 95
Sub-Office No. 68	1,180 00
Montreal—*Concluded.*	
*Divided as follows—	
Sub-Office No. 69	380 23
Sub-Office No. 72	4,538 22
Sub-Office No. 73	4,811 38
Sub-Office No. 75	3,622 29
Sub-Office No. 77	11,299 65
Sub-Office No. 83	4,397 93
Sub-Office No. 85	1,517 06
Sub-Office No. 86	704 24
Sub-Office No. 93	4,341 33
Sub-Office No. 94	91 00
Sub-Office No. 95	8,185 23
Sub-Office No. 96	3,809 63
Sub-Office No. 97	4,126 60
Sub-Office No. 98	6,500 38
Sub-Office No. 99	1,430 00
Sub-Office No. 101	324 00
Sub-Office No. 102	1,197 22
Sub-Office No. 103	8,885 60
Sub-Office No. 104	2,552 45
Sub-Office No. 105	3,778 00
Sub-Office No. 106	4,876 23
Sub-Office No. 107	2,465 39
Sub-Office No. 108	966 71
Sub-Office No. 109	445 65
Ahuntsic	624 00
Beaudoin St	2,438 00
Bordeaux	180 00
Chaboillez Square	12,128 96
Côte des Neiges Ouest	187 33
Côte St. Louis	2,858 71
Côte St. Michel	192 00
Côte Visitation	584 00
Delorimier Postal Station	3,762 26
Dominion	1,357 61
Greenfield Park	332 30
Hochelaga	6,880 88
Lachine	7,042 90
Lachine Locks	9,988 72
Leduc	2,297 00
Long Point	2,221 38
Montreal South	245 70
Montreal West	4,036 79
Notre Dame de Grace	1,583 82
Notre Dame des Victoires	560 76
Ontario St. Centre	8,601 66
Ontario St. East	4,829 18
Parc Lafontaine	480 90
Park Avenue	13,181 38
Park Avenue Extension	1,229 78
Roy St	389 40
St. Catherine St. West	9,415 50
St. Cunegonde	12,627 80
St. Denis St	283 19
St. Henri de Montreal	24,417 12
St. Jean Baptiste de Montreal	6,402 89
St. Jean de la Croix	4,400 75
St. Lawrence St. Centre	12,929 81
St. Louis Square	3,884 96
St. Paul	5,823 90
Sault au Recollet	906 16
Tetreaultville	916 30
Verdun	11,942 79
Victoria Ave	18,666 24
Villeneuve	4,532 21
Villeray	1,636 44
Youville	693 00
Mont Rolland	752 77
Monument	294 67
Morin Heights	840 14
Mount Johnston	368 61
Mousseauville	145 31
Mystic	340 89
Namur	395 64
Napierville	1,027 95
Neilsonville	1,078 15
Neubois	399 92
Neuville	782 26
New Carlisle	3,840 05
New Glasgow	697 65
New Liverpool	253 25

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF QUEBEC—*Continued.*

Name of Office.	Revenue. $ cts.
Newport Centre	326 50
Newport Point	239 66
New Richmond	1,395 61
New Richmond Station	867 27
Nicolet	4,873 11
Nominingue	1,333 80
Normandin	1,067 87
North Coaticook	1,024 12
North Hatley	3,319 76
North Nation Mills	417 99
North Stanbridge	296 74
North Stukely	440 16
North Timiskaming	769 85
North Wakefield	493 68
Notre Dame de Ham	357 44
Notre-Dame de la Paix	216 44
Notre-Dame de la Salette	462 79
Notre-Dame de Levis	5,533 88
Notre-Dame de Rimouski	264 67
Notre-Dame des Bois	616 70
Notre-Dame du Portage	383 15
Notre-Dame de Stanbridge	420 81
Notre-Dame du Lac	1,369 57
Notre-Dame du Laus	336 97
Notre-Dame du Pont Main	180 00
Notre-Dame du Rosaire	617 88
Noyan	561 96
Oka	797 57
Ormstown	3,658 70
Ormstown Station	433 12
Padoue	397 35
Panet	466 51
Papineauville	2,121 45
Paquette	388 74
Parent	642 71
Parisville	356 53
Parkhurst	249 91
Paspébiac	1,923 99
Paspébiac West	488 71
Peninsula—Gaspé	385 56
Pentecost River	77 24
Percé	1,169 99
Peribonca	383 95
Perkins	453 01
Petite Matane	124 61
Phillipsburg East	824 55
Pierreville	2,854 79
Pintendre	156 47
Piopolis	202 02
Plaisance	454 67
Plessisville	3,442 76
Plessisville Station	1,741 57
Pointe au Pic	2,184 17
Pointe aux Trembles (Laval)	2,592 81
Pointe Basse	97 02
Pointe Claire	1,446 43
Pointe au Chêne	383 80
Pointe du Lac	523 60
Pointe Gatineau	861 80
Pointe Fortune	900 93
Point St. Peter	153 12
Poltimore	399 74
Pontbriand	248 12
Pont de Maskinongé	1,089 83
Pont Etchemin	1,098 99
Pont Rouge	1,889 31
Portage du Fort	866 73
Port Daniel Centre	672 34
Port Daniel East	648 74
Portneuf	1,262 01
Portneuf Station	824 49
Price	1,253 27
Princeville	1,764 62
Privat	721 28
Proulxville	556 06
Quai de Rimouski	333 35
Quai des Eboulements	271 07
Quebec	*311,642 88
*Divided as follows:—	
Head Office	125,102 66
Station B	59,030 22
Candiac	8,083 92
Faubourg St. Jean-Baptiste	28,634 68
Lairet	689 00
Limoilou	2,560 25
Paiais	5,556 77
Rue St. Joseph	10,953 55
St. Roch de Québec	47,422 64
St. Sauveur de Québec	11,551 61
Sans Bruit	6,878 59
Stadacona	170 88
Valcartier Military Camp	4,355 25
Sub-Office No. 1	652 50
Quyon	2,250 63
Racine	421 43
Rapide de l'Orignal	524 15
Rapides des Joachims	321 31
Rawdon	1,754 76
Rectory Hill	44 71
Repentigny	141 39
Restigouche	713 96
Richardville	209 45
Richmond	8,517 52
Rigaud	3,088 53
Rimouski	7,693 01
Ripon	468 03
River Beaudette	600 05
River Désert	2,033 58
Riverfield	238 56
Rivière Joseph	214 83
Rivière à Pierre	884 31
Rivière Bell	299 95
Rivière Bleue	1,057 02
Rivière Bois-Clair	769 89
Rivière du Loup (en bas)	6,582 45
Rivière du Loup Station	6,093 83
Rivière du Moulin	793 26
Rivière Ouelle	394 28
Rivière Paquette	305 21
Rivière Trois-Pistoles	669 05
Rivington	252 98
Robertsonville	1,237 89
Roberval	6,607 15
Robitaille	470 30
Rochon	215 13
Rock Forest	340 02
Rock Island	8,439 61
Rougemont Station	387 94
Roxton Falls	1,908 74
Roxton Pond	735 39
Rupert	307 02
St. Adalbert	186 59
Ste. Adélaide de Pabos	442 38
Ste. Adèle	973 94
St. Adolphe de Champlain	707 09
St. Adolphe de Dudswell	450 16
St. Adolphe de Howard	276 88
St. Adrien	387 95
St. Agapit	471 21
Ste. Agathe de Lotbinière	884 91
Ste. Agathe des Monts	6,687 96
Ste. Agnès de Dundee	393 56
St. Aimé	1,074 66
St. Alban	603 37
St. Alexandre d'Iberville	661 64
St. Alexandre de Kamouraska	1,058 20
St. Alexis de Montcalm	843 48
St. Alexis des Monts	577 88
St. Alphonse de Caplan	235 94
St. Anaclet	550 94
Ste. Anastasie	483 66
St. André Avelin	1,112 31
St. André de Kamouraska	1,186 18
St. André de Restigouche	153 79
St. Andrews-East	1,379 30
Ste. Angèle de Laval	718 81
Ste. Angèle de Monnoir	368 16
Ste. Angèle de Rimouski	624 08
St. Anicet	890 40
St. Anne de Beaupré	2,695 73
Ste. Anne de Bellevue	2,800 74
Ste. Anne de la Pérade	2,071 61

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF QUEBEC—*Continued.*

Name of Office.	Revenue.	Name of Office.	Revenue.
	$ cts.		$ cts.
Ste. Anne de la Pocatière	3,753 29	Ste. Emélie de Lotbinière	703 04
Ste. Anne des Monts	901 10	Ste. Emile de Suffolk	301 18
Ste. Anne des Plaines	518 58	St. Ephrem de Tring	1,316 70
St. Anselme	1,123 58	St. Esprit	562 49
St. Anselme Station	685 43	St. Etienne de Beauharnois	170 04
St. Antoine, Lotbinière	476 32	St. Etienne de Bolton	220 35
Ste. Antoine, River Richelieu	1,054 20	St. Etienne des Grès	258 41
St. Apollinaire	721 17	St. Eugène de Grantham	461 16
Ste. Apolline de Patton	207 92	St. Eugène de Guigues	134 92
St. Armand Station	886 58	Ste. Eulalie	620 35
St. Arsène	467 83	St. Eusèbe	213 28
St. Aubert	616 61	St. Eustache	2,471 70
St. Augustin de Québec	641 88	St. Evariste de Forsyth	359 55
St. Augustin, Two Mountains	518 94	St. Evariste Station	1,950 68
St. Barnabé Nord	978 21	St. Fabien	1,131 87
St. Barnabé Sud	366 47	Ste. Famille	268 67
St. Barthélemi	1,605 78	St. Faustin	314 28
St. Bazile de Portneuf	1,396 84	St. Faustin Station	814 58
St. Bazile le Grand	380 75	St. Félicien	2,046 12
Ste. Beatrix	375 37	Ste. Félicité	415 52
St. Benoit	626 72	St. Félix de Kingsey	814 13
St. Benoit Labre	527 25	St. Félix de Valois	1,307 97
St. Bernard de Dorchester	544 30	St. Ferdinand	1,500 24
St. Blaise	267 58	St. Flavien	922 82
St. Bonaventure	445 56	Ste. Flore	523 95
Ste. Brigide d'Iberville	386 52	Ste. Florence	420 72
Ste. Brigitte des Saults	109 89	St. Fortunat	265 10
St. Bruno	317 89	St. Foy	414 95
St. Bruno, Lac St. Jean	457 38	St. François de Sales Station	268 74
St. Calixte de Kilkenny	250 72	St. François du Lac	1,130 73
St. Camille	845 16	St. François Montmagny	606 98
St. Camille de Belleehasse	1,624 62	St. François Xavier, de Brompton	670 78
St. Canute	254 64	St. Frédéric	364 15
St. Casimir	2,402 16	St. Gabriel de Brandon	2,217 26
Ste. Catherine	475 29	St. Gabriel de Rimouski	525 40
St. Catherine's Bay	88 61	St. Gabriel Station	129 60
Ste. Céeile de Masham	401 64	St. Gédéon	595 02
Ste. Céeile de Milton	257 09	St. Gédéon de Beauce	338 19
Ste. Céeile de Whitton	272 86	Ste. Geneviève de Batiscan	1,419 65
Ste. Céeile Station	185 90	Ste. Geneviève de Pierrefonds	900 08
St. Célestin	714 11	St. George Beauce	1,090 94
St. Césaire	2,045 87	St. George de Windsor	522 41
St. Charles de Bellechasse	1,356 37	St. Georges Est	4,221 69
St. Charles de Caplan	676 97	St. Gérard	541 40
St. Charles River Richelieu	1,409 94	St. Gérard d'Yamaska	143 11
Ste. Christine	124 77	St. Germain de Grantham	1,410 21
St. Chrysostôme	1,686 73	St. Germain de Kamouraska	262 97
Ste. Claire	1,228 21	Ste. Germaine Station	248 96
St. Claude	158 83	Ste. Gertrude	504 46
St. Clement	403 75	St. Gervais	1,449 41
St. Clet	1,108 09	St. Giles	277 63
Ste. Clothilde	971 11	St. Godfroy	436 30
St. Côme	228 72	St. Grégoire	1,050 94
St. Constant	646 44	St. Guillaume d'Upton	1,666 50
Ste. Croix	1,086 37	St. Guillaume Station	349 67
St. Cyprien	246 44	Ste. Hélène de Bagot	496 63
St. Cuthbert	1,182 84	Ste. Hélène de Kamouraska	633 73
St. Cyrille de l'Islet	670 03	Ste. Hénédine	1,099 38
St. Cyrille de Wendover	2,048 40	St. Henri de Lévis	877 06
St. Damase	375 30	St. Hermas	1,004 52
St. Damase de Metane	381 34	St. Hérménégilde	368 93
St. Damase des Aulnaies	165 57	St. Hilaire Station	851 24
St. Damien de Brandon	351 07	St. Hilaire Village	624 19
St. Damien de Buckland	660 57	St. Hilarion	153 72
St. David de Lévis	401 34	St. Hippolyte de Kilkenny	354 00
St. David d'Yamaska	557 66	St. Honoré	558 36
St. Denis de la Bouteillerie	514 52	St. Hubert	492 92
St. Denis River Richelieu	1,403 63	St. Hugues	904 12
St. Désiré du Lac Noir	398 74	St. Hyacinthe	24,032 84
St. Didace	299 36	St. Irénée	421 04
St. Dominique de Bagot	499 77	St. Isidore d'Auckland	453 82
St. Donat	388 66	St. Isidore Dorchester	589 02
St. Donat de Montcalm	294 60	St. Isidore Laprairie	464 86
St. Edouard de Napierville	249 96	St. Jacques	1,732 34
St. Edwidge	475 08	St. Jacques le Mineur	250 64
St. Eleuthère	685 70	St. Janvier	383 24
St. Elie	459 39	St. Jean	19,532 25
Ste. Elizabeth	835 69	St. Jean Baptiste de Rouville	503 68
St. Eloi	472 93	St. Jean Chrysostôme	927 41
St. Elzéar de Beauce	371 07	St. Jean de Dieu	558 91
St. Elzéar de Laval	415 38	St. Jean de Matha	642 40
Ste. Emélie de L'Energie	630 31	St. Jean des Piles	267 31

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF QUEBEC—*Continued.*

Name of Office.	Revenue.
	$ cts.
St. Jean d'Orléans	425 08
St. Jean L'Evangéliste	433 57
St. Jean Port Joli	1,163 98
St. Jerôme	6,536 50
St. Joachim de Montmorency	243 50
St. Joseph d'Alma	1,156 92
St. Joseph de Beauce	4,341 52
St. Joseph de Levis	804 87
St. Joseph de Sorel	399 31
St. Joseph du Lac	199 80
St. Jovite	1,477 02
St. Jovite Station	930 04
St. Jude	546 52
Ste. Julie de Verchères	463 16
Ste. Julie Station	266 56
Ste. Julienne	594 67
St. Justin	540 91
St. Justin de Newton	732 71
Ste. Justine Station	270 76
St. Lambert (Chambly)	19,217 21
St. Lambert de Lévis	348 00
St. Laurent d'Orleans	471 02
St. Lazare Village	368 94
St. Léon	914 20
St. Léonard d'Aston	1,332 38
St. Léonard de Portneuf	359 45
St. Léon le Grand	479 13
St. Liboire	908 61
St. Louis de Courville	480 64
St. Louis de Gonzague	887 40
St. Louis du Ha-Ha	488 67
Ste. Louise	523 22
Ste. Luce	216 67
Ste. Lucie de Beauregard	256 18
Ste. Lucie de Doncaster	278 38
St. Ludger	841 00
Ste. Madeleine	1,214 69
St. Magloire	521 97
St. Malachie	564 52
St. Malo	464 58
St. Marc	384 21
St. Marc des Carrières	1,077 25
St. Marcel de Richelieu	258 24
Ste. Marguerite de Dorchester	506 82
Ste. Marie Beauce	3,759 47
Ste. Marthe	399 47
St. Martin	309 10
Ste. Martine	638 59
St. Maurice	580 73
Ste. Mélanie	239 30
St. Michel de Bellechasse	784 96
St. Michel de Napierville	231 17
St. Michel des Saints	760 55
St. Moise Station	955 10
Ste. Monique de Nicolet	624 90
Ste. Monique des Deux-Montagnes	290 13
St. Narcisse	834 51
St. Nazaire	469 24
St. Nicholas	305 45
St. Nicholas Station	1,154 33
St. Norbert Berthier	323 24
St. Norbert d'Arthabaska	373 15
St. Octave	688 57
St. Odilon	352 62
St. Omer	354 16
St. Ours	1,077 90
St. Pacôme	1,456 30
St. Pamphile	1,230 68
St. Pascal	2,427 23
St. Paul de Chester	392 40
St. Paul du Buton	524 16
St. Paulin	730 19
St. Paul l'Ermite	320 07
Ste. Perpétue	431 63
St. Philémon	434 53
St. Philippe d'Argenteuil	725 44
St. Philippe de Laprairie	501 24
St. Philippe de Nery	391 60
St. Philippe, Ouest	349 80
Ste. Philomène	277 56
Ste. Philomène de Fortierville	691 38
St. Pie	1,815 22
St. Pierre Baptiste	250 90
St. Pierre les Becquets	525 42
St. Pierre Montmagny	549 16
St. Placide	354 56
St. Polycarpe	1,114 09
St. Prime	596 55
St. Prosper	669 72
St. Prosper de Dorchester	893 97
St. Raphaël, East	881 03
St. Raymond	2,803 86
St. Rémi	2,569 22
St. Rémi d'Amherst	566 35
St. Rémi de Tingwick	456 21
St. Robert	262 58
St. Roch de Richelieu	407 75
St. Roch des Aulnaies	452 92
St. Roch l'Achigan	623 31
St. Romain	280 19
St. Romuald d'Etchemin	2,059 00
St. Rosaire	531 35
Ste. Rosalie	646 90
Ste. Rose	1,457 02
Ste. Rose de Lima	426 00
Ste. Rose du Dégelé	928 16
Ste. Sabine de Bellechasse	208 20
Ste. Sabine Station	398 44
St. Samuel de Gayhurst	527 81
St. Sauveur des Montagnes	440 34
Ste. Scholastique	2,621 01
St. Sébastien	602 94
St. Sebastien de Beauce	586 65
St. Siméon	345 08
St. Simon de Rimouski	454 33
St. Simon de Yamaska	494 69
St. Sixte	165 76
St. Sophie de Lacorne	327 53
Ste. Sophie de Lévrard	697 96
Ste. Sophie de Mégantic	648 02
St. Stanislas de Champlain	1,099 24
St. Stanislas de Kostka	362 27
St. Sylvère	458 32
St. Sylvestre	813 52
St. Télesphore	415 70
Ste. Thècle	1,192 53
Ste. Thècle Station	672 08
St. Théodore	245 20
St. Théodore d'Acton	387 12
Ste. Thérèse de Blainville	3,807 94
St. Thomas de Joliette	407 92
St. Timothée	453 43
St. Tite	3,308 36
St. Tite des Caps	331 75
St. Ubalde	635 94
St. Ulric Station	905 49
St. Urbain de Charlevoix	337 58
St. Urbain de Chateauguay	513 94
Ste. Ursule	647 22
St. Valentin	393 97
St. Valérien	360 74
St. Vallier	508 40
St. Vallier Station	276 29
Ste. Véronique	159 02
St. Victor de Tring	991 81
Ste. Victoire	291 19
St. Vincent de Paul	1,096 59
St. Wenceslas	523 39
St. Zacharie	716 78
St. Zenon	409 38
St. Zéphirin	590 71
St. Zotique	202 82
Sabrevois	367 58
Sandy Bay	763 70
Sawyerville	2,156 37
Sayabec	771 67
Sayabec Station	1,837 80
Scotstown	2,690 64
Scott Junction	935 59
Seven Islands	338 94
Shawbridge	991 73
Shawenegan	745 43
Shawenegan Falls	15,158 80
Shawville	4,091 57

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF QUEBEC—*Concluded.*

Name of Office.	Revenue.
	$ cts.
Sheenborough	475 24
Sherbrooke	*76,627 02
*Divided as follows:—	
Head Office	60,513 42
East Sherbrooke	6,398 52
South Sherbrooke	9,328 30
Sherbrooke Sub. No. 3	386 78
Sherrington	365 15
Shigawake	395 68
Sillery	418 72
Sixteen Island Lake	532 62
Smith's Mills	611 64
Sorel	11,651 12
South Bolton	257 37
South Durham	1,605 69
South Quebec	313 03
South Roxton	701 37
South Stukely	716 47
Spring Hill	385 36
Stanbridge East	1,268 38
Stanbridge Station	322 52
Standon	442 05
Stanstead	2,745 01
Stoke Centre	325 23
Stornoway	429 15
Stratford Centre	279 57
Sully	370 58
Sutton	5,120 41
Sutton Junction	724 95
Sweetsburg	1,532 74
Tadousac	1,124 23
Taillon	378 27
Taschereau	881 19
Terrebonne	4,596 54
Terre Haute	112 20
Thetford Mines	9,046 99
Thetford Mines West	1,645 07
Thurso	1,494 69
Tikuape	367 12
Tingwick	628 25
Tremblay	686 58
Trenholme	260 35
Tring Junction	572 06
Trois Pistoles	2,986 92
Trois Rivieres	*32,171 49
*Divided as follows:—	
Head Office	28,821 99
Sub-Office No. 1	3,349 50
Ulverton	351 56
Upton	1,204 39
Val Barette	675 21
Val Brillant	1,654 91
Valcourt	1,486 34
Val des Bois	414 98
Val Jalbert	458 19
Valleyfield	10,637 00
Val Quesnel	359 56
Valracine	262 52
Val Morin	348 30
Varennes	1,150 97
Vaudreuil	1,059 12
Vaudreuil Station	2,059 20
Venosta	348 34
Verchères	1,175 32
Victoriaville	10,141 19
Viger	624 38
Village des Aulnaies	441 34
Village Richelieu	808 52
Ville Marie	1,666 26
Village St. Onge	1,015 02
Ville Saint Pierre	4,764 37
Wakefield	1,034 69
Waltham Station	460 24
Warden	856 96
Warwick	2,836 19
Waterloo	5,734 21
Waterville	2,061 02
Way's Mills	435 18
Weedon	1,572 12
Weir	604 93
West Brome	711 03
West Broughton	458 43
Westmount	26,345 29
West Shefford	1,244 23
Wickham West	925 81
Windsor	2,886 95
Windsor East	1,456 25
Woburn	326 69
Wolfstown	346 48
Wotton	1,232 70
Wright	651 50
Wyman	536 60
Yamachiche	1,501 40
Yamaska	486 23
Yamaska East	385 09
Non-accounting Post Offices	133,666 78
	4,126,991 85
Less Value of Postage Stamps affixed to Postal Notes	3,454 05
	4,123,537 80

PROVINCE OF NOVA SCOTIA.

Advocate Harbour	911 55
Aldershot Military Camp	1,426 50
Amherst	*39,070 43
*Divided as follows:—	
Head office	36,684 37
Sub-office No. 1	1,999 33
Sub-office No. 2	386 73
Annapolis Royal	6,121 08
Antigonish	10,042 63
Arcadia	721 24
Arichat	1,637 45
Athol	381 51
Auburn	504 96
Avonport Station	424 85
Aylesford	2,786 02
Baddeck	2,917 02
Bailey's Brook	219 43
Barrington	1,515 59
Barrington Passage	1,586 64
Barss' Corners	819 21
Barton	401 33
Bass River	1,053 74
Bayfield	262 69
Bear River	3,381 28
Bedford	1,950 13
Belliveau Cove	595 15
Belmont	694 74
Berwick	4,782 49
Big Bras d'Or	228 00
Big Tracadie	397 02
Bill Town	280 45
Birch Grove	584 50
Blandford	321 74
Boylston	592 78
Bridgeport	748 74
Bridgetown	5,812 78
Bridgeville	225 45
Bridgewater	13,939 86
Brookfield (Colchester)	965 61
Brookfield (Queens)	388 11
Brooklyn (Queens)	553 33
Broughton	133 56
Caledonia (Queens)	1,252 72
Caledonia Mines	1,285 95
Cambridge Station	623 76
Canning	3,266 25
Canso	4,233 82
Cape North	394 98
Carleton	419 48
Centre Burlington	419 51

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

Name of Office.	Revenue.
	$ cts.
Centreville	580 10
Chester	3,150 85
Chester Basin	910 76
Cheverie	618 93
Chignecto	296 49
Christmas Island	353 86
Church Point	923 43
Clarence	128 63
Clark's Harbour	1,713 72
Clements port	943 69
Clementsvale	429 27
Cleveland	341 98
Clyde River	415 35
Cold Brook Station	322 38
Collingwood Corner	558 10
Conquerall Banks	315 74
Crossburn	439 00
Cross Roads, Country Harbour	267 96
Dartmouth	10,538 94
Debert Station	658 11
Deep Brook	642 04
Denmark	491 32
Descousse	652 49
Digby	8,252 73
Dominion No. 4	949 67
Dominion No. 6	833 86
Earlton	242 36
East Apple River	435 62
East Erinville	77 57
Eastern Harbour	890 60
East Pubnico	275 80
Economy	547 49
Eel Brook	281 99
Elderbank	493 57
Ellershouse	538 07
Elmsdale	1,250 75
Enfield	593 36
English Town	293 75
Eureka	829 71
Falmouth Station	693 54
Five Islands	568 14
Florence	1,340 60
Fortier Settlement	177 60
Frankville	390 53
Freeport	900 74
Frizzleton	339 33
Gabarouse	202 78
Gaspereaux	1,587 53
Gay's River	268 79
Glace Bay	15,513 80
Glenholme	428 75
Glenwood	187 85
Goldboro	686 53
Gold River	511 78
Goldenville	233 22
Grafton	405 07
Grand Etang	428 29
Grand Narrows	310 62
Grand Pré	772 64
Grand River	384 98
Granville Centre	565 24
Granville Ferry	1,695 88
Great Village	1,564 42
Greenwich	966 49
Guysborough	2,527 28
Halifax	*278,324 00
*Divided as follows:—	
Head Office	247,558 77
Sub-Office No. 3	1,495 00
Sub-Office No. 4	2,279 17
Sub-Office No. 5	380 18
Armdale	1,252 09
Fairview Station	366 59
Gottingen Street	17,571 90
Morris Street	7,420 39
Hampton	345 93
Hantsport	3,322 62
Havre Boucher	409 67
Hazel Hill	946 33
Heatherton	386 38
Hebron	1,002 75
Hopewell	1,161 77

Name of Office.	Revenue.
	$ cts.
Hortonville	493 57
Hubbard's	1,108 85
Ingonish	192 88
Ingramport	407 00
Inverness	4,393 43
Iona	419 19
Irish Cove	185 97
Isaac's Harbour	437 75
Joggin Mines	2,656 46
Jordan Falls	491 32
Kempt	296 37
Kemptville	498 36
Kentville	15,190 32
Kingsport	723 76
Kingston Station	1,858 07
La Have	995 39
Lantz Siding	236 23
L'Ardoise	414 88
Larry's River	254 28
Lawrencetown	2,159 55
Liscomb	388 65
Little Bras d'Or	256 20
Little River	511 19
Liverpool	8,273 77
Lochaber	479 34
Lockport	2,528 61
Londonderry	1,925 27
Louisburg	2,950 67
Louisdale	167 11
Lower Argyle	409 35
Lower East Pubnico	453 53
Lower L'Ardoise	413 05
Lower Wood Harbour	1,007 92
Lunenburg	9,843 13
Lydgate	329 23
Lyons Brook	576 99
McGray	167 50
McKay's Corner	254 01
Mabou	1,052 86
Maccan	1,066 82
Mahone Bay	3,647 51
Main à Dieu	296 84
Maitland (Annapolis)	368 24
Maitland (Hants)	1,223 00
Marble Mountain	844 19
Margaree Forks	374 01
Margaree Harbour	577 26
Margaretsville	631 82
Marion Bridge	256 81
Melvern Square	635 51
Merigomish	653 65
Meteghan	946 85
Meteghan River	901 18
Middle Musquodoboit	1,541 76
Middle Stewiacke	382 09
Middleton	5,618 00
Middle West Pubnico	267 38
Milford Station	951 02
Mill Village	680 74
Milton	1,479 54
Morden	223 09
Moser's River	390 25
Mount Uniacke	527 78
Mulgrave	2,688 96
Musquodoboit Harbour	1,108 00
Nappan Station	664 34
New Aberdeen	2,782 24
New Campbellton	130 10
New Germany	1,269 91
New Glasgow	39,138 98
Newport	1,095 69
Newport Landing	453 42
New Ross	909 66
New Waterford	5,099 09
Nictaux Falls	396 39
Noel	541 15
North Brookfield	313 42
North Lochaber	1,152 12
North Port	636 30
North Sydney	15,840 40
Old Barns	592 65
Old Bridgeport	1,448 85

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF NOVA SCOTIA—*Concluded.*

Name of Office.	Revenue.
	$ cts.
Oldham	347 82
Orangedale	596 50
Oxford	5,790 81
Paradise	845 91
Parrsboro	5,891 05
Petite de Grat Bridge	264 15
Petite Rivière Bridge	738 48
Pictou	13,268 47
Pictou Landing	324 56
Plympton	359 48
Point Tupper	676 11
Port Clyde	371 84
Port Dufferin	539 53
Port Greville	1,010 12
Port Hastings	770 63
Port Hawkesbury	2,748 19
Port Hood	1,594 66
Port Hood Mines	229 75
Port Howe	326 24
Port La Tour	349 37
Port Lorne	333 63
Port Maitland	1,122 92
Port Medway	655 73
Port Morien	1,321 85
Port Mouton	435 72
Port Williams	1,607 83
Prospect	226 88
Pubnico Head	694 42
Pugwash	3,005 37
Pugwash Junction	306 21
Queensport	332 37
Reserve Mines	808 50
River Bourgeois	290 49
River Dennis Station	314 73
River Hebert	2,627 89
River John	2,103 52
Riverport	938 13
Rockdale	214 06
Rose Bay	357 88
Roseway	228 59
Round Hill	640 16
St. Andrews	275 58
Ste. Croix	348 16
St. Peter's	2,090 57
Salmon River	351 61
Sandy Cove	547 31
Sandy Point	407 72
Saulnierville	307 67
Scotch Village	293 19
Scotsburn Station	1,183 55
Scotsville	191 12
Shag Harbour	315 33
Sheet Harbour	849 87
Shelburne	4,310 30
Sherbrooke	1,318 25
Shinimecas Bridge	337 45
Ship Harbour	230 50
Shubenacadie	2,924 75
Smith's Cove	578 65
Somerset	513 43
Sonora	312 68
Southampton	416 00
South Farmington	389 54
South Gut of St. Ann's	198 03
South Maitland	534 87
South Ohio	934 99
Springfield	1,172 08
Springhill	9,164 07
Springhill Junction	536 94
Spry Bay	213 19
Stake Road	561 93
Stellarton	9,752 74
Stewiacke	2,575 51
Strathlorne	242 14
Summerville	349 46
Sunnybrae	536 74
Surette Island	204 80
Sydney	*52,057 80
*Divided as follows:—	
Head Office	51,816 80
Ashby	241 00
Sydney Mines	10,516 07
Tancook Island	313 26
Tangier	576 33
Tatamagouche	3,379 01
Thompson's Station	372 86
Thorburn	837 74
Tidnish	217 41
Tiverton	903 20
Torbrook Mines	456 12
Tracadie	342 78
Trenton	7,967 19
Truro	45,794 29
Tusket	928 37
Upper Kennetcook	343 80
Upper Musquodoboit	826 33
Upper Port la Tour	291 21
Upper Stewiacke	1,247 73
Victoria Beach	343 20
Wallace	1,109 00
Walton	690 67
Waterville	1,488 36
Waverley	232 53
Wedgeport	434 80
Wentworth Centre	121 35
West Arichat	423 87
West Bay	436 52
West Branch River John	263 93
West Chester Station	659 66
West Dublin	359 85
West Gore	491 40
West La Have	481 83
Westport	1,244 29
West Pubnico	565 16
West River Station	518 54
Westville	7,708 09
Weymouth	2,923 12
Weymouth North	594 62
Whitehead	283 69
Whitney Pier	5,554 85
Whycocomagh	830 94
Wilkin Siding	174 75
Williamsdale East	180 47
Wilmot	425 79
Windsor	17,780 41
Wolfville	9,294 41
Yarmouth	22,340 76
Yarmouth North	2,241 69
Yarmouth South	1,730 25
Non-Accounting Post Offices	130,291 66
	1,090,185 22
Less value of Postage Stamps affixed to Postal Notes	913 74
	1,089,271 48

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF NEW BRUNSWICK.

Name of Office.	Revenue.
	$ cts.
Adamsville	302 40
Albert	1,009 67
Alma	822 29
Anagance	560 10
Anderson Siding	1,358 70
Andover	1,229 06
Apohaqui	1,310 75
Aroostock Junction	716 40
Baie Verte	563 62
Baker Brook	424 85
Bass River	544 46
Bath	2,330 14
Bathurst	10,178 00
Bayfield	850 22
Beaver Harbour	531 20
Benton	806 65
Blackville	1,231 14
Bloomfield Station	472 60
Boiestown	1,322 56
Bristol	879 57
Buctouche	2,096 92
Burtt's Corner	712 54
Butternut Ridge	1,364 01
Cambridge	519 95
Campbellton	17,218 47
Campo Bello	667 28
Canterbury Station	1,434 02
Cape Bald	351 59
Caraquet	2,044 02
Central Blissville	193 17
Centreville	2,315 89
Chatham	12,351 58
Chipman	2,680 10
Clair	410 19
Clifton	429 60
Cocagne	246 67
Cody's	659 62
Coldstream	398 99
Cole's Island	571 21
Collina	391 55
Corn Hill	302 65
Cross Creek	995 53
Cumberland Bay	534 80
Dalhousie	4,116 00
Debec	1,223 98
Doaktown	1,776 44
Dorchester	3,046 48
Douglastown	651 59
Durham Bridge	368 40
Durham Centre	627 49
East Florenceville	1,700 36
East St. John	652 37
Edmundston	6,007 41
Eel River Crossing	662 67
Elgin	1,067 85
Elm Tree	410 99
Fairville	4,643 19
Florenceville	984 54
Fredericton	51,157 55
Fredericton Junction	910 85
Gagetown	1,587 73
Glassville	976 49
Grande Anse	647 41
Grand Falls	5,038 09
Grand Harbour	803 88
Great Shemogue	269 98
Green Point	329 80
Hampstead	455 20
Hampton	1,238 40
Hampton Station	2,467 53
Harcourt	1,513 67
Hartland	4,257 53
Harvey	320 12
Harvey Station	1,233 79
Hatfield Point	708 46
Hawkshaw	565 56
Hillsborough	2,979 12
Hopewell Cape	538 59
Hopewell Hill	442 47
Hoyt Station	598 69
Inkerman	254 16
Jacquet River	1,282 91
Jemseg	303 66
Kedgewick	985 75
Keswick Ridge	192 67
Kilburn	534 55
Kingston, Kings	277 51
Kouchibouguac	299 96
Lake Baker	244 84
Lakeville	755 02
Lambertville	198 66
Lameque	417 00
Leonardville	176 48
Lepreau	414 87
Little Shemogue	412 55
Loggieville	1,910 15
Lord's Cove	301 07
Lower Hainesville	479 16
Lower Southampton	1,066 61
McAdam Junction	3,661 91
Mace's Bay	210 58
Marysville	2,256 81
Maugerville	505 76
Meductic	178 11
Melrose	380 57
Memramcook	670 63
Middle Sackville	984 82
Millerton	1,202 21
Milltown	2,328 87
Millville	1,149 93
Minto	1,504 74
Moncton	*67,470 37
*Divided as follows:—	
Head Office	64,660 07
Sub-Office No. 2	2,201 50
Sub-Office No. 3	608 80
Moore's Mills	619 02
Morehouse	144 97
Mount Carmel	238 48
Mount Pleasant	270 46
Mouth of Keswick	569 75
Narrows	200 35
Nashwaaksis	634 63
Neguac	289 27
Newcastle	12,541 80
Newcastle Creek	422 98
New Mills	473 58
North Devon	1,419 98
North Head	1,237 28
Norton	2,105 96
Oak Point	343 27
Oromocto	1,144 54
Pennfield	215 49
Pennfield Ridge	232 98
Penobsquis	631 58
Perth	3,827 79
Petitcodiac	3,291 85
Petit Rocher	675 91
Pierston	49 30
Pinder	587 64
Plaster Rock	1,945 63
Pointe de Bute	384 23
Port Elgin	2,498 57
Prime	127 33
Prince William	625 83
Quarryville	188 22
Red Bank	625 01
Renton	2,892 59
Richibucto	2,856 05
Richmond Corner	125 56
Riley Brook	279 22
Riverbank	87 30
River Charlo	614 65
River de Chute	278 13
River Louison	525 11
River Side	779 87
Rockland	85 61
Rogersville	1,522 05
Rolling Dam Station	1,165 10
Rothesay	2,054 35
St. Andrews	5,932 71
Ste. Anne de Madawaska	248 68
St. Anthony	353 26
St. Basil	617 20

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF NEW BRUNSWICK—*Concluded.*

Name of Office.	Revenue. $ cts.
St. Charles	202 54
St. François de Madawaska	405 46
St. George	3,554 38
St. Jacques	373 03
St. John	*225,882 11
*Divided as follows:—	
Head Office	161,127 74
Sub-Office No. 1	5,630 72
Sub-Office No. 2	12,157 14
Sub-Office No. 3	7,356 62
Haymarket Square	3,899 84
Indian Town	5,355 66
Marsh Bridge	1,576 58
Sand Point Road	4 50
St. John North	5,197 86
St. John West	7,692 43
Union Street	15,883 02
St. Joseph, Westmoreland	1,156 87
St. Léonard Station	1,493 59
St. Louis de Kent	461 74
St. Martin's	1,378 28
St. Paul's	268 76
St. Stephen	17,032 66
Sackville	12,534 73
Salisbury	1,424 89
Salmonhurst	263 21
Scotch Town	82 14
Seal Cove	624 76
Shediac	5,179 72
Sheffield	225 30
Shippigan	788 61
Shives Athol	476 86
Siegas	256 13
South Branch of St. Nicolas River	217 52
South Devon	1,326 58
South Nelson	1,250 19
Springfield	420 31
Stanley	1,913 37
Stonehaven	500 63
Sunny Brae	692 62
Sussex	14,357 95
Tabucintac	510 55
Taymouth	561 96
Tracadie	1,760 16
Tracey Station	468 73
Upham	291 75
Upper Gagetown	372 35
Upper Kent	398 25
Upper Pockmouche	343 87
Upper Woodstock	553 32
Verret	72 01
Victoria—Carleton	655 01
Welsford	820 44
West Bathurst	2,201 92
Westfield	389 89
Wilson's Beach	505 16
Woodstock	16,782 11
Young's Cove Road	471 46
Zealand Station	317 87
Non-Accounting Post Offices	92,161 07
	749,692 23
Less value of Postage Stamps affixed to Postal Notes	628 72
	749,063 51

PROVINCE OF PRINCE EDWARD ISLAND.

Albany	948 95	Murray Harbour	963 54
Alberton	3,476 36	Murray River	858 99
Bedeque	555 25	New Glasgow	316 34
Belfast	484 69	New London	468 79
Bloomfield Station	727 12	New Wiltshire	1,093 93
Bonshaw	465 98	Northam	351 25
Breadalbane	1,090 79	O'Leary Station	2,604 15
Bridgetown	664 33	Peake Station	492 62
Bristol	245 97	Port Borden	222 15
Cape Traverse	1,009 04	Richmond	610 26
Cardigan	1,424 63	St. Louis	684 84
Central Bedeque	553 22	St. Peter's Bay	1,344 77
Charlottetown	48,861 36	Souris East	4,054 73
Clyde River	750 50	Stanley Bridge	483 58
Coleman	690 14	Summerside	16,813 67
East Baltic	428 36	Tignish	2,483 24
Elmira	516 48	Tyne Valley	642 41
Emerald	607 51	Vernon Bridge	605 30
Fredericton Station	398 73	Victoria	939 96
Freetown	506 35	Wellington Station	1,112 98
Georgetown	1,414 25	Non-Accounting Post Offices	18,066 50
Hunter's River	1,882 42		
Kensington	2,685 28		134,156 97
Kinross	496 86	Less value of Postal Stamps affixed to Postal Notes	117 36
Lot 56	395 18		
Montague	5,345 18		134,039 61
Morrell	899 74		
Mount Stewart	1,418 30		

PROVINCE OF MANITOBA.

Alexander	1,911 13	Arrow River	493 28
Altamont	823 53	Arnaud	697 70
Altona	2,300 69	Ashern	1,333 39
Amaranth	874 40	Ashville	358 38
Angusville	797 14	Austin	1,422 80
Arborg	1,309 31	Bagot	842 55
Arden	2,146 74	Baldur	2,319 51
Argyle	421 70	Balmoral	830 76

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF MANITOBA—*Continued.*

Name of Office.	Revenue.
	$ cts.
Bannerman	422 35
Barrows	511 58
Basswood	1,328 07
Beaman	109 24
Beauséjour	2,133 37
Beaver	379 86
Belleview	237 01
Belmont	2,507 35
Benito	2,057 36
Beresford	675 33
Bethany	369 77
Beulah	1,535 63
Binscarth	2,347 60
Bird's Hill	1,202 51
Birnie	748 30
Birtle	3,539 99
Boissevain	5,402 51
Bowsman River	2,271 40
Bradwardine	977 47
Brandon	91,698 06
Broad Valley	224 23
Brookdale	842 90
Broomhill	365 87
Brunkild	580 44
Bruxelles	309 03
Bunclody	184 84
Butler Station	249 18
Cameron	167 55
Camper	644 21
Carberry	5,818 42
Cardale	667 23
Cardinal	286 58
Carman	8,274 47
Carnegie	268 21
Carroll	889 67
Cartwright	2,850 97
Chatfield	298 09
Clandeboye	608 56
Clan William	1,240 51
Clearwater	975 28
Cordova	334 26
Coulter	399 96
Crandell	1,518 20
Cromer	620 32
Crystal City	2,703 51
Cypress River	2,393 88
Darlingford	1,841 52
Dand	485 43
Dauphin	18,263 36
Deepdale	770 49
Deleau	434 01
Deloraine	5,393 28
Desford	416 90
Dominion City	1,567 52
Douglas Station	864 92
Dunrea	1,175 93
Durban	1,125 43
East Kildonan	798 14
East Selkirk	350 16
Ebor	304 48
Eden	857 75
Edrans	577 16
Elgin	2,105 46
Elie	662 34
Elkhorn	3,626 46
Elm Creek	2,259 35
Elphinstone	904 87
Elva	594 76
Emerson	4,474 80
Erickson	593 33
Ericksdale	1,464 03
Erinview	296 14
Ethelbert	1,217 12
Ewart	237 56
Fairfax	561 53
Fannystelle	805 96
Firdale	221 43
Fork River	744 27
Forrest Station	543 36
Foxwarren	2,503 38
Franklin	1,335 47
Gardenton	394 47
Garson Quarry	360 53
Gilbert Plains	4,702 09
Gimli	1,602 00
Giroux	539 74
Gladstone	5,531 82
Glenboro	3,099 32
Glenella	1,557 56
Glenora	449 86
Goodlands	1,360 86
Grande Clairière	366 12
Grand View	5,643 29
Graysville	524 08
Greenway	634 17
Gregg	265 94
Gretna	2,023 65
Griswold	1,572 23
Gunton	637 46
Gypsumville	431 73
Hamiota	3,645 18
Harding	583 66
Hargrave	448 87
Harrowby	438 19
Harte Station	315 70
Hartney	4,332 84
Hayfield	388 18
Haywood	483 83
Headingly	668 85
High Bluff	1,151 61
Hilton	517 60
Holland	3,440 58
Holmfield	1,104 29
Icelandic River	793 61
Ingelow	288 42
Inwood	823 54
Isabella	603 73
Justice	433 73
Katrine	352 86
Kawende	1,469 55
Kelloe	771 09
Kelwood	1,597 87
Kenton	1,314 27
Kenville	832 15
Keyes	601 69
Killarney	5,598 49
Kirkfield Park	1,509 25
La Broquerie	503 42
Lac du Bonnet	1,121 90
Langruth	923 49
Larivière	1,331 10
La Salle	392 30
Lauder	1,205 60
Laurier	733 90
Lavenham	461 47
Lenore	1,411 15
Le Pas	7,601 99
Letellier	1,239 98
Loretto	310 76
Lowe Farm	682 27
Lundar	1,524 92
Lyleton	1,552 80
McAuley	1,239 88
McConnell	755 91
McCreary	1,859 63
MacDonald	851 61
MacGregor	3,348 16
Mafeking	188 33
Makinak	1,032 71
Manitou	4,692 90
Manson	513 83
Mariapolis	739 20
Marquette	572 92
Mather	1,006 05
Medora	820 28
Melita	5,158 01
Miami	2,506 39
Millwood	303 64
Miniota	2,121 68
Minitonas	1,630 12
Minnedosa	9,825 01
Minto	1,772 77
Moline	435 93
Moorepark	463 03

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF MANITOBA—*Concluded.*

Name of Office.	Revenue.
	$ cts.
Morden	7,062 10
Morris	2,634 50
Mowbray	378 42
Mulvihill	812 83
Myrtle	613 53
Napinka	2,456 00
Narcisse	373 41
Neelin	573 55
Neepawa	11,922 37
Nesbitt	952 01
Newdale	2,995 68
Ninette	2,582 98
Ninga	1,525 82
Notre Dame de Lourdes	976 27
Oak Bank	703 37
Oakburn	687 46
Oak Lake	3,853 32
Oak Point	632 23
Oak River	1,905 14
Oberon	317 99
Ochre River	1,254 86
Otterburne	1,241 81
Petersfield	559 92
Petrel	118 14
Pettapiece	262 65
Pierson	1,454 70
Pilot Mound	3,826 45
Pipestone	1,845 16
Plumas	2,431 69
Plum Coulee	1,711 38
Pope	379 61
Poplar Point	707 51
Portage la Prairie	33,542 83
Purves	383 04
Rapid City	3,328 30
Rathwell	1,988 03
Reaburn	348 90
Regent	337 55
Rembrandt	211 10
Reston	3,633 73
Riding Mountain	548 96
Ridgeville	742 17
Rivers	2,573 68
Roblin	4,413 93
Roland	3,630 79
Rosebank	629 23
Roseisle	828 71
Rosenfeld	765 41
Rossburn	2,291 76
Rossendale	537 34
Rosser	1,026 89
Rounthwaite	470 58
Russell	6,453 24
Ste. Agathe	581 77
St. Alphonse	220 14
Ste. Anne des Chênes	918 43
St. Claude	1,116 78
St. Jean Baptiste	1,235 06
St. Laurent	832 66
St. Lazare	503 32
St. Norbert	741 69
St. Pierre Joly's	1,563 32
Ste. Rose du Lac	1,985 84
Sandy Lake	617 92
Sanford	1,037 85
Scandinavia	125 50
Selkirk	8,249 36
Shellmouth	847 79
Shoal Lake	5,240 33
Sidney	1,224 37
Sifton	1,040 49
Silverton Station	440 18
Sinclair Station	814 31
Snow Flake	1,124 48
Solsgirth	1,347 80
Somerset	2,256 06
Souris	8,389 65
Sperling	1,652 75
Sprague	392 86
Starbuck	1,359 34
Steinbach	1,624 59
Stephenfield	237 71
Stockton	642 49
Stonewall	5,437 99
Stony Mountain	572 08
Strathclair	2,425 99
Stuartburn	279 38
Swan Lake	1,697 07
Swan River	4,992 98
Teulon	1,948 33
Thornhill	649 75
Tilston	685 37
Transcona	6,388 06
Treesbank	575 90
Treherne	3,755 15
Tyndall	795 60
Underhill	261 30
Valley River	303 80
Virden	12,378 33
Vista	368 50
Vita	474 67
Wakopa	248 90
Warrenton	424 89
Waskada	2,369 86
Wawanesa	7,218 18
Wellwood	1,010 43
Westbourne	1,307 61
Wheatland	316 84
Whitemouth	969 92
Whitewater	426 11
Winkler	2,536 31
Winnipeg	*2,452,902 96
*Divided as follows:—	
Head Office	1,344,865 63
Station B	27,650 54
Station C	12,499 79
Station D	13,123 13
Sub-Office No. 2	5,537 18
Sub-Office No. 3	23,372 86
Sub-Office No. 4	36,506 01
Sub-Office No. 5	14,604 31
Sub-Office No. 6	10,426 80
Sub-Office No. 7	16,499 17
Sub-Office No. 8	1,186 53
Sub-Office No. 9	9,588 64
Sub-Office No. 10	20,413 53
Sub-Office No. 11	4,563 86
Sub-Office No. 12	5,864 68
Sub-Office No. 13	7,394 30
Sub-Office No. 14	1,777 38
Sub-Office No. 17	5,233 83
Sub-Office No. 18	4,396 25
Sub-Office No. 19	820 00
Sub-Office No. 20	3,894 83
Sub-Office No. 21	7,304 45
Sub-Office No. 22	4,360 25
Sub-Office No. 23	670,421 75
Sub-Office No. 24	1,023 16
Sub-Office No. 25	128,190 92
Sub-Office No. 27	4,403 24
Dickens	822 90
Fort Rouge	12,778 55
Grand Vital	715 73
Inkster	5,400 30
Karnac	4,450 73
Kildonnan West	1,347 32
King Edward	1,338 23
Louise Bridge	11,573 58
Morse Place	161 00
Norwood Grove	11,553 94
St. Boniface	16,837 66
Winnipeg Beach	1,712 96
Winnipegosis	2,283 68
Woodlands	583 12
Woodnorth	604 92
Non-Accounting Post Offices	53,836 64
	3,112,021 28
Less value of Postage Stamps affixed to Postal Notes	2,607 57
	3,109,413 71

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF SASKATCHEWAN.

Name of Office.	Revenue.	Name of Office.	Revenue.
	$ cts.		$ cts.
Abbey	3,657 63	Carievale	1,887 21
Aberdeen	2,022 06	Carlyle	3,536 88
Abernethy	2,189 16	Carmel Station	440 87
Adanac	1,104 23	Carmichael	945 73
Admiral	2,549 90	Carnduff	4,199 24
Aiktow	356 42	Caron	2,400 43
Alameda	2,426 39	Carruthers	603 80
Allan	2,129 61	Cavell	656 48
Alida	544 81	Cedoux	515 97
Alsask	4,885 67	Central Butte	2,358 96
Amulet	870 06	Ceylon Station	2,366 80
Anerley	319 96	Chamberlain	1,560 70
Aneroid	3,635 76	Chaplin	3,095 06
Anglia	684 91	Churchbridge	1,213 49
Annaheim	534 57	Clair	1,038 26
Antelope	729 15	Clavet	456 52
Antler	1,422 85	Cloan	199 63
Arcola	5,728 50	Coderre	220 94
Ardath	1,372 02	Coleville	789 60
Argo	223 85	Colfax	492 85
Arran	866 97	Colgate	1,258 84
Asquith	2,915 83	Colonsay	1,665 01
Assiniboia	9,143 16	Conquest	2,431 10
Atwater	767 97	Consul	882 83
Avonhurst	709 79	Corinne	447 82
Avonlea	2,537 38	Craik	4,978 47
Aylesbury	1,621 78	Craven	792 72
Baildon	418 59	Creelman	2,257 43
Balcarres	3,405 57	Crichton	435 92
Balgonie	1,352 99	Crooked River	454 61
Bangor	1,024 30	Cudworth	1,497 58
Baring	347 03	Cupar	3,626 77
Battleford	9,562 97	Cut Knife	1,726 93
Battrum	1,018 15	Dafoe	707 10
Beadle	598 85	Dalmeny	550 18
Beatty	528 73	Dana	829 87
Beauchamp	202 58	D'Arcy Station	936 16
Beaufield	223 27	Darmody	459 60
Belle Plaine	652 30	Davidson	5,689 99
Bender	601 05	Davin	273 45
Bengough	2,735 78	Davis	318 08
Benson	873 27	Daysville	182 80
Bethune	2,366 14	Debden	535 77
Beverley Station	580 33	Delisle	3,413 27
Beinfait	1,326 17	Delmas	457 16
Biggar	7,248 40	Denholm	1,127 90
Big River	2,329 50	Denzil	2,064 49
Birch Hills	2,087 11	Dewar Lake	593 05
Birmingham	214 56	Dilke	1,187 53
Bladworth	2,195 58	Dinsmore	2,047 15
Blaine Lake	2,668 86	Desley	788 21
Blucher	529 17	Dodsland	1,208 26
Blumenhof	361 88	Dollard	841 93
Boharm	638 76	Domremy	684 24
Borden	2,116 94	Donavon	877 78
Bounty	1,430 41	Drake	821 92
Bradwell	1,150 60	Drinkwater	1,704 63
Brattonb	333 35	Druid	1,130 31
Bredenury	1,833 70	Dubuc	2,150 72
Bresaylor	439 69	Duck Lake	1,985 11
Bridgeford	677 95	Duff	511 50
Briercrest	1,754 06	Dumas	516 95
Broadacres	488 20	Dummer	1,159 65
Broadview	4,203 81	Dunblane	1,907 25
Brock	2,411 10	Dundurn	2,908 63
Broderick	1,692 98	Dunfermline	341 43
Bromhead	1,680 81	Dunkirk	581 67
Brooking	407 03	Duval	1,617 54
Browning	380 38	Dysart	1,457 57
Brownlee	2,369 39	Earl Grey	2,200 01
Bruno	1,829 16	East End	3,506 20
Buchanan	2,244 78	Ebenezer	434 42
Bulyea	1,323 46	Edam	2,134 24
Buttress	349 28	Edenwold	660 75
Cabri	6,536 68	Edgeley	548 09
Cadillac	2,715 35	Elbow	3,371 30
Calder Station	1,096 74	Eldersley	252 74
Candiac Station	607 93	Eldred	145 75
Cando	643 54	Elfros	2,232 27
Canora	5,911 06	Elrose	3,055 84
Cantaur	594 08	Elstow	1,521 12
Canwood	1,190 29	Emmaville	151 26

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF SASKATCHEWAN—*Continued.*

Name of Office.	Revenue.	Name of Office.	Revenue.
	$ cts.		$ cts.
Englefeld	648 90	Humboldt	11,275 35
Ernfold	1,767 05	Huntoon	323 91
Esk	250 89	Hyas	536 54
Esterhazy	2,775 48	Imperial	2,939 94
Estevan	16,119 93	Indian Head	9,443 10
Estlin	474 44	Insinger	605 82
Eston	3,088 39	Instow	543 07
Estuary	2,995 61	Invermay	1,127 57
Ettington	382 71	Ituna	1,377 79
Evesham	601 08	Jansen	1,890 35
Expanse	2,575 91	Jasmin	470 89
Eyebrow	2,529 65	Kamsack	6,680 95
Fairlight Station	1,004 23	Kandahar	1,665 06
Fairmount Station	603 65	Keddleston	657 47
Fenwood	664 96	Keeler	1,412 27
Fielding	1,261 81	Kelfield	1,281 24
Fillmore	2,639 89	Kelliher	2,682 47
Findlater	973 19	Kelso Station	507 63
Fiske	1,431 30	Kelvington	466 15
Flaxcombe	1,509 69	Kenaston	1,526 81
Fleming	1,925 35	Kendal Station	476 14
Foam Lake	3,102 21	Kennedy	2,083 98
Forgan	531 81	Keppel	546 15
Forget	1,922 08	Kerr Robert	8,451 61
Forres	3,356 82	Khedive	953 48
Fort Pitt	213 50	Killaly	547 53
Fort Qu'Appelle	2,407 77	Kincaid	3,878 56
Fortune	233 32	Kincorth	420 93
Forward	323 32	Kindersley	8,416 12
Francis	2,163 01	Kinistino	2,825 88
Frobisher	1,454 70	Kinley	1,459 45
Froude	593 13	Kipling Station	2,215 09
Gainsborough	2,513 95	Kisbey	2,685 99
Gerald	496 43	Kronau	851 24
Gilroy	836 65	Krydor	672 92
Girvin	1,690 24	Kuroki	948 75
Glasnevin	237 62	Laflèche	3,720 91
Glenavon	2,036 30	Laird	1,109 17
Glen Ewen	1,773 11	Lajord	1,017 01
Glenside	1,866 45	Lake Valley	341 26
Goodeve	722 07	Lampman	1,822 72
Goodwater	1,283 55	Lancer	2,514 73
Gorlitz	196 24	Landis	2,054 99
Gouverneur	630 03	Lang	2,402 62
Govan	5,984 91	Langbank	612 64
Govenlock	697 94	Langenburg	1,789 25
Grand Coulee	717 12	Langham	2,905 47
Grandora	302 14	Lanigan	3,212 07
Gravelbourg	7,721 73	Lashburn	3,190 08
Gray	726 11	Laura	1,416 01
Grayson	1,425 14	Lawson	1,156 09
Grenfell	5,586 70	Leader	6,019 65
Griffin	1,572 88	Leask	1,720 29
Guernsey	1,719 01	Lebret	842 29
Gull Lake	9,434 12	Leipzig	549 54
Hafford	2,077 07	Lemberg	2,889 34
Hague	1,666 98	Lemsford	908 57
Halbrite	1,815 47	Leney	1,048 61
Hamton Station	321 31	Leofeld	99 82
Handel	667 30	Leross	782 21
Hanley	3,790 28	Leslie Station	1,228 09
Hardy	540 38	Lestock Station	1,007 71
Harris	3,055 91	Lewvan	808 31
Hawarden	2,183 45	Liberty	1,576 08
Hazel Cliffe	365 48	Limerick	3,653 37
Hazenmore	2,294 92	Lipton	3,107 71
Hearne	562 42	Lloydminster	8,391 71
Hepburn	583 74	Lockwood	1,645 31
Herbert	5,958 67	Loreburn	2,349 59
Herschel	2,265 62	Lorlie	494 31
Heward	1,385 55	Loverna	3,882 84
Hirsch	476 67	Lumsden	3,244 61
Hitchcock	331 05	Luseland	2,956 86
Hoey	449 12	Lydden	554 38
Holdfast	1,512 68	McGee	913 49
Hoodoo	129 23	McLean	675 66
Hoosier	441 28	McTaggart	945 93
Horizon	803 77	Macdowall	694 86
Howell	1,107 85	Macklin	4,075 42
Hubbard	707 03	MacNutt	818 81
Hudson Bay Junction	1,211 99	Macoun	2,054 63
Hughton	1,948 71	Macrorie	1,911 12

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF SASKATCHEWAN—*Continued.*

Name of Office.	Revenue.
	$ cts.
Maidstone	2,704 80
Major	1,414 91
Manor	2,249 26
Maple Creek	13,519 63
Marcelin	1,682 62
Marchwell	659 56
Marengo	1,907 55
Margo	1,122 80
Markinch	1,612 64
Marquis	1,477 97
Marshall	1,461 28
Maryfield	4,357 45
Mawer	1,452 15
Maxim	397 16
Maymont	1,639 63
Mazenod	1,980 83
Melaval	581 63
Melfort	8,969 48
Melville	9,121 69
Meota	1,796 74
Merid	469 82
Mervin	817 04
Meyronne	3,526 31
Midale	1,911 32
Mikado	567 41
Milden	1,920 58
Milestone	3,727 86
Millerdale	302 39
Mitchellton	636 67
Montmartre	1,914 60
Moosejaw	*119,764 35
*Divided as follows:—	
Head Office	118,293 38
Sub-Office No. 1	1,114 51
Sub-Office No. 2	356 46
Moosomin	9,386 32
Morse	5,692 94
Mortlach	4,598 67
Mossbank	1,985 91
Mozart	711 79
Muenster	789 99
Naisberry	254 20
Naseby	328 67
Neptune	400 63
Netherhill	1,679 38
Neudorf	2,291 83
Neville	2,170 33
Nokomis	4,719 32
Noremac	695 67
Norquay	1,100 85
North Battleford	24,028 38
Northgate	203 33
North Portal	1,257 19
Nottingham	244 75
Nut Mountain	132 67
Odessa Station	950 12
Ogema	3,448 23
Onion Lake	470 13
Oreadia	296 07
Ormaux	126 46
Osage	1,494 35
Osler	538 70
Otthon	438 28
Outlook	5,419 39
Outram Sation	326 40
Oxbow	4,731 40
Palmer	999 56
Pambrun	1,021 48
Pangman	1,634 59
Parkbeg	1,107 88
Parkside	1,149 41
Parry	598 20
Pasqua	934 55
Paswegin	605 52
Pathlow	459 26
Paynton	1,426 00
Pelly	2,051 97
Pennant Station	2,467 50
Pense	2,783 75
Penzance	921 78
Percival	221 63
Perdue	3,602 21
Phippen	533 69
Piapot	2,986 71
Pilot Butte	405 30
Pinkham	1,027 01
Plato	2,009 92
Pleasantdale	228 88
Plenty	1,637 65
Plunkett	1,111 69
Ponteix	3,815 11
Portreeve	1,081 26
Preeceville	2,242 60
Prelate	3,281 89
Primate	648 58
Prince	586 92
Prince Albert	34,628 92
Punnichy	2,505 76
Qu'Appelle	4,307 65
Quill Lake	2,397 34
Quinton	554 97
Radisson	4,369 04
Radville	3,864 81
Rainton	235 67
Rama	630 63
Ravenscrag	706 74
Raymore	2,336 58
Readyn	2,104 74
Red Deer Hill	254 41
Redvers	2,106 02
Regina	*561,854 23
*Divided as follows:—	
Head Office	304,734 03
Sub-Office No. 1	247,216 00
Sub-Office No. 5	9,220 28
North Regina	411 56
Regina Junction	272 36
Regina Beach	500 96
Renown	558 57
Rhein	1,278 78
Riceton	900 68
Richard	1,159 65
Richardson Station	469 22
Richlea	865 86
Ridpath	395 78
Riverhurst	3,203 43
Robsart	1,336 11
Rocanville	3,589 62
Roche Percée	520 25
Rock Haven	1,285 52
Rokeby Station	454 45
Rosetown	7,933 62
Rossduff	383 05
Rosthern	5,413 91
Rouleau	4,918 99
Ruddell	1,295 22
Runnydale	212 88
Rush Lake	2,007 08
Ruthilda	805 98
Rutland Station	596 61
St. Benedict	173 05
St. Boswell's	515 80
St. Brieux	895 39
St. Gregor	545 05
St. Hippolyte	168 33
St. Hubert Mission	112 16
St. Louis	801 07
St. Walburg	429 11
Saltcoats	3,692 99
Salvador	1,818 54
Saskatchewan Landing	367 54
Saskatoon	*190,398 69
*Divided as follows:—	
Head Office	177,472 83
Nutana	7,036 79
Sub-Office No. 2	4,151 85
Sub-Office No. 3	1,347 82
Sub-Office No. 4	389 40
Sceptre	2,729 23
Scotsguard	1,766 60
Scott	3,174 22
Sedley	1,603 13
Semans	4,235 61
Senate	514 78

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF SASKATCHEWAN—*Concluded.*

Name of Office.	Revenue.	Name of Office.	Revenue.
	$ cts.		$ cts.
Senlac	1,522 39	Uren	362 61
Shackleton	1,043 22	Valparaiso	390 15
Shaunavon	9,929 25	Vanguard	5,024 24
Sheho	1,820 13	Vanscoy	1,099 31
Shell Brook	3,869 86	Vantage	1,080 05
Sidewood	532 48	Vawn	670 17
Silton	1,151 35	Venn	1,206 65
Simpson	2,309 85	Verigin	1,197 26
Sintaluta	2,443 28	Verwood	2,464 45
Smiley	698 14	Vibank	809 49
Southey	2,324 50	Viceroy	2,276 90
South Fork	361 65	Vidora	1,334 29
Sovereign	1,706 42	Viscount	2,720 50
Spalding	695 98	Vonda	2,944 44
Speers	1,241 76	Wadena	4,696 02
Springside	1,250 69	Wakaw	2,426 85
Spring Valley	814 76	Waldeck	1,950 38
Springwater	1,179 00	Waldheim	1,174 96
Spruce Bluff	163 37	Waldron	1,375 10
Spy Hill	1,045 90	Walpole	561 07
Stalwart	774 72	Wapella	3,818 32
Star City	3,147 92	Warman	976 98
Stenen	1,643 65	Wartime	544 80
Stockholm	1,466 33	Waseca	1,092 35
Stony Beach	677 04	Watrous	5,146 90
Stornoway	1,080 24	Watson	3,074 88
Stoughton	3,428 77	Wauchope	787 69
Stranraer	1,070 77	Wawota	2,221 37
Strassburg Station	5,060 72	Webb	3,287 96
Strongfield	1,303 65	Weldon	974 28
Sturgis	784 11	Welwyn	1,725 34
Success	1,595 56	Weyburn	31,381 11
Summerberry	846 70	White Bear	361 70
Superb	470 73	Whitewood	3,713 67
Surbiton	313 16	Wilcox	2,925 31
Sutherland	1,672 61	Wilkie	6,549 84
Swanson	1,279 33	Willow Brook	801 77
Swift Current	38,686 75	Willows	576 01
Tadmore	242 86	Wilmar Station	686 38
Tako	262 60	Windthorst	2,558 51
Talmage	279 56	Winter	549 93
Tantallon	1,521 94	Wiseton	1,653 43
Tate	807 55	Wolfe	318 43
Taylorton	587 45	Wolseley	6,517 17
Tessier	1,880 26	Wood Mountain	753 99
Theodore	2,186 19	Woodrow	2,475 23
Tiny	201 63	Wroxton	657 63
Tisdale	3,967 69	Wymark	1,476 26
Togo	2,238 31	Wynyard	4,650 63
Tompkins	4,103 92	Yarbo	262 24
Torquay	892 18	Yellow Grass	3,626 73
Tramping Lake	1,466 27	Yorkton	28,902 26
Traynor	651 35	Young	3,324 11
Tregarva	459 73	Zealandia	2,799 11
Tribune	1,820 57	Zelma	918 04
Trossachs	863 03	Non-Accounting Post Offices	87,317 95
Truax	1,525 22		2,188,602 79
Tuffnell	279 03	Less value of Postage Stamps affixed to Postal Notes	1,835 97
Tugaske	3,128 38		2,186,766 82
Turtleford	2,612 45		
Tuxford	1,502 86		
Tyvan	1,628 98		
Unity	5,797 63		

PROVINCE OF ALBERTA.

Acadia Valley	498 76	Ardrossan	477 05
Acme	2,176 52	Aspen Beach	244 48
Aerial	327 56	Athabaska	2,649 67
Airdrie	1,733 35	Banff	9,856 31
Alderson	2,562 77	Bankhead	1,132 31
Aldersyde	569 62	Barrhead	295 19
Alhambra	364 22	Barons	4,322 42
Alix	2,403 76	Bashaw	2,737 45
Alliance	1,868 97	Bassano	6,052 58
Altorado	68 20	Battle Lake	150 96
Amisk	916 38	Bawlf	2,393 21
Andrew	395 33	Bear Lake	318 06
Ankerton	134 99	Beaumont	280 59

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ALBERTA—*Continued.*

Name of Office.	Revenue.
	$ cts.
Beaverlodge	561 57
Beaver Mines	317 51
Beiseker	1,654 98
Bellevue	2,175 43
Benalto	284 75
Bentley	1,173 54
Benton Station	597 91
Beverley	1,147 78
Big Valley	3,009 46
Bittern Lake	706 71
Black Diamond	380 53
Blackfalds	795 26
Blackfoot	298 81
Blackie	2,912 20
Blairmore	4,734 76
Bluff Centre	58 22
Bindloss	414 49
Bon Accord	576 72
Bonnyville	339 80
Botha	1,155 81
Bottrel	329 28
Bowden	1,809 93
Bowell	400 02
Bow Island	4,553 26
Boyle	255 10
Brant	1,339 53
Bremner	560 10
Brightview	206 09
Brocket	592 75
Brooks Station	2,647 85
Bruce	1,036 28
Bruederheim	1,124 42
Brule Mines	796 68
Bulwark	465 13
Burdett	2,607 33
Burmis	238 33
Busby	562 26
Cadogan	1,567 97
Cairns	360 34
Calgary	*446,170 28
*Divided as follows:—	
Head Office	303,619 97
Sub-Office No. 1	5,367 24
Sub-Office No. 2	375 66
Sub-Office No. 3	638 93
Sub-Office No. 4	4,305 82
Sub-Office No. 5	964 56
Sub-Office No. 6	1,714 35
Sub-Office No. 7	3,970 01
Sub-Office No. 8	17,052 30
Sub-Office No. 9	87 77
Sub-Office No. 10	587 48
Sub-Office No. 11	1,215 74
Sub-Office No. 13	329 00
Sub-Office No. 14	671 16
Sub-Office No. 15	306 24
Sub-Office No. 16	211 99
Sub-Office No. 17	5,378 55
Sub-Office No. 19	879 44
Sub-Office No. 20	96,129 58
Sub-Office No. 22	959 33
Sub-Office No. 23	254 00
Sub-Office No. 24	795 16
Sub-Office No. 25	257 00
Sub-Office No. 26	99 00
Calmar	312 53
Camrose	14,026 66
Canmore	1,671 90
Carbon	1,316 40
Cardiff	984 45
Cardston	7,317 56
Carmangay	3,948 05
Caroline	240 76
Carseland	951 50
Carstairs	4,227 33
Carvel Station	163 96
Castor	4,930 44
Cavendish	565 05
Cayley	2,000 85
Cereal	3,171 01
Champion	4,377 77
Chauvin	3,414 01

Name of Office.	Revenue.
	$ cts.
Cheadle	487 10
Cherhill	324 71
Chinook	3,612 46
Chipman	1,674 00
Clairmont	864 11
Claresholm	7,419 05
Clemens	146 69
Clive	1,647 23
Clover Bar	536 44
Cluny Station	1,718 92
Clyde	934 55
Coaldale	1,438 39
Coalhurst	1,731 61
Coalspur	756 82
Cochrane	2,404 97
Coleman	4,918 85
Coleridge	499 43
Colinton	486 73
Commerce	537 19
Compeer	1,151 57
Consort	2,892 28
Coronation	6,355 30
Coutts	894 67
Cowley	2,021 45
Craigmyle	2,886 14
Crossfield	2,921 24
Czar	2,279 26
Dalemead	402 12
Dalroy	529 15
Dapp	317 83
Daysland	3,283 61
Delburne	2,010 60
Delia	3,591 94
Denisville	183 68
Dewberry	251 04
De Winton	628 53
Diamond City	541 37
Didsbury	6,504 91
Dinant	205 50
Dodds	170 59
Donalda	2,356 02
Donnelly	244 96
Dorenlee	242 89
Drumheiler	7,198 02
Duchess	450 86
Duffield	501 42
Duhamel	584 15
Dunstable	303 63
Durlingville	294 10
Dusseldorf	221 38
Duvernay	295 72
Eckville	1,056 90
Edberg	914 47
Edgerton Station	2,790 16
Edmonton	*284,866 78
*Divided as follows:—	
Head Office	255,428 73
Sub-Office No. 1	12,706 00
Sub-Office No. 2	463 09
Sub-Office No. 3	6,239 15
Sub-Office No. 4	1,039 77
Sub-Office No. 5	167 18
Sub-Office No. 6	110 00
Sub-Office No. 7	170 00
Sub-Office No. 8	160 00
Sub-Office No. 10	8,382 86
Edson	2,656 04
Egremont Station	277 46
Elk Point	711 69
Ellscott	161 48
Elnora	1,432 24
Empress	4,551 33
Enchant	1,113 64
Ensign	485 66
Entrance	223 77
Entwistle	803 28
Erskine	2,162 50
Etzikom	2,159 37
Evansburgh	606 47
Evarts	357 74
Excel	732 85
Exshaw	523 50

SESSIONAL PAPER No. 24

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ALBERTA—*Continued.*

Name of Office.	Revenue.	Name of Office.	Revenue.
	$ cts.		$ cts.
Eyremore	1,113 32	Lavoy	946 47
Falher	236 19	Lea Park	251 29
Fallis	276 09	Leduc	4,619 99
Favor	231 64	Leedale	304 63
Federal	153 66	Legal	891 00
Ferintosh	1,008 11	Legoff	114 12
Fishburn	215 16	Leslieville	772 32
Fleet	484 58	Lethbridge	61,987 00
Foremost	3,124 18	Lomond	2,661 73
Forestburg	1,609 42	Lonebutte	382 22
Fort McMurray	266 17	Lougheed	3,042 86
Fort Saskatchewan	4,918 83	Lousana	683 92
Frank	1,718 93	Lovettville	433 67
Gadsby	3,376 20	Loyalist	982 42
Gainford	307 16	Lucky Strike	408 34
Galahad	906 80	Lundbreck	1,034 00
Gem	404 74	McLellan	313 77
Ghost Pine Creek	456 17	Macleod	12,016 97
Gleichen	5,801 11	Magrath	3,768 07
Glenwoodville	360 36	Maleb	240 07
Glenbow	252 86	Mannville	3,134 00
Grainger Station	643 59	Manyberries	1,705 75
Grande Prairie	3,676 72	Markerville	839 65
Granum	4,004 60	Marlboro	652 94
Grassy Lake	2,491 10	Mayton	388 34
Green Court	275 94	McLeod Valley	135 71
Greenshields	345 92	Mecheche	503 87
Grouard	653 34	Medicine Hat	52,562 37
Gwynne	730 45	Meeting Creek	782 20
Halkirk	2,074 47	Metiskow	935 72
Hanna	8,483 90	Midnapore	922 39
Hardieville	612 22	Milk River	2,400 74
Hardisty	4,022 08	Millarville	346 85
Hay Lakes	550 38	Millet	1,933 13
Haynes	289 34	Minburn	1,037 77
Hayter	589 58	Mirror	1,526 81
Heath	636 51	Monarch	846 72
Heatherdown	217 27	Monitor	3,094 92
Heisler	832 59	Morinville	2,260 53
Hespero	507 40	Morningside	334 01
High Prairie	809 05	Morrin	1,045 91
High River	9,144 42	Mountain Park	973 33
Hillcrest Mines	1,896 36	Mountain View	424 02
Holden	2,021 60	Mundare	2,526 01
Horse Hills	126 20	Munson	2,903 26
Hughenden	2,179 39	Myrnam	279 16
Hussar	376 50	Namaka	675 17
Hutton	458 39	Namao	383 35
Huxley	1,098 93	Nanton	6,430 63
Iddesleigh	598 94	Nemiskam	734 05
Innisfail	6,117 44	Nevis	534 59
Innisfree	2,201 74	New Dayton	1,369 73
Irma	2,544 90	New Norway	1,674 96
Iron Springs	183 47	Nightingale	335 97
Irricana	1,674 49	Nobleford	2,000 99
Irvine	2,609 68	Nordegg	1,870 55
Islay	2,035 64	Northbank	204 18
Jarrow	810 94	North Cooking Lake	246 99
Jasper	1,149 27	North Edmonton	6,441 40
Jenner	2,167 76	Ohaton	790 36
Junkins	745 33	Okotoks	3,417 63
Keoma	573 39	Olds	7,281 11
Killam	4,144 70	Oliphant Mines	243 15
Kilsey	60 80	Onoway	794 63
Kingman	549 58	Orion	1,133 35
Kinsella	851 10	Orton	124 30
Kinuso	565 89	Oyen	5,914 46
Kipp	232 97	Pakan	419 77
Kircaldy	416 16	Pakowki	493 74
Kirriemuir	1,018 30	Paradise Valley	144 09
Kitscoty	2,362 88	Parkland	1,070 64
Knee Hill Valley	365 08	Passburg	170 42
Lac la Biche Station	687 08	Peace River	4,312 92
Lacombe	10,752 51	Peers	382 44
Lac Ste. Anne	329 61	Penhold	1,558 76
Lake Louise	431 10	Phillips	321 12
Lake Saskatoon	1,248 97	Pincher Creek	7,153 66
Lamont	3,207 21	Pincher Station	747 49
L'Amoureux	110 91	Pine Creek	342 57
Landonville	115 15	Pine Lake	542 79
Lanfine	492 21	Plamondon	251 99
Langdon	1,493 91	Pocohontas	777 49

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF ALBERTA—*Concluded.*

Name of Office.	Revenue. $ cts.
Ponoka	5,480 59
Priddis	343 31
Provost	4,714 36
Purple Springs	828 89
Queenstown	253 37
Ranfurly	729 98
Raymond	3,366 09
Redcliffe	5,243 64
Red Deer	17,454 09
Reid Hill	222 57
Redland	315 40
Red Willow	735 02
Retlaw	2,564 76
Ribstone	570 54
Richdale	2,210 19
Rimbey	1,371 77
Riviere Qui Barre	386 58
Rockyford	1,181 39
Rocky Mountain House	1,917 78
Rosalind	277 62
Rosebud Creek	802 48
Rosedale	493 11
Rosemead	109 49
Rosenroll	74 58
Rosevear	208 19
Round Hill	1,318 92
Rowley Station	554 50
Rumsey	1,373 74
Ryley	1,724 79
St. Albert	1,454 99
St. Paul de Metis	2,091 51
Sangudo	973 39
Sawridge	426 68
Sedgewick	4,481 91
Seven Persons	1,366 66
Sexmith	591 54
Shandro	310 76
Shepard	497 06
Sibbald	2,330 74
Sion	225 01
Spirit River	178 98
Spirit River Station	1,495 68
Spruce Grove	463 72
Stafford Village	659 23
Standard	1,356 10
Stanmore	1,209 42
Stavely	3,693 40
Stettler	9,011 36
Steveville	537 44
Stirling	619 03
Stoney Plain	2,265 81
Stoppington	101 39
Strathcona	24,001 65
Strathmore	4,163 78
Strome	3,080 82
Suffield Station	1,487 31
Sunnyslope	432 79
Swalwell	1,854 90
Sylvan Lake	914 69
Taber	9,057 25
Tawatinaw	496 01
Tees	668 48
Telfordville	175 43
Therien	266 07
Thorhild	315 09
Three Hills	3,528 39
Tilley Station	182 17
Tofield	4,478 05
Tollerton	27 42
Travers	1,768 01
Trochu	3,776 62
Tudor	352 15
Twin Butte	379 22
Vegreville	9,075 50
Venice	112 33
Vermilion	10,114 05
Veteran	2,763 11
Viking	3,928 04
Villeneuve	113 31
Vulcan	7,781 79
Wabamun	665 07
Wainwright	6,811 84
Walsh	1,407 24
Wanekville	230 85
Warner	3,025 08
Waterhole	538 00
Wayne	984 53
West Edmonton	1,694 89
Westerose	195 79
Westlock	1,858 41
Wetaskiwin	12,741 72
Whitla	1,000 57
Wilhelmina	786 96
Winnifred	2,304 35
Winterburn	537 01
Wrentham	354 20
Yeoford	237 43
Youngstown	7,329 56
Non-Accounting Post Offices	79,942 62
	1,665,484 16
Less value of Postage Stamps affixed to Postal Notes	1,400 04
	1,664,084 12

PROVINCE OF BRITISH COLUMBIA.

Abbotsford	2,862 62
Adelphi	441 24
Agassiz	2,296 50
Agerton	163 46
Ainsworth	1,035 38
Alberni	2,523 66
Albion	230 88
Aldergrove	958 47
Aleza Lake	261 27
Alert Bay	973 35
Alice Arm	551 82
Alta Vista	583 67
Anyox	5,652 91
Armstrong	7,435 42
Arrowhead	888 02
Arrow Park	288 06
Ashcroft	4,675 63
Athalmer	515 53
Atlin	1,126 83
Balfour	1,106 87
Bamfield	965 23
Barkerfield	467 08
Barnet	248 46
Barriere	384 61
Baynes Lake	866 80
Beaton	198 44
Bella Coola	795 75
Bevan	358 93
Big Bay	218 29
Blubber Bay	200 33
Blue River	352 65
Boswell	234 73
Boundary Falls	100 80
Bowen Island	442 38
Brackendale	240 94
Bridesville	396 30
Britannia Beach	4,954 02
Bull River	930 01
Burnaby Lake	762 51
Burton	293 34
Campbell River	1,110 26
Canford	135 82
Canford Mill	859 99
Canoe	300 56
Carmi	279 43
Cascade	568 35

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF BRITISH COLUMBIA—*Continued.*

Name of Office.	Revenue. $ cts.	Name of Office.	Revenue. $ cts.
Castlegar	707 99	Hagensborg	248 48
Cedarvale	281 06	Harrison Mills	437 64
Celista	198 73	Harrop	334 04
Central Park	1,580 71	Hatzic	1,437 70
Chamadaska	118 49	Haysport	192 42
Chase	2,699 78	Hazelton	2,644 35
Chase River	237 10	Headquarters	645 78
Chemainus	2,244 33	Hedley	1,581 98
Chilliwack	11,468 36	Heffley Creek	356 38
Clayburn	1,398 17	Heriot Bay	419 55
Clayoquot	196 02	Hillier's Crossing	225 40
Clinton	1,498 44	Holberg	56 78
Cloverdale	3,212 47	Hollyburn	1,093 40
Coal Creek	656 13	Hope	1,286 79
Coalmont	185 27	Hosmer	315 01
Cobble Hill	1,495 49	Houston	234 77
Coghlan	272 68	Huntingdon	601 93
Collingwood East	1,971 41	Illicillewaet	105 03
Collingwood West	294 36	Invermere	961 35
Colwood	1,214 44	Inverness	530 47
Comox	917 53	Ioco	976 22
Coombs	376 00	Irvine's Landing	562 83
Copper Mountain	806 45	Jaffray	911 50
Corbin	831 97	James Island	877 17
Cortez Island	208 54	Janes Road	637 95
Courtenay	3,138 10	Joyce	711 86
Coutlee	47 85	Jubilee Station	779 97
Cowichan Station	1,055 28	Kaleden	180 19
Craigellachie	75 55	Kamloops	23,907 76
Cranbrook	15,201 38	Kaslo	4,005 19
Crawford Bay	237 00	Keating	283 84
Crescent	247 11	Kelowna	14,331 35
Crescent Valley	311 99	Keremeos	1,300 87
Creston	2,800 63	Keremeos Centre	25 95
Crofton	334 30	Kerrisdale	6,256 83
Crows Nest	470 74	Kildonan	327 45
Cumberland	5,274 18	Kimberley	1,245 08
Deerholme	8 59	Kingcome Inlet	408 31
Denman Island	385 92	Kitwanga	287 36
De Roche	461 84	Koksilah	321 68
Dewdney	459 97	Kuper Island	155 04
Discovery	472 43	Lac la Hache	366 06
Duncan Station	9,535 67	Ladner	4,299 25
Earl's Road	762 31	Ladysmith	6,103 68
East Burnaby	1,033 27	Langford Station	346 65
East Wellington	536 65	Langley Fort	1,052 33
Eburne	1,430 13	Langley Prairie	1,295 38
Edgewood	601 41	Lasqueti	123 68
Edmonds	3,280 00	Lazo	94 32
Eholt	231 21	Lillooet	1,754 10
Elko	716 52	Lower Nicola	314 02
Endako	325 17	Lucerne Station	596 06
Enderby	3,938 75	Lumby	668 38
Erickson	584 45	Lund	555 36
Erie	203 22	Lynn Creek	1,363 85
Extension	287 75	Lytton	1,557 41
Fairview	567 06	McBride	1,007 48
Fauquier	85 61	McKay	1,319 95
Ferguson	254 55	Maillardville	633 81
Fernie	15,948 68	Malakwa	412 21
Fern Ridge	274 83	Mara	414 96
Flagstone	515 46	Marpole	2,371 35
Field	1,959 28	Marysville	323 73
Fort Fraser	498 92	Massett	314 66
Fort George	421 21	Matsqui	849 63
Fort Steele	796 37	Mayne	913 78
Francois Lake	245 63	Maywood	1,877 63
Fraser Mills	1,624 84	Merritt	5,153 76
Fruitvale	492 93	Metchosin	510 41
Galiano	404 05	Michel	1,130 42
Ganges	1,353 51	Midway	811 38
Genoa Bay	345 24	Mill Bay	272 35
Gerrard	121 21	Milner	798 94
Gibson Landing	723 60	Milne's Landing	164 81
Giscome	1,002 34	Mission City	5,221 05
Glacier	925 54	Mount Lehman	417 09
Golden	5,397 16	Mount Olie	164 41
Grand Forks	8,758 61	Moyie	631 61
Granite Bay	71 85	Murrayville	1,097 01
Green Point Rapids	354 64	Nakusp	1,970 76
Greenwood	4,091 29	Nanaimo	25,884 55
Grindrod	330 10	Nanoose Bay	531 67

Gross Postal Revenue of Accounting Offices—*Continued.*

PROVINCE OF BRITISH COLUMBIA—*Continued.*

Name of Office.	Revenue.
	$ cts.
Naramata	784 95
Natal	1,837 61
Needles	262 89
Nelson	35,356 79
New Denver	2,184 44
Newgate	328 36
New Hazelton	627 44
New Westminster	*51,721 30
*Divided as follows:—	
Head Office	49,134 25
Sub-Office No. 2	1,232 05
Queensborough	141 83
Sapperton	1,213 17
Nicola	596 91
North Bend	804 61
Northfield	274 03
North Lonsdale	1,165 00
North Vancouver	*12,980 95
*Divided as follows:—	
Head Office	11,700 91
Sub-Office No. 1	1,280 04
Notch Hill	716 02
Oakalla	117 51
Ocean Falls	4,531 06
Okanagan Centre	587 37
Okanagan Falls	217 37
Okanagan Landing	577 24
Okanagan Mission	423 00
150-Mile House	853 36
Owl Creek	170 06
Oyama	519 64
Pacific	263 01
Parksville	1,631 26
Poulson	205 17
Peachland	1,285 11
Pender Island	406 78
Penticton	10,656 48
Perry Siding	487 58
Phoenix	2,863 31
Pitt Meadows	474 18
Point Grey	388 04
Port Alberni	3,490 09
Port Alice	636 47
Port Clements	367 95
Port Coquitlam	2,943 37
Port Essington	1,032 44
Port Hammond	2,240 71
Port Haney	2,442 61
Port Kells	321 67
Port Mann	546 59
Port Moody	3,350 21
Port Renfrew	460 34
Port Simpson	566 96
Port Washington	225 66
Pouce Coupé	606 19
Powell River	5,259 33
Prince George	4,462 61
Prince Rupert	22,817 42
Princeton	3,354 63
Pritchard	511 73
Procter	594 37
Qualicum Beach	1,538 65
Quathiaski Cove	496 45
Quatsino	519 37
Queen Charlotte	424 49
Queen's Bay	192 18
Quesnel	3,418 39
Quilchena	278 06
Red Gap	583 44
Revelstoke	12,078 83
Riondel	558 86
Riske Creek	342 04
Riverside Inn	556 32
Rivers Inlet	299 09
Robson	307 89
Rock Bay	578 02
Rock Creek	588 85
Rolla	187 48
Rosedale	741 26
Rossland	10,575 55
Royal Oak	1,561 97
Ruskin	414 64
Rutland	521 51
Salmo	1,052 39
Salmon Arm	6,332 04
Salt Spring Island	483 47
Sandon	1,998 26
Sandwick	520 60
Sardis	2,278 00
Savona	848 72
Sayward	161 96
Sechelt	629 21
70-Mile House	197 04
Seymour Arm	145 32
Shawnigan Lake	1,196 14
Sheep Creek	19 83
Shuswap	346 79
Sicamous	1,224 64
Sidney	3,723 05
Silverdale	399 46
Silverton	2,744 72
Simoom Sound	280 44
Skeena Crossing	168 89
Slocan	793 51
Smithers	1,752 33
Sointula	414 60
Somenos	452 72
Sooke	600 39
South Fort George	1,060 70
South Salt Spring	262 43
South Slocan	338 53
South Wellington	838 53
South Westminster	88 52
Spence's Bridge	721 75
Sperling Station	347 35
Spuzzum	400 42
Squamish	845 85
Stave Falls	542 89
Steveston	3,488 15
Stewart	322 31
Strawberry Vale	147 18
Sullivan Station	321 46
Summerland	3,516 83
Surf Inlet	641 35
Surrey Centre	417 85
Swanson Bay	1,502 16
Taft	132 74
Telkwa	895 18
Terrace	886 52
Thurlow	267 40
Tod Inlet	346 52
Tofino	262 41
Trail	11,819 36
Trout Lake	280 91
Tulameen	191 59
Turgoose	932 42
Ucluelet	378 66
Union Bay	1,651 82
Vananda	897 26
Vancouver	*667,280 27
*Divided as follows:—	
Head Office	493,598 24
Station B	32,119 76
Station C	7,052 04
Sub-Office No. 1	4,052 66
Sub-Office No. 2	455 53
Sub-Office No. 3	18,478 20
Sub-Office No. 4	775 62
Sub-Office No. 5	5,108 87
Sub-Office No. 6	11,990 56
Sub-Office No. 7	6,057 63
Sub-Office No. 8	9,949 94
Sub-Office No. 9	1,374 16
Sub-Office No. 10	3,015 73
Sub-Office No. 12	6,101 40
Sub-Office No. 15	2,939 70
Sub-Office No. 16	645 81
Sub-Office No. 17	988 33
Sub-Office No. 18	9,429 50
Sub-Office No. 19	12,680 35
Sub-Office No. 20	2,499 07
Sub-Office No. 21	1,018 60
Sub-Office No. 22	1,640 69
Sub-Office No. 25	17,952 87

SESSIONAL PAPER No. 24

Gross Postal Revenue of Accounting Offices—*Concluded.*

PROVINCE OF BRITISH COLUMBIA—*Concluded.*

Name of Office.	Revenue. $ cts.
Vancouver—*Concluded.*	
*Divided as follows.	
Adela	2,579 86
Britcola	448 73
Cedar Cottage	2,039 46
City Heights	2,910 06
Fraser Avenue	1,324 26
Grimmett	421 41
Hastings	678 09
North Arm	688 79
South Hill	3,797 93
South Vancouver	99 18
Sunnydene	727 00
Vancouver Heights	1,345 30
Winnot	294 94
Vanderhoof	1,016 78
Vernon	21,232 80
Vicosa	606 04
Victoria	*222,375 91
*Divided as follows:—	
Head Office	192,278 58
Sub-Office No. 1	1,332 94
Sub-Office No. 2	689 00
Sub-Office No. 3	3,951 00
Sub-Office No. 4	1,696 35
Sub-Office No. 5	2,069 17
Sub-Office No. 6	1,375 00
Sub-Office No. 7	2,153 78
Sub-Office No. 8	463 00
Sub-Office No. 9	710 00
Sub-Office No. 10	409 00
Sub-Office No. 11	222 91
Sub Office No. 12	2,992 06

Name of Office.	Revenue. $ cts.
Victoria—*Concluded.*	
*Divided as follows.	
Beaumont	3,080 82
Esquimalt	1,708 26
Thoburn	5,209 34
Willow Park	2,034 70
Waldo	1,213 21
Walbachin	713 16
Waneta	324 24
Wardner	898 31
Wellington	1,458 38
Westbank	432 26
West Grand Forks	413 16
Westholme	659 25
West Summerland	2,957 51
Whaletown	333 75
White Rock	1,818 60
Whonnock	628 76
Wilmer	113 44
Windermere	183 38
Winlaw	264 11
Wycliffe	861 00
Yahk	295 65
Yale	464 30
Yennadon	103 96
Ymir	723 09
Non-Accounting Post Offices	55,745 77
	1,612,439 20
Less—Value of Postage Stamps affixed to Postal Notes	1,349 73
	1,611,089 47

YUKON.

Carcross	959 55
Carmacks	276 19
Dawson	12,222 66
Hunker	119 04
White Horse	3,493 16
Non-Accounting Post Offices	1,360 25
	18,430 85
Less—Value of Postage Stamps affixed to Postal Notes	16 76
	18,414 09
Dead Letter Office	611 83
High Commissioner's Office	0 26

REVENUE OF NON-ACCOUNTING POST OFFICES.

Revenue Collected by Postmasters of Non-Accounting Post Offices in the Dominion of Canada during the year ended March 31, 1918.

Name of Post Office.	Province.	Revenue.	Name of Post Office.	Province.	Revenue.
		$ cts.			$ cts.
Abbeville	Man.	61 75	Alexandria	B.C.	132 50
Abbotshall	Man.	43 19	Alexandrina	N.B.	37 00
Abenakis	P.Q.	35 50	Alexis Creek	B.C.	275 61
Aberdeen	Ont.	51 90	Alford	Sask.	68 50
Aberdeen	N.S.	49 26	Alice	Ont.	160 76
Abigail	Man.	27 00	Alingly	Sask.	138 90
Abilene	Alberta.	83 60	Alkali Lake	B.C.	37 95
Abney, Lot 64	P.E.I.	150 00	Allainville	N.B.	27 01
Abram-River	N.S.	60 00	Allanburg	Ont.	335 47
Abrams-Village	P.E.I.	143 80	Allandale	N.B.	36 00
Acaciaville	N.S.	406 19	Allan Hills	Sask.	59 50
Acadie	N.B.	80 44	Allanlea	Man.	5 00
Acadie-Siding	N.B.	92 40	Allans Corners	P.Q.	162 00
Acorn (closed 1-9-17)	Man.	28 00	Allan Water	Ont.	170 50
Ada	Sask.	95 50	Allard	P.Q.	100 30
Adair	Sask.	174 35	Allegra (opened 1-3-18)	Man.	10 00
Adams (opened 1-9-17)	Sask.	76 00	Allendale	N.S.	354 95
Adams Lake	B.C.	31 90	Allen Grove	B.C.	20 00
Adderley	P.Q.	46 30	Allen's Mills	P.Q.	105 70
Addingham	Man.	103 70	Allerston	Alberta.	160 60
Addington-Forks	N.S.	16 00	Alloa (closed 1-2-18)	Ont.	5 22
Adelard	Ont.	30 00	Allsaw	Ont.	42 75
Aden	Alberta.	126 10	Allumette Island	P.Q.	119 37
Admaston	Ont.	205 42	Alma	N.S.	307 69
Admiral Rock	N.S.	49 00	Alma	P.E.I.	350 90
Advance	Ont.	6 50	Almasippi	Man.	55 50
Ætna	Alberta.	350 07	Almaville	P.Q.	267 29
Afton	N.S.	293 96	Alpha	Sask.	57 35
Afton-Station	N.S.	63 15	Alpine (closed 1-7-17)	Man.	5 00
Agapit	N.B.	13 25	Alpine Ridge	N.S.	15 00
Agardsley	Man.	40 86	Alport	Ont.	101 07
Aguanish	P.Q.	28 46	Alta Lake	B.C.	199 30
Ahmic Lake	Ont.	125 05	Altican	Sask.	21 00
Ahousat	B.C.	60 72	Alton	N.S.	159 20
Ahuntsic	P.Q.	*a*	Alvaston	B.C.	111 00
Ainslie Glen	N.S.	23 00	Alvena	Sask.	47 20
Ainslie Point	N.S.	25 50	Alvin	B.C.	46 00
Aiyansh (opened 1-5-17)	B.C.	35 50	Amaranth Station	Ont.	104 30
Akerly	N.B.	15 00	Amateur	P.Q.	40 50
Akra	Sask.	32 56	Amazon	Sask.	430 58
Alainbourg	P.Q.	31 00	Ambles	Sask.	40 26
Alaindale	P.Q.	36 75	Ambrose	Ont.	64 00
Alba	N.S.	49 70	Amelia	Sask.	243 20
Albany Cross	N.S.	55 02	Amethyst	Alberta.	69 00
Albas	B.C.	63 51	Amherst Point	N.S.	53 60
Albeck (closed 1-8-17)	Alberta.	5 75	Amirault Hill	N.S.	213 00
Alberta Beach S.O. (opened 1-7-17)	Alberta.	32 00	Ammon	N.B.	15 00
Albert Bridge	N.S.	128 01	Amsterdam	Sask.	104 06
Albert Canyon	B.C.	240 05	Anagance Ridge	N.B.	19 50
Albertine	N.B.	211 20	Anderson	N.B.	50 00
Albert Mines	N.B.	277 20	Anfield	N.B.	55 45
Albert Mines	P.Q.	162 00	Ange Gardien	P.Q.	215 00
Albert Park	Alberta.	97 25	Ange Gardien, Est	P.Q.	42 20
Alberton	Ont.	167 50	Angeline	P.Q.	97 00
Albertown	Sask.	109 65	Angle Lake	Alberta.	170 47
Albertville	P.Q.	69 00	Anglemount	B.C.	41 10
Albertville	Sask.	189 05	Angoulême	P.Q.	25 05
Albion	P.E.I.	96 28	Anjou	P.Q.	80 65
Albion	Ont.	148 60	Annable	B.C.	85 95
Albion Ridge	Alberta.	65 00	Annandale	N.S.	87 50
Alcida	N.B.	60 25	Annette	Sask.	59 05
Alcona	Ont.	76 47	Allan Water	Ont.	170 50
Alcorn	N.B.	45 00	Annidale	N.B.	210 50
Alderdale	Ont.	175 35	Annieheld	Sask.	17 75
Alder Point	N.S.	83 00	Anning	Alberta.	101 32
Alder River	N.S.	11 00	Anselmo	Alberta.	96 30
Aldersville	N.S.	78 70	Anthony	Ont.	35 70
Alderville	Ont.	42 50	Antigonishe Harbour	N.S.	30 01
Alderwood (opened 8-12-17)	N.B.	32 00	Antigonishe Harbour (south side)	N.S.	37 00
Aldina	Sask.	43 04	Antioch	Ont.	20 00
Aldouane	N.B.	65 20	Antrim	N.S.	17 00
Alencon	P.Q.	76 00	Anvers	P.Q.	39 00

a For Revenue see under Montreal Sub-offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Anvil Island	B.C.	28 00
Apleby Corner (closed 21-7-17)	Ont.	17 00
Appledale	B.C.	250 67
Apple River	N.S.	301 43
Aquadell	Sask.	52 20
Arabella	Sask.	50 55
Arawana	Man.	37 15
Arbakka	Man.	117 11
Arbeau	N.B.	21 28
Arborfield	Sask.	231 23
Arbury	Sask.	23 20
Arcata	Sask.	9 00
Archibald	N.S.	54 25
Archibald Settlement	N.B.	70 30
Archive	Sask.	136 75
Archydal	Sask.	188 40
Ardbeg	Ont.	327 75
Ardenode	Alberta	284 05
Ardenville	Alberta	21 25
Ardill	Sask.	189 30
Ardkenneth	Sask.	65 72
Ardley	Alberta	270 97
Ardley	B.C.	267 80
Ardmore	Alberta	27 70
Ardness	N.S.	52 00
Ardoch	Ont.	333 15
Ardsley	Sask.	69 75
Ardtrea	Ont.	47 00
Arelee (closed 8-5-17)	Sask.	30 00
Argenta	B.C.	57 25
Argentenay	P.Q.	62 70
Argyle	N.B.	113 42
Argyle	N.S.	111 00
Argyle (closed 1-9-17)	Man.	9 00
Argyle Head	N.S.	162 00
Argyle Sound	N.S.	130 00
Argyle South	N.S.	145 00
Arisaig	N.S.	116 20
Arkell	Ont.	174 75
Arlington	N.S.	32 20
Arlington West	N.S.	17 70
Armada	Alberta	258 20
Armadale	Ont.	50 60
Armadale	P.E.I.	330 84
Armagh Station	P.Q.	205 00
Armdale (late Dutch Village 1-6-17)	N.S.	*b*
Armena (opened 1-5-17)	Alberta	87 00
Armitage	Ont.	85 27
Armley	Sask.	56 00
Armorin	Sask.	12 50
Armorique (summer office)	P.Q.	.....
Armstrong	P.Q.	126 05
Armstrong's Brook	N.B.	33 60
Armstrong's Corner	N.B.	147 20
Armstrong Station	Ont.	329 20
Arner	Ont.	482 05
Arnes	Man.	307 20
Arnold	N.S.	71 50
Arnott (closed 1-6-17)	Ont.	9 00
Arnstein	Ont.	376 71
Aroostook Portage	N.B.	14 00
Arrandale	B.C.	198 70
Arrowwood	Alberta	37 80
Arsenault	P.Q.	12 00
Arsenault Siding	N.B.	275 76
Arthurette	N.B.	66 58
Arthurville	P.Q.	61 50
Artland	Sask.	675 19
Artois	P.Q.	60 30
Arvilla	Alberta	109 84
Asessippi (closed 1-11-17)	Man.	82 95
Ash	Ont.	154 25
Ashby	N.S.	*a*
Ashdale	N.S.	6 00
Ashfield	N.S.	27 00
Ashkirk (opened 1-3-18)	Man.	10 00
Ashmont	Alberta	241 90
Ashmore	N.S.	144 22
Ash Point	N.B.	17 00
Ashton Station	Ont.	264 18
Askilton	N.S.	27 79
Asor	Sask.	137 51
Aspdin	Ont.	154 45
Aspen	N.S.	110 20
Aspen Grove	B.C.	100 00
Aspotogan	N.S.	55 25
Asselin	P.Q.	21 36
Aston Junction	P.Q.	307 73
Aston Station	P.Q.	154 60
Astorville	Ont.	231 06
Astwood	Sask.	37 70
Atalanta	P.Q.	49 96
Atchelitz	B.C.	361 75
Atherton	Ont.	22 00
Athol	Ont.	97 30
Atkinson	Sask.	75 00
Atlanta	N.S.	43 00
Atlantic	N.S.	41 00
Atlas	Sask.	118 78
Atlee	Alberta	645 71
Atnarko	B.C.	34 25
Atwood's Brook	N.S.	125 51
Auberivière	P.Q.	46 50
Aubigny	Man.	213 05
Auburn	P.E.I.	15 50
Auburndale	N.S.	38 25
Auburndale	Alberta	87 50
Auburnton	Sask.	5 00
Auburnville	N.B.	52 50
Audet	P.Q.	180 06
Auld	Ont.	200 21
Auld's Cove	N.S.	228 50
Authier (opened 1-10-17)	P.Q.	83 80
Autoroad	Sask.	53 00
Auvergne	P.Q.	183 97
Avalon	Alberta	46 00
Avery's Portage	N.B.	69 08
Avebury	Sask.	109 00
Avoca	P.Q.	238 00
Avola	B.C.	125 70
Avon	P.Q.	21 22
Avondale	N.S.	32 00
Avondale Station	N.S.	178 77
Avonhill	Sask.	45 50
Avonmore	N.B.	66 00
Avonport	N.S.	89 75
Axe Lake	Ont.	33 98
Axford	Sask.	223 65
Aylesworth	Ont.	51 00
Ayotte	P.Q.	18 50
Azilda	Ont.	178 10
Babineau	N.B.	11 01
Baccaro	N.S.	179 00
Back Bay	N.B.	406 58
Back Shore (closed 1-5-17)	N.S.	.....
Baddeck Bay	N.S.	59 60
Baddeck Bridge	N.S.	51 90
Baddeck River, North Branch	N.S.	18 00
Badger	Man.	249 05
Badger Lake	Alberta	53 00
Bagley	Sask.	215 25
Baie de la Trinite	P.Q.	47 99
Baie des Bacons	P.Q.	42 03
Baie des Rochers	P.Q.	61 10
Baie d'Urfe, summer office	P.Q.	20 00
Baie Johan Beetz	P.Q.	42 00
Baie Ste. Anne (opened 1-3-17)	N.B.	92 25
Baie St. Nicholas	P.Q.	12 50
Baintree	Alberta	190 25
Baird	Ont.	59 81
Bairdsville	N.B.	60 70
Baker	B.C.	46 70
Baker Settlement	N.S.	192 76
Balaclava	Ont.	52 26
Bald Rock	N.S.	23 00
Bala Park (summer office)	Ont.	113 00
Baldwin	Ont.	210 00
Baldwin's Road	P.E.I.	55 55
Baleine	N.S.	4 00
Baljennie	Sask.	107 50
Ballentyne	Alberta	113 77
Ballantyne's Cove	N.S.	145 33
Balla Philip	N.B.	20 25

a For Revenue *see* under Sydney Sub-Offices.

b For Revenue *see* under Halifax Sub-Offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Balhinora	Sask.	81 55
Ballysheen (summer office opened 1-7-17)	Ont.	
Balm	Alberta	50 98
Balmoral	Ont.	160 93
Balmoral	N.B.	265 42
Balmoral	N.S.	12 00
Balmoral Mills	N.S.	96 74
Balsam	Ont.	122 67
Balsam Bay	Man.	123 00
Baltie	P.E.I.	91 40
Balvenie	Ont.	43 25
Bamberg	Ont.	252 00
Bangs Falls	N.S.	74 50
Bangsund	Sask.	13 50
Banks-of-Broad Cove	N.S.	25 00
Banning	Ont.	84 00
Bannon	N.B.	18 00
Baptiste	Ont.	102 00
Baraca	Alberta	141 90
Baraehois	N.B.	65 00
Barachois-Harbour	N.S.	84 00
Barachois Ouest	P.Q.	96 00
Barbeau	Alberta	22 54
Barberton	N.S.	7 00
Bardal	Man.	11 00
Bar de Cocagne	N.B.	50 00
Barnsville	Ont.	83 70
Barick	Alberta	43 50
Barkers Point	N.B.	91 20
Barkfield	Man.	57 25
Bark Lake	Ont.	46 00
Barkmere (summer office)	P.Q.	56 00
Barkway	Ont.	163 74
Barlochan (summer office)	Ont.	28 83
Barnaby River	N.B.	601 20
Barnard	P.Q.	67 00
Barnesdale	Ont.	180 25
Barnesville	N.B.	147 62
Barney River Station	N.S.	112 10
Barney's Brook	N.S.	85 50
Barney's River	N.S.	445 11
Barnhart	Ont.	182 95
Barnhart Vale	B.C.	68 00
Barnston Island	B.C.	55 90
Barnwell	Alberta	309 20
Barra Glen	N.S.	50 70
Barra Head	N.S.	53 00
Barre	P.Q.	115 56
Barren Hill	N.S.	26 00
Barrett Lake	B.C.	24 40
Barrieau	N.B.	54 00
Barriefield	Ont.	211 64
Barriere des Caps	P.Q.	9 00
Barrier Lake	Sask.	90 25
Barrington	P.Q.	261 71
Barrington West	N.S.	118 50
Barrio's Beach	N.S.	102 00
Barr Settlement	N.S.	10 00
Barry River	P.Q.	23 29
Barry's Corner	N.S.	55 00
Barryvale	Ont.	127 75
Barryville	N.B.	35 32
Bartholomew	N.B.	23 79
Bartibog	N.B.	28 00
Bartibog Bridge	N.B.	139 95
Bartibogue Station	N.B.	81 45
Bartlettville	Alberta	18 75
Barvas	Sask.	52 00
Bas de la Baie	P.Q.	77 50
Bas de l'Anse	P.Q.	55 00
Bas du Sault	P.Q.	102 20
Base Line Road	N.S.	37 25
Basin Depot	Ont.	20 02
Baskatong	P.Q.	93 06
Bass Creek	Ont.	48 68
Bassin du Lièvre	P.Q.	49 20
Bass River Point	N.B.	76 53
Basswood Ridge	N.B.	72 40
Batchawana	Ont.	73 00
Bateman	Sask.	57 00
Bateston	N.S.	56 58
Batesville (summer office)	P.Q.	85 00
Bathgate	Alberta	44 50
Bath Road	Ont.	360 25
Bathurst Mines	N.B.	49 60
Batiscan Station	P.Q.	556 00
Batoche	Sask.	100 00
Battenburg	Alberta	56 95
Battle Bend	Alberta	106 52
Battle Creek	Sask.	62 70
Battle Ridge	Alberta	124 24
Battle Valley	Sask.	15 25
Battleview	Alberta	95 50
Beauval	Sask.	24 50
Bavelaw (closed 5-1-18)	Sask.	5 20
Baxter's Harbour	N.S.	37 25
Baxterville	Sask.	33 00
Bayard	P.Q.	57 14
Bayard Station	Sask.	199 88
Bay du Vin	N.B.	347 00
Bay du Vin Mills	N.B.	10 00
Bayer Settlement	N.S.	46 26
Bayham	Ont.	159 18
Bayhead	N.S.	259 92
Bay Road Valley	N.S.	14 70
Bayside	N.S.	79 80
Bayside	N.B.	82 95
Bay St. Lawrence	N.S.	95 26
Bayswater	N.B.	58 60
Bayswater	N.S.	93 95
Bayswater	Ont.	*a*
Bayton	Man.	34 00
Bay View	N.S.	58 50
Bay View	N.B.	63 85
Beach Meadows	N.S.	173 75
Beach Park (summer office)	Ont.	
Beacon Hill (closed 1-5-17)	N.S.	
Beaconsfield	Man.	49 55
Beaconsfield	P.Q.	272 29
Bearberry	Alberta	56 56
Bear Brook	Ont.	222 82
Bear Cave	Ont.	17 00
Bear Cove, Cheticamp	N.S.	41 00
Bear Creek (closed 29-5-17)	B.C.	28 75
Bear Island (summer office)	Ont.	381 92
Bear Line	Ont.	269 75
Bearn	P.Q.	142 75
Bear Point	N.S.	144 44
Bear River East	N.S.	94 30
Bear River	P.E.I.	309 15
Bear Stream	Sask.	17 45
Beaton Road	P.E.I.	32 98
Beaton's Mills	P.E.I.	336 00
Beatonville	N.S.	32 45
Beatrice	Ont.	134 59
Beaudoin	P.Q.	22 00
Beaudoin Centre	P.Q.	76 60
Beaufort	N.B.	117 75
Beaulac	P.Q.	19 00
Beauly	N.S.	13 01
Beaumont	P.Q.	230 75
Beaumont	N.B.	76 63
Beauport East	P.Q.	68 20
Beaurepaire (summer office)	P.Q.	79 00
Beausejour	P.Q.	110 42
Beausoleil	P.Q.	46 20
Beauvallon	Alberta	65 78
Beaver	B.C.	215 20
Beaver Bank	N.S.	220 25
Beaver Brook	N.B.	35 00
Beaver Brook Station	N.B.	41 40
Beaver Cove	N.S.	89 73
Beaver Creek	B.C.	92 00
Beaver Crossing	Alberta	59 00
Beaver Dale	Sask.	68 45
Beaverdell	B.C.	140 56
Beaver Harbour	N.S.	134 70
Beaver Hills	Alberta	27 55
Beaver Lake	B.C.	82 00
Beaver Lake	Alberta	73 00
Beaver Landing (closed 1-3-18)	Sask.	12 50
Beaver Plains (closed 12-1-18)	Sask.	5 75
Beaver Point	B.C.	114 70

a For Revenue *see* under Ottawa Sub-Office.

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Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.	Name of Post Office.	Province.	Revenue.
		$ cts.			$ cts.
Beaver River	N.S	242 95	Bergland	Ont	346 20
Beazer	Alberta	119 08	Berlo	Man	52 40
Bechard	Sask	226 50	Bernard	Sask	33 50
Becher	Ont	396 75	Bernier	P.Q	3 82
Beckenham	Sask	79 50	Berny	Alberta	39 00
Beckville	Man	57 25	Berriedale	Ont	132 50
Beddington	Alberta	70 50	Berry Hill	N.S	20 00
Bedford Station	P.E.I	279 46	Berry Creek	Alberta	303 00
Bedford Station	Man	63 10	Berryer	P.Q	116 69
Bedfordville	Sask	30 75	Berry Mill Station	N.B	218 75
Bedworth	Ont	62 25	Berrymoor	Alberta	36 85
Beach Hill	N.S	29 00	Bersimis	P.Q	204 80
Beech Hill Farms	N.S	50 50	Berthelot	P.Q	49 70
Beech Lane	Ont	21 00	Berthe	P.Q	9 00
Beechmont	N.S	6 00	Berton	Man	343 45
Beechmont North	N.S	15 00	Bertrand	N.B	54 01
Beechville	N.S	14 00	Bérubé	P.Q	53 70
Beechwood	N.B	175 00	Berwick West	N.S	30 00
Beechwood	N.S	12 00	Bestville	Sask	100 50
Beersville	N.B	108 95	Bestwick	B.C	53 20
Begin	P.Q	36 01	Bethel	P.Q	133 95
Beith (closed 1-8-17)	P.Q	20 00	Bethesda	Ont	226 00
Bekever	Sask	20 00	Beulah	N.B	102 01
Belanger	Sask	47 50	Bewdley	Ont	274 44
Belbeck	Sask	227 00	Beynes	Sask	19 35
Belbute	Sask	43 26	Beynon	Alberta	151 05
Belford	B.C	42 75	Bezanson	Alberta	122 45
Bellavance	P.Q	94 61	Bible Hill	N.S	713 00
Bella Bella	B.C	230 50	Bickerdike	Alberta	213 94
Bellcamp	Alberta	27 50	Bickle	B.C	115 50
Belle Anse	P.Q	179 00	Bickford	Ont	345 02
Belle Cote	N.S	223 10	Bideford	P.E.I	179 05
Belle Creek	P.E.I	231 00	Bickleigh	Sask	41 40
Belledune	N.B	178 28	Bield	Man	193 59
Belledune River	N.B	114 60	Bifrost	Man	44 55
Bellefeuille	P.Q	39 00	Big Bank	N.S	66 20
Belleſleur	N.B	42 45	Big Bar Creek	B.C	136 35
Bellefontaine	N.S	55 47	Big Bay Point (summer office)	Ont	
Bellegarde	Sask	62 60	Big Beach	N.S	55 90
Belleisle Creek	N.B	565 90	Big Brook	N.S	6 00
Belle Marche	N.S	74 10	Big Cedar Point (summer office)	Ont	52 00
Bellerive Station	P.Q	179 65	Big Cove	N.B	35 00
Belle Plage (summer office)	P.Q	65 00	Big Creek	B.C	76 27
Bellerose	B.C	36 00	Bigelow (opened 3-12-17)	Ont	34 05
Belleville	N.B	36 25	Bigford	Sask	80 55
Belleville	N.S	137 00	Big Fork	Ont	134 91
Belleville North	N.S	151 25	Biggar Ridge	N.B	190 17
Belleville South	N.S	53 00	Big Glen	N.S	28 20
Bellevue Junction	P.Q	28 00	Big Harbour	N.S	10 00
Belley	P.Q	16 00	Big Harbour Centre	N.S	32 02
Bellehampton	Man	56 50	Big Harbour Island	N.S	28 68
Bellingham	Ont	99 75	Big Intervale (Cape North)	N.S	26 00
Bellis	Alberta	85 19	Big Intervale (Margaree)	N.S	15 00
Belliveau Village	N.B	36 00	Big Island	N.S	50 20
Bells Mills	N.B	13 00	Big Lake	Ont	176 79
Bell Mount	P.Q	67 90	Big Lorraine	N.S	30 50
Belloni	N.S	96 05	Big Marsh	N.S	21 00
Bell Rapids	Ont	57 00	Big Meadow	N.S	42 50
Bellrock	Ont	135 50	Big Muddy	Sask	104 80
Bellshill	Alberta	24 40	Big Pond	N.S	89 00
Belmina	P.Q	63 00	Big Pond Centre	N.S	68 00
Bellmore	Ont	325 50	Big Port L'Hébert	N.S	21 60
Belton	Ont	387 39	Big Prairie	Alberta	161 70
Belvedere	Alberta	276 21	Big Ridge	N.S	28 00
Belvoir	Sask	34 25	Big Ridge South	N.S	21 00
Benacadie	N.S	42 29	Big Spring	Alberta	31 88
Benacadie Pond	N.S	19 23	Big Stick Lake	Sask	176 63
Benacadie West	N.S	30 60	Big Stone	Alberta	138 85
Benard	Man	162 70	Big Woody	Man	26 35
Benbecula	Sask	15 25	Billimun	Sask	38 70
Ben Eoin	N.S	20 09	Bingley	Alberta	45 35
Benjamin's Mills	N.S	29 75	Bingville	Alberta	55 68
Benjamin River	N.B	118 75	Birchbank	B.C	47 50
Ben Lomond	N.B	79 00	Birch Brook	N.S	32 00
Bennett	P.Q	58 50	Birch Creek	Sask	34 60
Benoit (closed 18-4-17)	Ont		Birch Island (opened 1-5-17)	B.C	110 92
Benstephen	Sask	44 00	Birch Plain	N.S	29 25
Benton Siding	B.C	203 36	Birch Ridge	N.B	59 50
Bent River	Ont	110 78	Birch River	Man	344 00
Berens River	Man	74 81	Birch Siding	N.B	50 00
Beresford	N.B	275 00	Birchtown	N.S	152 30
Beresina	Sask	14 00	Birchwood	N.S	17 00
Bergen	Alberta	77 50	Bird River	Man	22 00
Bergeron	P.Q	45 00	Birdsalls	Ont	176 77
Bergfield	Sask	55 26	Bird's Creek	Ont	155 75

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Birdsholm	Alberta	110 25
Birdtail	Man	150 00
Birdton (closed 1-11-17)	N.B	28 00
Birkendale	Ont	214 50
Birr	Ont	154 95
Bisaillon	P.Q	113 85
Bishop Landing (opened 1-6-17)	B.C	75 82
Bishopville	N.S	6 00
Bismark	Alberta	109 47
Bissett Creek	Ont	107 70
Bjorkdale	Sask	60 30
Black Avon	N.S	34 50
Black Brook	N.S	52 00
Blackburn	Ont	49 58
Blackburn Mine	P.Q	32 00
Blackdale	Man	26 50
Black Donald	Ont	32 00
Blackett's Lake	N.S	10 00
Black Hawk	Ont	384 20
Black Heath	Ont	485 43
Black Hills	Yukon	51 75
Black Land	N.B	212 00
Blackloam	B.C	20 00
Black Pines	B.C	65 20
Black Point	N.B	168 65
Black Point	N.S	258 00
Black Point	N.S	42 25
Black Pool	B.C	153 30
Black River, Northumberland	N.B	57 90
Black River, St. John	N.B	65 00
Black River Bridge	N.B	145 00
Black Rock	N.S	10 00
Black Rock	N.B	27 00
Black Rock	N.S	29 00
Black's Harbour	N.B	1,166 00
Blackstone	N.S	65 00
Blackstone Lake	Ont	69 59
Blacktail	Alberta	19 00
Blackwood	Sask	115 80
Blair	N.B	345 00
Blair Athol	N.B	75 00
Blairhampton	Ont	17 30
Blairton	Ont	101 79
Blais	P.Q	28 00
Blakesville (closed 1-11-17)	Alberta	52 81
Blanchard Road	N.S	12 00
Blanchard Settlement	N.B	46 10
Blanche	N.S	85 55
Blanchet	P.Q	93 95
Blandford	P.Q	93 19
Blantyre	Ont	255 46
Blaquière	P.Q	7 00
Blayney	Ont	68 00
Blind Creek	Alberta	93 50
Blind Bay	B.C	140 00
Blind Channel (opened 1-10-17)	B.C	95 75
Blissfield	N.B	265 95
Blissville	N.B	42 00
Block 14	N.B	24 00
Block House	N.S	243 90
Blondheim (closed 24-11-17)	Alberta	7 50
Blondin	P.Q	428 58
Bloomfield	N.S	61 50
Bloomfield Ridge	N.B	19 78
Blooming	Sask	58 00
Bloomingdale	Ont	111 75
Bloomington	N.S	56 35
Bloomington	Ont	126 33
Blucher Hall	B.C	44 20
Blue Bell	N.B	67 50
Blueberry Creek	B.C	32 50
Blue Cove	N.B	61 50
Blue Lake	Ont	169 80
Blue Mountain	N.S	130 65
Blue Mountain Bend	N.B	41 81
Blue Rock	N.S	140 00
Blue Sea Corner (closed 1-11-17)	N.S	24 50
Blue Sea Lake	P.Q	275 22
Bluesky	Alberta	246 37
Blue's Mill	N.S	58 20
Bluff Creek	Man	166 75
Boakview	Ont	137 43
Bobs Lake	Ont	59 70
Bocabec	N.B	121 20
Bocage	P.Q	22 60
Bodhan	Man	31 00
Bogart	Ont	147 00
Bog End	Sask	74 70
Boian	Alberta	83 41
Boilard	P.Q	139 58
Boisdale	N.S	154 72
Bois Franc	P.Q	214 92
Bois des Hurons	P.Q	42 50
Boishébert	N.B	43 00
Boivin	P.Q	21 05
Bold Point	B.C	71 83
Bolger Bridge (summer office)	Ont	207 74
Bolingbrooke	Ont	88 70
Bolkow	Ont	107 95
Bolney	Sask	45 50
Bon Accord	N.B	67 70
Bon Air (summer office)	Ont	57 50
Bonanza	Yukon	138 50
Bonaventure East	P.Q	360 11
Bonaventure Island	P.Q	50 00
Bon Désir	P.Q	51 35
Bond (closed 1-7-17)	Sask	12 00
Bondiss	Alberta	101 20
Bondville	P.Q	277 05
Bon Echo (summer office)	Ont	45 00
Bonheur	Ont	98 00
Bonlea	Alberta	51 51
Boninville	Ont	120 45
Bonnechère	Ont	76 90
Bonne Espérance	P.Q	57 23
Bonne Madone	Sask	71 30
Bonney River Station	N.B	221 60
Bonnie Doon	Man	17 00
Bonnie Glen	Alberta	55 16
Bonnington Falls	B.C	440 55
Bon Secours	N.B	45 03
Boom Road	N.B	163 00
Booth	P.Q	205 00
Bord à Plouffe	P.Q	331 42
Bordenave	Alberta	36 50
Borderland	Sask	30 25
Bordenwood	Ont	42 85
Borland	B.C	45 00
Porradaile	Alberta	50 45
Borszezow	Alberta	14 00
Boschink (summer office)	Ont	
Boskung	Ont	82 60
Bosse	N.B	29 00
Boston Bar	B.C	197 25
Botrel	P.Q	10 00
Botsford Portage	N.B	42 00
Bouchard	P.Q	81 45
Boucher	N.B	53 00
Boucherville	Ont	23 50
Bouck's Hill	Ont	198 69
Boudreau	N.B	58 00
Boudreauville	N.S	102 70
Boudreau Village	N.B	49 70
Bougainville	P.Q	55 00
Boughton Island	P.E.I	30 60
Boulardarie	N.S	42 50
Boulardarie Centre	N.S	44 19
Boulardarie East	N.S	42 00
Boulardarie West	N.S	46 00
Boulay	P.Q	30 35
Boulter	Ont	239 85
Boultonville	Man	16 00
Boundary Bay	B.C	43 25
Boundary Creek	Alberta	62 66
Boundary Creek	N.B	332 00
Boundary Presqu'Ile	N.B	18 00
Bourbon	P.Q	38 60
Bourdeau	Ont	63 00
Bourgault	P.Q	30 00
Bourgeois	N.B	61 90
Bourgeois Mills	N.B	35 00
Bourg Louis	P.Q	82 50
Bourgogne	Sask	25 00
Bourkes	Ont	317 33
Bourlamaque (summer office)	P.Q	20 00
Bournival	P.Q	20 00
Bousquet	P.Q	68 25
Bout de l'Isle	P.Q	90 00
Bout du Monde	P.Q	27 50

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Boutilier Point	N.S.	152 00
Boutin	Sask.	129 12
Bouvier	Alberta	109 70
Bouville	Man.	36 60
Bowesville	Ont.	75 25
Bowmanton	Alberta	31 75
Bow Park Farm	Ont.	40 00
Bowser	B.C.	119 00
Bow-Valley	Alberta	24 73
Box Grove	Ont.	107 14
Box Springs	Alberta	8 00
Boyd's	N.S.	8 00
Boyer	P.Q.	73 05
Boyne Lake	Alberta	202 06
Boynton	P.Q.	258 65
Brabazon	P.Q.	24 00
Brackenrig	Ont.	67 45
Brackley Beach	P.E.I.	107 50
Brackley Point (closed 30-6-17)	P.E.I.	3 50
Bradley Creek	Ont.	35 50
Bradner	B.C.	385 75
Bradore Bay	P.Q.	21 10
Bragg Creek	Alberta	21 25
Bramber	N.S.	59 35
Branch Dead Letter Office	N.S.	
Branch La Have	N.S.	82 00
Brancepeth	Sask.	228 90
Branham Island (opened 1-9-17)	B.C.	12 50
Bransfield	N.B.	72 15
Brantville	N.B.	47 50
Bras d'Apic	P.Q.	114 50
Brass Hill	N.S.	245 05
Brawford	Alberta	100 56
Brazil Lake	N.S.	175 85
Breault Mill	P.Q.	52 89
Breau Village	N.B.	114 60
Brêche à Manon	P.Q.	102 50
Brechin (closed 1-9-17)	B.C.	10 00
Breckenridge Station	P.Q.	282 37
Breda	Alberta	16 00
Bredin	Alberta	17 50
Bremen	Sask.	117 25
Brennan Hills	P.Q.	190 00
Brennen	Ont.	48 48
Brentha	Ont.	119 35
Brentwood	Ont.	186 30
Brentwood	N.S.	81 20
Brest	N.B.	72 50
Bretagneville, late McLeod Mills (1-4-17)	N.B.	68 50
Brethour	Ont.	90 73
Brewer	Sask.	86 00
Brewer's Mills	Ont.	254 00
Brewesterville	Man.	31 20
Briar Lake	N.S.	37 45
Briarlea	Sask.	41 75
Brickton	N.S.	154 34
Bridge Creek (closed 1-1-18)	Man.	12 00
Bridgedale	N.B.	32 25
Bridgeville	P.Q.	245 63
Bridgeport	Ont.	405 19
Bridstow	Alberta	32 65
Briereville	Alberta	35 01
Brierwood	Man.	30 25
Brigade Lake	B.C.	118 50
Brigg's Corner	N.B.	81 73
Bright Bank	Alberta	153 53
Brighton	N.S.	282 40
Brighton Beach (summer office)	Ont.	106 00
Brightholme	Sask.	11 00
Bright Sand	Sask.	219 65
Brightside	Ont.	41 00
Brightstone	Man.	30 00
Brightwood (closed 15-10-17)	Alberta	11 00
Briley's Brook	N.S.	40 55
Brilliant	B.C.	505 40
Brinkman's Corners	Ont.	136 90
Brisco	B.C.	183 51
Brisson (closed 1-2-18)	Ont.	32 24
Bristol Mines	P.Q.	102 53
Bristol Ridge	P.Q.	108 76
Britain	Alberta	55 00
Britainville	Ont.	36 00
Britannia Heights	Ont.	173 29
Brithdir	Sask.	86 00
Briton Cove	N.S.	94 90
Britonville	P.Q.	33 00
Britton	Ont.	603 40
Broadbent	Ont.	80 00
Broad Cove (Lunenburg)	N.S.	253 00
Broad Cove Chapel	N.S.	80 00
Broad Cove Marsh	N.S.	19 00
Broadlands	P.Q.	120 78
Broadwater	B.C.	88 90
Broadway	N.S.	50 40
Brockington	Sask.	59 00
Brokenhead	Man.	71 50
Brombury	Sask.	110 40
Bromley Line	Ont.	100 90
Bronson	Ont.	82 65
Brookdale	P.Q.	97 16
Brookfield Mines	N.S.	144 36
Brooklyn	N.S.	153 00
Brooklyn Corner	N.S.	96 00
Brookmere	B.C.	302 25
Brookside	Sask.	172 70
Brooksley	Alberta	55 25
Brookton	N.B.	12 75
Brookvale	N.B.	39 42
Brookvale	N.S.	46 50
Brook Village	N.S.	317 41
Brooks Village Rear	N.S.	198 00
Brookville	N.B.	710 00
Brophy's	N.S.	18 00
Brora	Sask.	122 30
Brosseau	Alberta	287 08
Brotherston	Ont.	51 00
Brough	Sask.	72 20
Brouse (closed 1-6-17)	B.C.	14 00
Brower (late Abitibi opened 1-11-17)	Ont.	69 95
Brown	Man.	162 45
Brownfield	Alberta	170 88
Brown Hill	Ont.	164 55
Browning Island (summer office)	Ont.	35 00
Brown's Corners	Ont.	164 60
Brown's Flats	N.B.	370 50
Brown's Mountain	N.S.	9 00
Brownsville	N.S.	74 53
Brulé	N.S.	81 50
Brunet	P.Q.	262 02
Brunetville	Ont.	161 50
Brunner	Ont.	270 25
Brutus	Alberta	69 75
Bryant	Sask.	158 00
Bryants Corner	N.B.	74 25
Bryenton	N.B.	163 35
Brynmarl	B.C.	92 75
Bryon Island (summer office)	P.Q.	19 70
Brysonville	P.Q.	202 25
B-Say-Tah (summer office)	Sask.	22 00
Buchanan (closed 16-6-17)	Ont.	
Buckfield	N.S.	51 75
Buckhorn	Alberta	41 70
Buck Lake	Ont.	10 00
Bucklaw	N.S.	31 68
Buckskin (closed 30-4-17)	Ont.	
Buctouche Bay	N.B.	61 40
Budd Mills	Ont.	21 00
Buena Vista	B.C.	34 00
Buffalo Gap	Sask.	66 35
Buffalo Head	Sask.	299 80
Buffalo Horn	Sask.	104 55
Buffalo Lake (late Spitfire Lake 1-10-17)	Alberta	47 00
Buffalo View	Alberta	43 50
Buford	Alberta	122 00
Buller	Ont.	23 00
Bull Moose Hill	N.B.	10 00
Bulstrode Station	P.Q.	251 45
Bunesville	Sask.	6 85
Bunglass	Sask.	20 50
Burfield	Alberta	108 68
Burgis	Sask.	123 49
Burk's Corners	P.Q.	86 10
Burleigh	Ont.	90 20
Burleigh Falls	Ont.	147 35
Burlington	N.S.	86 05
Burnaby	Ont.	109 39

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Burnbank	Man.	87 50
Burnhamthorpe	Ont.	202 64
Burnley	Ont.	154 87
Burnside	Man.	258 44
Burns Lake	B.C.	486 60
Burnsville	N.B.	255 02
Burntcoat	N.S.	29 00
Burnt Land Brook	N.B.	128 00
Burpee	Ont.	19 00
Burquitlam	B.C.	193 90
Burr	Sask.	121 47
Burrard Inlet	B.C.	390 00
Burridge	Ont.	143 26
Burriss	Ont.	131 35
Burritt	Ont.	32 50
Burtch	Ont.	133 00
Burtonsville	Alberta.	92 80
Burwash	Ont.	514 44
Bushland	Alberta.	16 00
Butedale (opened 1-7-17)	B.C.	140 85
Butterby	Sask.	53 20
Butterton	Sask.	17 40
Byrne's Road	P.E.I.	19 00
Byron	Ont.	531 00
CACHÉ CREEK	B.C.	164 50
Caché Lake	Alberta.	26 32
Cacouna South (summer office)	P.Q.	11 00
Cactus	Sask.	45 50
Cadboro Bay	B.C.	458 25
Caderette	Ont.	62 11
Cadot (closed 1-8-17)	P.Q.	17 10
Cadrin	P.Q.	48 50
Cailmont	Sask.	85 70
Cail's Mills	N.B.	49 10
Cain's Mountain	N.S.	37 50
Cain's River	N.B.	85 45
Cairnside	P.Q.	83 00
Calahoo (opened 15-5-17)	Alberta.	35 00
Calais	Alberta.	64 00
Calbeck	Alberta.	40 00
Calderbank	Sask.	39 95
Caldwell	P.Q.	109 15
Caldwell	Alberta.	67 75
Caldwell Brook	N.B.	132 09
Caledonia	N.S.	153 00
Caledonia	P.E.I.	159 91
Caledonia Mills	N.S.	36 00
Caledonia Ridge	Ont.	30 00
Calendula	Alberta.	18 75
Calgary Sub-Office No. 13	Alberta.	*a*
Calgary Sub-Office No. 23	Alberta.	*a*
Calgary Sub-Office No. 25	Alberta.	*a*
Calgary Sub-Office No. 26	Alberta.	*a*
Calhoun	N.B.	98 10
Caliento	Man.	154 12
California	N.B.	42 98
Callières	P.Q.	5 00
Calvin (closed 20-6-17)	Ont.	21 50
Camagna	B.C.	61 00
Camberley	Sask.	15 35
Camborne	Ont.	157 61
Cambria	P.Q.	124 05
Cambridge	N.S.	68 00
Camden	N.S.	53 00
Camel Chute	Ont.	80 76
Cameron Island (summer office)	Ont.	7 00
Cameron Lake	B.C.	141 45
Cameron's Mills	N.B.	15 00
Cameron Settlement	N.S.	40 04
Campbell Hill	Alberta.	25 75
Campbell Lake	Alberta.	58 31
Campbell Mountain	N.S.	12 00
Campbell's Cross	Ont.	87 30
Campbell Settlement (closed 1-3-18)	N.B.	38 60
Campbelton	Ont.	86 18
Camperdown	Ont.	257 04
Camperdown	N.S.	20 00
Camperville	Man.	211 41
Camp Leaside (F.P.O. opened 1-6-17)	Ont.	.....
Camp Mohawk (F.P.O. opened 14-5-17)	Ont.	50 00
Campsie	Alberta.	24 00
Camp Sussex	N.B.	.....
Cana	Sask.	139 99
Canaan	N.S.	36 00
Canaan Rapids	N.B.	18 00
Canaan Station	N.B.	138 30
Canada Creek	N.S.	93 77
Canal (summer office)	Ont.	28 25
Canal Flats	B.C.	84 50
Cane	Ont.	246 60
Canim Lake	B.C.	58 50
Cannamore	Ont.	217 31
Cannell	Alberta.	47 50
Cannes	N.S.	256 70
Canning	Ont.	144 07
Cannington Manor	Sask.	74 00
Canobie	N.B.	100 25
Canoe Cove	P.E.I.	105 25
Canoe Lake	N.S.	21 00
Canopus (closed 1-12-17)	Sask.	17 25
Canous	N.B.	22 00
Canough Creek	B.C.	39 25
Cantal	Sask.	57 00
Cantin	P.Q.	35 00
Canton	Ont.	162 00
Canton Taché	P.Q.	120 00
Canuck	Sask.	147 39
Camp Sussex		.....
Cap à la Baleine	P.Q.	52 80
Cap à la Branche	P.Q.	92 03
Cap aux Corbeaux	P.Q.	25 70
Cap au Renard	P.Q.	32 50
Cap au Oies	P.Q.	40 70
Capau Os	P.Q.	97 13
Cap Bateau	N.B.	38 05
Cap d'Espoir	P.Q.	196 30
Cap d'Espoir Centre	P.Q.	146 25
Cap des Rosiers	P.Q.	138 42
Cape Augnet	N.S.	40 00
Cape Chin	Ont.	78 98
Cape Cliff (reopened 1-1-18)	N.S.	54 00
Cape Croker	Ont.	445 23
Cape Dauphin	N.S.	49 70
Cape de Moiselle Creek	N.B.	58 00
Cape d'Or	N.S.	49 90
Cape Enrage	N.B.	36 86
Cape Fourchu (summer office)	N.S.	14 50
Cape George	N.S.	48 00
Cape George Harbour	N.S.	28 50
Cape Jack	N.S.	40 00
Cape Negro	N.S.	111 00
Cape Negro Island	N.S.	99 87
Cape Rich	Ont.	15 00
Cape Sable Island, south side	N.S.	128 01
Cape Scott	B.C.	97 05
Cape Station	N.B.	64 25
Cape Tormentine	N.B.	430 35
Capélano	B.C.	426 55
Capital	Sask.	18 50
Capitol Hill	B.C.	172 18
Cap La Ronde	N.S.	55 40
Cap Lumière	N.B.	46 00
Cappon	Alberta.	172 21
Cap Rouge	P.Q.	614 78
Cap Rouge	N.S.	18 00
Cap St. Gabriel (closed 30-8-17)	P.Q.	20 00
Cape St. Ignace, Station	P.Q.	380 90
Cap St. Martin	P.Q.	70 00
Capstick	N.S.	30 75
Cap Tourmente	P.Q.	129 90
Capucins	P.Q.	130 13
Cardell	Sask.	89 45
Carey	Man.	142 20
Carholme	Ont.	113 94
Cariboo Gold Mines	N.S.	188 23
Cariboo Island	N.S.	20 00
Cariboo Islands	P.Q.	36 30
Cariboo Marsh	N.S.	37 50
Cariboo River (closed 1-5-17)	N.S.	4 00
Cariss	Sask.	39 00
Carlea	Sask.	132 25
Carleton Ouest	P.Q.	87 50
Carleton Village	N.S.	94 25

a For Revenue see under Calgary Sub-Office.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Carlin	B.C.	144 50
Carling	Ont.	68 15
Carlingford	N.B.	36 50
Carlisle	N.B.	62 70
Carlos	Alberta	75 95
Carlow	N.B.	11 00
Carlton	Sask.	392 52
Carlton Hill (opened 8-5-17)	Alberta	36 64
Carlyle Lake Resort (summer office)	Sask.	94 00
Carmel	Ont.	51 32
Carnagh	Sask.	27 50
Carnarvon	Ont.	320 52
Carnforth	Alberta	50 22
Carnoustie	Sask.	56 60
Caron Brook	N.B.	214 59
Carr	Ont.	161 88
Carrignan	Sask.	22 50
Carroll	P.Q.	37 99
Carroll's Corners	N.S.	33 00
Carroll's Crossing	N.B.	136 00
Carrollton (opened 1-1-18)	Sask.	25 00
Carrot Creek	Alberta	207 54
Carr's Brook	N.S.	91 31
Carrville	Ont.	20 78
Carsonby (reopened 23-4-17)	Ont.	86 11
Carter's Point	N.B.	77 70
Casault	P.Q.	60 50
Casavant	Alberta	28 00
Caseleyville (closed 1-5-17)	Alberta	
Cashtown	Ont.	38 00
Caspaco	B.C.	125 34
Cassilis	N.B.	82 75
Castalia	N.B.	333 16
Castelnau	P.Q.	56 13
Castaway	N.B.	4 00
Castel Bay	N.S.	58 80
Castle Coomb	Sask.	29 75
Castledale	B.C.	122 80
Castlederg	Ont.	25 25
Castlemore	Ont.	139 00
Castlereagh	N.S.	15 00
Castle Rock	B.C.	54 70
Catalone	N.S.	83 00
Catalone Gut	N.S.	35 00
Catalone Road	N.S.	50 00
Catamount	N.B.	44 00
Cataract	Ont.	182 53
Catchacoma	Ont.	25 00
Catchem (closed 18-12-17)	Alberta	29 00
Cater	Sask.	25 00
Cateville	Sask.	37 75
Cavendish (late Pancras, 1-9-17)	Alberta	
Cavers	Ont.	97 67
Cawston	B.C.	149 50
Cawood	P.Q.	64 00
Cayer	Man.	109 25
Cecebe	Ont.	68 25
Cecil	Sask.	82 20
Cedar	B.C.	166 50
Cedarbrae	Ont.	192 50
Cedar Croft (summer office)	Ont.	107 00
Cedarkine	Man.	45 32
Cedar Lake	N.S.	43 00
Cedar Lake	Man.	11 50
Celtic	Sask.	52 00
Centennial	N.S.	54 00
Central Argyle	N.S.	292 80
Central Chebogue	N.S.	78 45
Central Clarence	N.S.	369 50
Central Earlton	N.S.	10 00
Central Greenwich	N.B.	275 10
Central Grove	N.S.	101 00
Central Hampstead	N.B.	178 55
Central New Annan	N.S.	176 38
Central North River	N.S.	36 00
Central Port Mouton	N.S.	305 60
Central Waterville	N.B.	35 26
Central Wood Harbour	N.S.	87 00
Central Acadie	N.B.	90 96
Centredale	N.S.	24 00
Centre Dummer	Ont.	32 95
Centre Millstream	N.B.	37 64
Centre Musquodoboit	N.S.	238 07
Centre Nappan	N.B.	53 00
Centre St. Simon	N.B.	29 35
Centreton	Ont.	300 90
Centreview	Ont.	51 25
Centre Village	N.B.	10 50
Centreville	N.S.	680 16
Centreville East	N.S.	10 00
Centurion	Ont.	32 00
Cessford (closed 1-10-17, reopened 1-11-17)	Alberta	112 67
Chaffey's Locks	Ont.	743 18
Chagoness	Sask.	123 95
Chailey	Alberta	85 38
Chalet (summer office)	N.B.	68 00
Chalifoux	P.Q.	14 15
Chamberey	Sask.	96 00
Chambord Est	P.Q.	29 00
Chambord Junction	P.Q.	337 80
Chamcook	N.B.	745 00
Champagne	Yukon	67 50
Champigny	P.Q.	347 54
Chance Harbour	N.B.	176 50
Chance Harbour	N.S.	18 00
Chandonnet	P.Q.	22 05
Chandos	Ont.	44 35
Chantelle (closed 17-2-18)	P.Q.	11 73
Chantler	Ont.	106 00
Chantry	Ont.	214 30
Chapais	P.Q.	63 00
Chapleau Station (summer office)	P.Q.	65 00
Chaplin	N.S.	34 00
Chaplin Road	N.B.	42 30
Chapman	Ont.	126 50
Chapman Settlement (closed 1-1-18)	N.S.	12 50
Chapple	Ont.	11 00
Charette	P.Q.	455 83
Charlesbourg West	P.Q.	51 20
Charleston	N.S.	99 00
Charleston	Ont.	246 05
Charleswood	Man.	161 50
Charlos Cove	N.S.	144 15
Charlo Station	N.B.	365 22
Charlotte	Sask.	259 95
Charron (opened 1-12-17)	Alberta	15 00
Chartersville	N.B.	11 00
Chartrand Corner	Ont.	68 98
Chase Corners	Ont.	68 41
Chaswood	N.S.	153 08
Chateau Lake Louise (summer office)	Alberta	1,479 00
Chater	Man.	291 55
Chaudière Basin	P.Q.	130 75
Chaudière Station	P.Q.	220 76
Chaumont	P.Q.	26 00
Cheam View	B.C.	23 00
Chebogue Point	N.S.	77 00
Cheddar	Ont.	35 10
Chegoggin	N.S.	333 45
Chellwood	Sask.	35 25
Chelmsford	N.B.	78 50
Chelsea	N.S.	144 09
Chemical Road	N.B.	12 00
Chemin Neuf	P.Q.	15 00
Chenard	P.Q.	16 44
Cheney Station	Ont.	117 35
Chenier	P.Q.	146 70
Chepstow	Ont.	467 38
Cherryfield	N.S.	49 69
Cherryfield	N.B.	33 00
Cherry Hill	N.S.	170 80
Cherry Valley	P.E.I.	275 27
Cherrywood	Ont.	180 00
Chesaning	Sask.	25 26
Chester Grant	N.S.	35 20
Chester Nord	P.Q.	18 20
Chesterwold	Alberta	101 00
Cheticamp	N.S.	35 30
Chevalier	P.Q.	8 00
Cheviot	Sask.	333 14
Chevrier	Ont.	61 50
Chezacut	B.C.	51 70
Chiasson	N.B.	36 12
Chichester	P.Q.	219 98
Chief Lake	B.C.	23 90
Chigwell	Alberta	116 30
Chikopi (summer office)	Ont.	18 00
Chilanco Forks	B.C.	22 50
Chilco	B.C.	65 30

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue. $ cts.
Chilmark	Alberta	148 60
Chimney Corner	N.S.	36 00
Chimney Creek (closed 15-4-17)	B.C.	
Chin	Alberta	204 50
Chinook Cove	B.C.	192 35
Chipman's Brook	N.S.	5 00
Chipman's Corners	N.S.	81 25
Chippewa Hill	Ont.	168 25
Chiswick	Ont.	262 72
Chlorydormes	P.Q.	220 60
Chocolate Cove	N.B.	63 75
Choisy	P.Q.	198 32
Choquette	P.Q.	50 90
Chortitz	Man.	77 60
Christian Island	Ont.	112 61
Christieville	P.Q.	181 20
Christina	Ont.	122 75
Christina Lake	B.C.	73 00
Chubbville	Sask.	60 95
Chu Chua	B.C.	188 26
Chudleigh	Ont.	53 00
Churcane (closed 20-10-17)	Sask.	13 25
Church Hill	N.B.	14 00
Church Lake	N.S.	31 32
Church House	B.C.	170 00
Church Over	N.S.	63 75
Churchview	N.S.	87 70
Churchville	Ont.	178 00
Chute Nairn	P.Q.	105 16
Chute Panet	P.Q.	347 00
Chutes Péribonca	P.Q.	73 00
Chute Shipshaw	P.Q.	68 52
Chute Victoria	P.Q.	50 52
Claire Fontaine	N.B.	18 25
Clairmont Road	N.S.	5 02
Claivaux de Bagot	P.Q.	133 48
Clairvaux de Charlevoix	P.Q.	36 87
Clairville	N.B.	80 75
Clam Bay	N.S.	28 75
Clam Harbour	N.S.	228 00
Clam Point	N.S.	40 00
Clanricarde	Ont.	46 93
Clansman	Sask.	42 00
Clapham	P.Q.	68 64
Clapperton	P.Q.	155 16
Clapton	Sask.	10 00
Clarendon Station	N.B.	244 85
Clarina	Ont.	80 38
Clarinda	Alberta	23 21
Clarkboro	Sask.	125 00
Clarkleigh	Man.	232 84
Clarke Manor	Alberta	20 00
Clark's Crossing	Sask.	204 20
Clark's Road	N.S.	22 50
Clarksville	N.S.	261 26
Clarkville	N.B.	32 00
Claverhouse	N.S.	20 00
Clavering	Ont.	279 33
Claxton	B.C.	80 00
Clay Bank	Ont.	24 00
Claydon	Sask.	109 02
Claybank	Sask.	151 90
Claytonville	Sask.	31 00
Clearfield (closed 1-1-18)	Sask.	5 00
Clear Lake	Ont.	70 25
Clearland	N.S.	12 00
Cleland Corners	N.S.	20 51
Clematis	Man.	35 05
Clement	P.Q.	92 20
Clevelands	N.B.	12 00
Cliffordvale	N.B.	275 98
Clifton	N.B.	182 49
Cliftonville	Sask.	67 50
Climax	Sask.	24 00
Clivale	Alberta	188 18
Clodford	Alberta	119 20
Clontarf	Ont.	113 00
Clo-oose	B.C.	220 75
Cloud Bay	Ont.	60 40
Cloudslee (closed 1-5-17)	Ont.	
Clouston	Sask.	240 45
Cloutier	P.Q.	122 24
Cloverdale	N.S.	29 85
Cloverdale	N.B.	175 13
Cloverdale East	N.B.	29 00
Cloverleaf	Man.	82 40
Cloverley	Sask.	131 28
Clover Hill	N.B.	42 23
Cloverville	N.S.	9 00
Club Shawinigan	P.Q.	49 70
Club Summit (opened 21-5-17)	P.Q.	27 55
Cluffield	Sask.	127 25
Clumber	Sask.	30 70
Clydesdale	Ont.	146 65
Clymont	Alberta	15 73
Clute	P.Q.	241 24
Coal Branch Station	N.B.	294 27
Coal Creek	N.B.	225 62
Coates' Mills	N.B.	94 16
Coburn	N.B.	413 00
Cocagne Cape	N.B.	73 00
Covagne Cove	N.B.	52 00
Cocagne River	N.B.	25 00
Cochin	Sask.	105 65
Cochrans' Lake	N.S.	10 00
Coddle's Harbour	N.S.	48 10
Codette	Sask.	105 15
Coffee	P.Q.	173 50
Coffinscroft	N.S.	57 00
Cogmagun River	N.S.	34 51
Colbert	P.Q.	13 26
Colcleugh	Man.	15 40
Coldbrook	N.B.	61 00
Cold Lake	Alberta	147 51
Cold Springs	Man.	26 50
Coldstream	N.S.	19 75
Colebrook	Ont.	361 65
Cole Harbour	N.S.	242 83
Cole Lake	Ont.	173 68
Coleman Corner	N.B.	7 60
Coleraine Station	P.Q.	433 00
Colin	N.B.	43 50
College Bridge	N.B.	418 30
College Grant	N.S.	12 50
Collegeville	N.S.	39 50
Collette	N.B.	138 65
Collette Village	N.B.	55 00
Colleymount	B.C.	49 98
Collfield	P.Q.	54 00
Collins	Sask.	200 25
Collin's Inlet	Ont.	394 01
Collhome	Alberta	94 75
Colmer	Sask.	40 32
Colne Valley (opened 1-6-17) (closed 1-12-17)	P.Q.	8 87
Colomb	P.Q.	47 43
Colpton	N.S.	76 85
Colquitz	B.C.	492 50
Colryan (closed 1-5-17)	Sask.	4 00
Coltern (opened 1-10-17)	B.C.	162 25
Columbia Gardens	B.C.	190 10
Columbine	Alberta	22 50
Colwell	Ont.	50 95
Comeau Ridge	N.B.	24 00
Comeau's Hill	N.S.	43 70
Comeauville	N.S.	218 89
Comet	Alberta	109 32
Commanda	Ont.	245 12
Compton Station	P.Q.	228 70
Comrey	Alberta	47 00
Concession	N.S.	278 95
Concord	Ont.	173 95
Condie	Sask.	286 71
Condon Settlement	N.S.	36 00
Condor	Alberta	300 25
Conflict	Sask.	43 60
Congress (opened 1-1-18)	Sask.	74 50
Conjuring Creek	Alberta	62 04
Conmee (closed 1-2-18)	Ont.	28 50
Connell Corners (opened 1-3-18)	Sask.	12 00
Connolly	Alberta	22 00
Connor	N.B.	252 90
Connor Creek	Alberta	43 63
Connorsville	Alberta	95 00
Conn's Mills	N.S.	89 65
Conquerall-Mills	N.S.	93 50
Conway Station	P.E.I.	420 50
Cooking Lake	Alberta	200 75
Cook's Brook	N.S.	101 45
Cook's Cove	N.S.	82 00

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.	Name of Post Office.	Province.	Revenue.
		$ cts.			$ cts.
Cook's Creek	Man.	216 45	Craigleith	Ont.	60 00
Cookville	N.B.	40 20	Craig's Crossing	B.C.	100 50
Cookville	Alberta	61 06	Craig's Road Station	P.Q.	144 50
Cooper	Ont.	235 20	Cramersburg	Sask.	190 20
Cooper's Falls	Ont.	122 87	Cranberry	P.Q.	43 74
Copeland	Sask.	25 10	Cranbourne	P.Q.	36 31
Copley	Man.	22 00	Crandall Road	N.S.	30 00
Copp	Ont.	37 25	Crane Valley	Sask.	58 52
Copper Lake	N.S.	50 90	Cranton Section	N.S.	122 00
Copper River	B.C.	78 20	Crapaud	P.E.I.	582 93
Copper Head (summer office)	Ont.		Crawfordville	P.Q.	22 20
Coppice Hill	Alberta	39 35	Cravath Corners	Alberta	112 25
Corbeil	Ont.	175 11	Credit Forks	Ont.	170 00
Corberrie	N.S.	94 07	Crediton East (closed 18-7-17)	Ont.	29 50
Corcoran	P.Q.	43 00	Creeford	Man.	23 00
Corey	N.B.	28 50	Creekfield (closed 31-10-17)	Sask.	22 92
Coriander	Sask.	82 70	Creek Road	N.B.	19 00
Cork	Alberta	33 00	Creemorne	P.Q.	51 91
Corkery	Ont.	96 40	Creignish Rear	N.S.	14 00
Cork Station	N.B.	108 32	Creigeish Station	N.S.	71 05
Corleigh	Sask.	20 00	Creighton Valley (closed 1-6-17)	B.C.	7 00
Cormac	Ont.	55 00	Cremona	Alberta	306 35
Cormier's Cove	N.B.	20 00	Crescent	Man.	29 68
Cormier Village	N.B.	45 10	Crescent Beach	N.S.	83 00
Cormierville	N.B.	112 50	Crescent Hill	Sask.	42 00
Corner of the Beach	P.Q.	347 79	Crescent Lake	Sask.	67 50
Cornfelt	Sask.	57 35	Cresthill (summer office, opened 1-7-17)	P.Q.	10 00
Cornucopia	Alberta	199 45	Crestwynd	Sask.	256 30
Cornwall	P.E.I.	276 55	Crinan	Ont.	76 90
Cornwall Island	Ont.	14 50	Crippsdale	Alberta	27 25
Coronation	N.B.	48 00	Criss Creek	B.C.	111 02
Cortereal	P.Q.	84 00	Crockett	N.B.	57 20
Costello	Ont.	63 25	Croft	N.S.	7 00
Cosmo	Alberta	80 37	Cromarty	Ont.	392 70
Cossetteville	P.Q.	80 00	Crombie Settlement	N.B.	50 95
Costigan (closed 1-11-17)	N.B.	24 10	Cromwell	Man.	9 00
Coteau	Sask.	31 20	Cross	Sask.	84 10
Coteau Road	N.B.	30 00	Crosshill	Ont.	137 55
Coté's Mills	P.Q.	7 00	Cross Lake (closed 16-2-18)	Ont.	15 00
Côte Ste-Anne	N.B.	17 00	Crossland	Ont.	174 23
Côte D'Or (opened 1-7-17)	N.B.	30 28	Crossman	N.B.	33 30
Côte St. Léonard	P.Q.	10 00	Crosspoint	P.Q.	43 00
Côte St. Michel	P.Q.		Cross Roads, Mid-Meldford	N.S.	99 39
Côte S. Pierre	P.Q.	54 65	Cross Roads, Ohio	N.S.	84 05
Côte St. Vincent	P.Q.	16 00	Crosswoods	Sask.	52 25
Cotham	Sask.	33 00	Crosthwaite	Sask.	137 76
Cottage Inn (summer office)	Ont.	150 00	Crouse Town	N.S.	73 20
Cottonwood	Sask.	67 15	Crowel	N.S.	401 70
Cottonwood	B.C.	138 20	Crowes Landing (summer office)	Ont.	55 00
Coughlan	N.B.	113 36	Crowfoot	Alberta	121 75
Coulee	Sask.	69 00	Crow Lake	Ont.	161 50
Coulee View (closed 31-12-17)	Sask.		Crow's Nest	N.S.	8 00
Coulombe	P.Q.	122 75	Crowtherview	Sask.	34 50
Coulson	Ont.	216 13	Croydon	Ont.	151 47
Coultervale	Man.	60 70	Croydon Station (opened 1-7-17)	B.C.	158 78
County Line	B.C.	204 12	Crozier	Ont.	146 85
Country Harbour Mines	N.S.	86 64	Crystal Hill	Sask.	58 00
Courcelette (opened 1-5-17)	P.Q.	32 50	Crystal Springs	Sask.	114 25
Court	Sask.	146 00	Cuffley	Sask.	39 95
Courval	Sask.	249 65	Culdaff	P.Q.	60 25
Courtice	Ont.	271 14	Cullen (closed 27-8-17, reopened 1-1-18)	Sask.	116 50
Cousineau	P.Q.	62 02	Cullen's Brook	P.Q.	87 75
Cousins	Alberta	24 60	Culligan	N.B.	305 94
Couttsville	Ont.	39 56	Culloden	Ont.	268 97
Couturval	P.Q.	39 00	Culloden	N.S.	93 60
Covedell	N.B.	120 03	Cullyton	Sask.	46 00
Coverdale	N.B.	57 25	Culross	Man.	301 00
Cove Road	N.S.	110 45	Cumberland House	Sask.	81 00
Covington	Sask.	27 00	Cumberland Mills	P.Q.	66 40
Cowan	Man.	143 10	Cumberland Point	N.B.	34 25
Cowan Creek	N.B.	16 00	Cummings	Alberta	118 40
Cow Bay	N.S.	38 80	Cummings' Cove	N.B.	43 25
Cowdery	Man.	34 59	Cumming's Mountain	N.S.	10 00
Cowichan Bay	B.C.	194 30	Cundles	Ont.	64 25
Cowichan Lake	B.C.	264 52	Cupid	N.B.	179 30
Coxby	Sask.	55 00	Curlew	Alberta	128 24
Coxheath	N.S.	150 00	Currieburg	N.B.	43 00
Coxvale	Ont.	41 75	Currie's Crossing	Ont.	344 70
Coyote Valley	Alberta	40 25	Curryville	N.B.	116 48
Crabtree Mills	P.Q.	223 11	Curve Lake	Ont.	75 00
Cracroft	B.C.	105 25	Curventon	N.B.	50 61
Craigie	Sask.	48 00	Custeau	P.Q.	33 00
Craigie Lea	Ont.	198 60	Cymric	Sask.	215 85
Craiglands	Sask.	120 00	Cypress	Sask.	36 00
Craigmillar	Alberta	34 00	Cyr	P.Q.	58 95

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Cyrene	N.B.	45 15
Dacotah	Man.	130 41
Dahinda	Sask.	160 65
Dahlby	Sask.	128 30
Dahlton	Sask.	283 65
D'Aiguillon	P.Q.	65 62
Daisy Lake	B.C.	50 34
Dale	N.S.	83 35
Dalen Lake	N.S.	11 06
Dalesboro	Sask.	38 00
Daleview	Sask.	35 00
Dalhousie East	N.S.	94 00
Dalhousie Junction	N.B.	228 12
Dalhousie Lake	Ont.	83 20
Dalhousie Lake	N.S.	19 00
Dalhousie Mills	Ont.	127 40
Dalhousie Road	N.S.	127 25
Dalhousie Settlement (closed 1-3-18)	N.S.	15 00
Dalhousie West	N.S.	99 29
Dallas	Man.	72 74
Dalmuir	Alberta	28 80
Daly	Man.	12 50
D'Amade	P.Q.	12 00
Damascus	Ont.	230 55
Damascus	N.B.	14 00
Danby	P.Q.	171 70
Danbury	Sask.	27 50
Dane	Ont.	326 50
Danesville	N.S.	20 57
Danford Lake	P.Q.	391 50
Danforth	Ont.	20 30
Danvers	N.S.	72 70
Danvers (closed 1-2-18)	Man.	82 00
Darcy (closed 31-5-17)	B.C.	14 23
Darling Lake	N.S.	118 15
Darling Road	Ont.	176 40
Darlington Station	Ont.	50 55
D'Artagnan	P.Q.	58 03
Dartigny	P.Q.	25 00
Darveau (closed 13-6-17)	P.Q.	6 00
Darwell	Alberta	104 50
Dauntless (closed 1-12-17)	Alberta	42 21
Davidson Corners	P.Q.	16 06
Davidson Hill	P.Q.	29 50
Davis Point	Man.	87 25
Davison Street	N.S.	15 00
Davyroyd	Sask.	54 00
Dawn Mills	Ont.	84 15
Dawsonville	N.B.	11 00
Daylesford	Sask.	19 50
Day's Corner	N.B.	34 00
Dayspring	N.S.	338 13
Dayton	Ont.	158 95
Dayton	N.S.	191 45
Dead Letter Office	B.C.	
Deacon	Ont.	41 00
Dead Creek	Ont.	149 00
Dead Moose Lake	Sask.	115 00
Deadwood	B.C.	35 00
Dean	N.S.	235 80
Dearlock	Ont.	45 00
Deaver	Alberta	5 00
Debay Cove	N.S.	69 00
Deckerville	Sask.	56 00
Decker	Man.	535 77
Deemerton	Ont.	102 50
Deep Cove	N.S.	18 50
Deep Cove Island	N.S.	106 00
Deepdale	N.S.	34 00
Deer Horn	Man.	181 54
Deering	Alberta	65 25
Deer Lodge	Sask.	48 97
Deer Mound	Alberta	72 00
Deer Park	B.C.	192 34
Deerview	Sask.	84 55
Deerwood	Man.	53 35
Dee Side	P.Q.	38 77
Dee Valley	Sask.	24 50
DeGrassi Point (summer office)	Ont.	149 00
Delacour	Alberta	170 77
Delagrave	P.Q.	247 00
DeLanaudière (closed 15-5-17)	P.Q.	4 01
Delano	Alberta	79 00
Delap's Cove	N.S.	63 70
DeLesseps	P.Q.	52 66
Dellwood	Sask.	10 00
Delph	Alberta	89 64
Delta Station (summer office)	Man.	91 00
Del Bonita	Alberta	279 60
Del Val	P.Q.	32 25
Demaine	Sask.	93 50
Demuth (opened 1-6-17)	B.C.	85 20
Denhart	Alberta	198 25
Deniau	P.Q.	386 47
Dennison Station	B.C.	94 00
Dennistown	N.S.	20 00
Denonville, W. O.	P.Q.	
Densmore's Mills	N.S.	93 40
Denver	N.S.	21 10
Departure Bay	B.C.	197 50
Depew	Sask.	28 50
Despres Road	N.B.	12 00
Dequen, Nord	P.Q.	190 43
Derby	N.B.	151 50
Derby Junction	N.B.	119 39
Dermid	Ont.	50 00
Derrick (closed 1-12-17)	Sask.	31 00
Derryville	Ont.	259 00
Derry	Man.	15 00
De St. Just	P.Q.	162 00
Deschambault Station	P.Q.	42 60
Deschênes Mills	P.Q.	123 23
Desjarlais	Alberta	90 20
Desormeaux	P.Q.	54 70
Dessaint	P.Q.	110 55
Detlor	Ont.	485 50
Devault	P.Q.	44 08
Deveron	Sask.	120 00
Devereaux	N.B.	17 00
Deville	Alberta	101 01
Devils Lake	Sask.	10 02
Devils Island	N.S.	19 00
Devon	N.S.	19 25
Dewdrop	Sask.	15 00
Dewey	B.C.	85 83
DeWet	Man.	80 90
Dexter	Ont.	107 45
Diamond	N.S.	30 00
Dickson	Alberta	232 67
Diebolt	Sask.	62 95
Dijon (opened 11-9-17)	P.Q.	83 00
Diligence	Alberta	73 00
Diligent River	N.S.	478 44
Dillon Port	Ont.	37 64
Dill Siding	Ont.	26 25
Dimmock	Sask.	44 50
Dimock Creek	P.Q.	142 00
Dina	Alberta	131 55
Dingwall	N.S.	63 25
Dinorwic	Ont.	247 35
Dinton	Alberta	129 50
Dipper Harbour	N.B.	20 30
Dipper Harbour West	N.B.	135 75
Dirt Hills	Sask.	86 50
Ditton Park	Sask.	68 00
Divide	Sask.	148 10
Divide	N.B.	24 00
Dixon	N.B.	50 50
Dixon's Corners	Ont.	168 00
Dneiper	Man.	104 00
Dnipro	Alberta	18 50
Dobson's Corner	N.B.	52 20
Dobrowody	Sask.	20 63
Dock	P.Q.	17 08
Doctor's Brook	N.S.	30 50
Doctor's Cove	N.S.	148 15
Dodd Lake	P.Q.	61 65
Doe Lake	Ont.	86 84
Dog Creek	B.C.	132 75
Dog Creek	Man.	188 75
Dogherty	N.B.	12 00
Dog Pound	Alberta	302 40
Doheny	P.Q.	16 50
Doley	Alberta	175 25
Dolly Bay	Man.	62 25
Dome Creek	B.C.	468 00
Dominion (closed 1-8-17)	Yukon	2 70

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Donahue	Ont.	37 25
Donaldson	Ont.	49 50
Donatville	Alberta	97 20
Dongola	Ont.	31 00
Donjean	Sask.	33 50
Donnybrook	N.S.	9 00
Donwell	Sask.	205 00
Dorchester Crossing	N.B.	85 75
Doriston (late Shaw Cove (1-3-18)	B.C.	24 50
Dorcil	P.Q.	300 00
Dorland	Ont.	193 68
Dorothy	Alberta	85 50
Dorr	B.C.	40 40
Dorrell (closed 1-6-17)	Sask.	
Dort's Cove	N.S.	34 80
Dot	B.C.	161 57
Douce	P.Q.	224 96
Doucettville	N.S.	45 60
Douglasfield	N.B.	35 00
Douglas Harbour	N.B.	126 50
Douglas Lake	B.C.	108 20
Douglas Road (closed 1-1-18)	N.S.	21 00
Douglaston	Sask.	76 12
Douglas West	P.Q.	76 65
Douro	Ont.	203 75
Dover	N.B.	61 04
Dover Centre	Ont.	259 20
Dovercourt	Alberta	117 00
Dover West	N.S.	94 78
Dowling Lake	Alberta	137 20
Downing	Alberta	74 65
Doyle	P.Q.	20 00
Doyles Brook	N.B.	15 00
Doyle Settlement	N.B.	15 00
Dreamwold	Sask.	91 50
Drifting River	Man.	40 00
Drew Station	Ont.	191 25
Driftwood	Ont.	51 81
Driscol Lake	Sask.	25 00
Driver	Sask.	385 05
Drobot	Sask.	33 25
Drolet	P.Q.	27 00
Dropmore	Man.	571 50
Drumboy	Sask.	31 00
Drouin	P.Q.	17 00
Droxford	Sask.	195 55
Drumhead	N.S.	201 00
Drummondville	N.S.	71 70
Dry Fork	Alberta	77 65
Dry River	Man.	147 48
Duagh	Alberta	51 00
Dubail	P.Q.	31 70
Dublin Shore	N.S.	189 75
Duck Cove (summer office)	N.B.	103 00
Duck Range	B.C.	37 65
Duck Mountain	Man.	41 37
Dudley	Ont.	91 50
Dudswell Junction	P.Q.	119 20
Dufaultville	P.Q.	40 09
Dufferin	N.B.	10 05
Dufferin Mines	N.S.	20 00
Dufour	P.Q.	32 51
Dufourville	N.B.	22 00
Dufresne	Man.	45 50
(a) Dufrost (closed 15-7-17)	Man.	85 30
Dufton	Sask.	61 80
Dugald	Man.	495 20
Dugas	N.B.	35 00
Duguayville	N.B.	21 70
Duhamel	P.Q.	107 50
Duke	Sask.	48 50
Dumbarton Station	N.B.	65 20
Dumblane	Ont.	55 70
Dumoine	P.Q.	11 00
Dunakeym	N.S.	40 75
Dunallen	Man.	70 00
Dunany	P.Q.	62 99
Dunbar Heights	B.C.	243 00
Dunboyne	Ont.	467 76
Duncan	N.S.	103 00
Duncan Cove	N.S.	35 20
Dundas	N.B.	43 70
Dundee	N.B.	16 00
Dundee	Man.	72 63
Dundee	N.S.	26 50
Dundonald	Ont.	178 15
Dunedin	Ont.	130 95
Dunelm	Sask.	238 47
Dungloe (closed 2-2-18)	Sask.	16 50
Dunkin	P.Q.	91 95
Dunleath	Sask.	10 00
Dunleath Station (opened 1-6-17)	Sask.	122 50
Dunlop	N.B.	58 80
Dunmaglass	N.S.	6 00
Dunmore	N.S.	8 00
Dunn	Alberta	278 47
Dunnet	Ont.	62 13
Dunn's Valley	Ont.	121 25
Dunraven	P.Q.	227 26
Dunster	B.C.	205 48
Dunvegan	Alberta	67 70
Dunvegan	N.S.	115 60
Dupey's Corner	N.B.	150 00
Duplin	P.Q.	28 70
Dupuy	P.Q.	321 60
Durieu	B.C.	64 70
Dutch Brook	N.S.	27 00
Dutch Settlement	N.S.	49 70
Duvic summer office (opened 1-7-17)	P.Q.	
Dwyer Hill	Ont.	39 75
Dyer's Bay	Ont.	191 53
Dyment	Ont.	79 40
Dynevor	Man.	35 95
Eagle Bay	B.C.	40 10
Eagle Butte	Alberta	131 43
Eagle Head	N.S.	105 00
Eagle Hill	Alberta	182 22
Eagle Point	Sask.	20 50
Eakindale	Sask.	18 00
Earl	Sask.	21 50
Earlie	Alberta	96 60
Earlswood	Sask.	28 80
Earlstone	Alberta	123 65
Earlville	Alberta	35 00
East Advocate	N.S.	99 72
East Aldfield	P.Q.	89 91
East Arlington	N.S.	25 52
East Arrow Park	B.C.	167 00
East Baccaro	N.S.	34 00
East Bathurst	N.B.	422 70
East Bay	Man.	181 00
East Bay	N.S.	105 20
East Bay, north side	N.S.	35 20
East Bella Bella	B.C.	173 70
East Bideford	P.E.I.	54 50
Eastbourne (summer office)	Ont.	20 00
East Branch	P.Q.	30 00
East Branch River John	N.S.	22 00
East Brenton	N.S.	28 95
East Brighton	N.B.	41 25
Eastbrook	Sask.	68 75
East Brookville	N.S.	42 50
Eastburg	Alberta	114 55
East Centreville	N.B.	65 00
East Chebogue	N.S.	48 00
East Chezzetcook	N.S.	213 00
East Clifford	N.S.	36 50
East Collette	N.B.	78 22
East Dover	N.S.	115 55
East Earltown	N.S.	71 20
Eastern Passage	N.S.	176 10
Eastern Points	N.S.	76 20
East Ferry	N.S.	84 29
East Folly Mountain	N.S.	45 20
East Fraserville	N.S.	50 00
East Galloway	N.B.	22 00
Eastgate	Alberta	47 90
East Glassville	N.B.	50 92
East Hall's Harbour Road	N.S.	56 95
East Hungerford	Ont.	14 00
East Jeddore	N.S.	225 30
East Kelowna	B.C.	127 10
Eastlake	N.S.	4 00
East Leicester	N.S.	71 57

(a) Reopened 19-11-17.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
East Linton	Ont.	60 24
East Margaree	N.S.	197 50
East Mines Station	N.S.	179 38
East New Annan	N.S.	53 60
Easton	N.S.	82 20
East Portapique	N.S.	44 00
East Quinan	N.S.	72 00
East Port Medway	N.S.	206 66
East River Point	N.S.	121 25
East River, St. Mary's	N.S.	152 30
East River, Sheet Harbour	N.S.	53 25
East Riverside	N.B.	39 50
East Rogerville	N.B.	72 00
East Roman Valley	N.S.	69 00
East Sable River	N.S.	83 75
East Side of Ragged Island	N.S.	97 07
East Side Port l'Hébert	N.S.	83 45
East Sooke	B.C.	49 70
East Southampton	N.S.	249 75
East Uniacke	N.S.	42 00
Eastville	N.S.	141 51
East Wabamun (summer office, opened 18-7-17)	Alberta	15 00
East Wallace (closed 1-11-17)	N.S.	12 00
East Walton	N.S.	41 25
East Waterville	N.B.	37 20
Eastway (closed 14-11-17)	Alberta	120 60
East Wentworth	N.S.	265 37
Eaton	P.Q.	270 90
Eatonville	N.S.	35 73
Ebbsfleet	P.E.I.	51 45
Ebenezer Valley	Sask.	70 00
Eberts	Ont.	486 35
Eboulements Centre	P.Q.	71 47
Eboulements East	P.Q.	54 25
Echohill	Alberta	34 63
Echo Lake	Ont.	62 65
Echo Vale	P.Q.	46 50
Economy Point	N.S.	124 15
Ecum Secum	N.S.	226 65
Ecum Secum Bridge	N.S.	217 60
Eddleston	Sask.	9 20
Eddy	Ont.	290 20
Eddyside	Sask.	57 10
Eden	Ont.	367 23
Eden Grove	Ont.	286 81
Edenbridge	Sask.	197 75
Edenkillie	Sask.	54 00
Eden Lake	N.S.	30 00
Eden Mills	Ont.	251 83
Eden Valley	Sask.	4 00
Edgar	Ont.	234 58
Edgell	Sask.	32 36
Edgett's Landing	N.B.	358 25
Edgewater	B.C.	104 00
Edillen (opened 1-6-17)	Man.	80 58
Edina	P.Q.	34 00
Edmondville (closed 26-10-17)	P.Q.	68 30
Edmonton Sub-Office No. 5	Alberta	*a*
Edmonton Sub-Office No. 6	Alberta	*a*
Edmonton Sub-Office No. 7	Alberta	*a*
Edmonton Sub-Office No. 8	Alberta	*a*
Edmore	Sask.	68 00
Edmund (opened 15-10-17)	Sask.	33 32
Edward	Alberta	221 76
Edwards Point (closed 1-3-18)	Man.	52 25
Edwardsville	N.S.	19 00
Edwell	Alberta	165 14
Edwin	Man.	194 30
Edy's Mills	Ont.	155 40
Eel Cove	N.S.	25 00
Eel River Bridge	N.B.	136 40
Egg Island	P.Q.	12 00
Eglise St. Pierre les Becquets	P.Q.	93 04
Egmondville	Ont.	255 00
Egmont (opened 1-6-17)	B.C.	108 52
Egmont Bay (closed 7-4-17)	P.E.I.	
Egremont	Alberta	40 11
Eigenheim	Sask.	5 25
Eight Island Lake	N.S.	61 50
Eildon	Sask.	18 00
Elardee	Sask.	23 00
Elbourne	Sask.	26 00
Elbridge	Alberta	43 30
Elcan	Alberta	240 05
Elder's Mills	Ont.	103 07
Eldon Mines (opened 1-5-17, closed 16-11-17)	Alberta	15 11
Eldon Station	Ont.	228 80
Eldorena	Alberta	30 50
Electric	Ont.	187 00
Elgin House (summer office)	Ont.	475 00
Elgin Mills	Ont.	196 25
Elgin Road	P.Q.	106 40
Elimville	Ont.	155 93
Elizabeth Bay	Ont.	52 84
Elkdale	Man.	70 00
Elk Prairie	B.C.	20 00
Elk Ranch	Man.	73 10
Elkton	Alberta	127 26
Elkwater	Alberta	153 50
Ellaton	Ont.	43 00
Ellerslie Station	P.E.I.	454 00
Ellesmere (closed 1-12-17)	Ont.	48 30
Elliott's Corners	Ont.	26 00
Ellis	Ont.	137 10
Ellisboro'	Sask.	252 50
Ellison	B.C.	110 25
Ellwood	Ont.	72 50
Elma	Ont.	180 50
Elmartha	Sask.	28 00
Elm Brook	Ont.	62 51
Elmcroft	N.B.	29 00
Elm Grove	Man.	49 10
Elm Hill	N.B.	39 55
Elmhurst	N.B.	50 00
Elmont	Sask.	16 25
Elmsdale	P.E.I.	465 05
Elmside	P.Q.	128 00
Elm Springs	Sask.	117 26
Elmstead	Ont.	112 85
Elmvale	N.S.	153 53
Elmsville	N.B.	214 00
Elm Tree	Ont.	132 25
Elm Valley	N.B.	14 00
Elsie	Ont.	58 03
Elswick	Sask.	90 00
Elton	Man.	41 50
Elysée	P.Q.	44 80
Elzevir	Ont.	59 15
Emberson	Ont.	18 50
Emerald	Ont.	221 51
Emerald	N.S.	14 00
Emerson	N.B.	91 16
Emesville	Man.	34 00
Emileville	P.Q.	176 00
Endiang	Alberta	279 25
English	Ont.	181 95
English Corner	N.S.	105 74
Enid	Sask.	31 65
Emilda	Alberta	99 16
Ennishore	N.B.	65 00
Enniskillen Station	N.B.	269 25
Enon	N.S.	26 00
Ensleigh	Alberta	242 80
Entrelac (summer office)	P.Q.	173 50
Entry Island	P.Q.	25 00
Epping	Ont.	74 20
Equity	Sask.	10 00
Eramosa	Ont.	250 25
Erie Beach (summer office)	Ont.	188 00
Erin Lodge (opened 20-8-17)	Alberta	25 00
Ermine	Sask.	141 80
Ernsted (closed 22-12-17)	Alberta	47 20
Errington	B.C.	232 27
Escuminac	N.B.	64 00
Escuminac Flats	P.Q.	95 91
Escuminac Nord	P.Q.	78 00
Eskasoni	N.S.	41 50
Eskasoni Chapel	N.S.	18 00
Eskbank	Sask.	380 00
Esmonde (closed 15-5-17)	Ont.	2 00
Espérance	Sask.	29 00
Esquesing	Ont.	30 00

a For Revenue *see* under Edmonton Sub-Offices..

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Essex	N.S.	15 00
Essondale	B.C.	643 50
Essonville	Ont.	40 61
Estcourt	P.Q.	442 87
Esther	Alberta	42 20
Estmere	N.S.	103 25
Etang des Caps	P.Q.	12 50
Ethelton	Sask.	131 50
Ethelwyn	Alberta	72 95
Ethmuir	Sask.	33 70
Etna	N.S.	22 95
Etobicoke	Ont.	54 73
Ettrick	Ont.	232 35
Ettyville	Ont.	35 00
Etwell	Ont.	117 05
Eustis	P.Q.	472 75
Eva	Alberta	43 50
Evandale	N.B.	169 00
Evangeline	N.B.	16 00
Evans	N.B.	52 00
Evanston	N.S.	44 00
Evansville	Ont.	95 41
Everard	Ont.	216 60
Everett	N.B.	100 40
Evergreen	Alberta	101 92
Eversley	Ont.	252 50
Ewan	Ont.	37 20
Ewelme	Alberta	25 00
Ewing	Alberta	27 05
Ewings Landing	B.C.	277 50
Excelsior	Alberta	16 00
Excelsior	Ont.	102 95
Exmoor	N.B.	24 00
Eye Hill	Alberta	58 73
Eyre	Sask.	28 90
Fabyan (opened 1-5-17)	Alberta	140 90
Fafard	P.Q.	19 85
Fairacres	Alberta	24 70
Fairdale	Sask.	14 10
Fairfield	N.B.	83 15
Fairford	Man.	419 83
Fairhall	Man.	7 50
Fairhaven	N.B.	126 50
Fairholme	Ont.	45 00
Fairlawn	Sask.	26 55
Fairmede	Sask.	128 95
Fairmont	N.S.	18 20
Fairmont Springs	B.C.	71 55
Fairmount	Ont.	89 73
Fair Vale	N.B.	507 00
Fairview Station	N.S.	366 59
Fairydell	Alberta	97 60
Fairy Glen	Sask.	82 20
Fairy Hill	Sask.	66 00
Faith	Alberta	141 90
Falardeau	Ont.	127 00
Falkenburg Station	Ont.	394 52
Falkland	N.S.	103 60
Falkland	B.C.	223 35
Fallbrook	Ont.	306 20
Fall River	Ont.	42 08
Falmouth	N.S.	187 70
False Bay (opened 1-6-17)	B.C.	87 75
Falun	Alberta	149 80
Fame Point	P.Q.	96 15
Fanford	Sask.	54 20
Fanny Bay	B.C.	166 50
Faraday	Ont.	40 70
Fareham (opened 1-3-18)	Alberta	10 00
Farmingdale	Sask.	119 76
Farmington	N.S.	31 50
Farmville	N.S.	4 00
Farringdon Hill	Ont.	*a*
Farrington	Ont.	29 46
Fartown	Sask.	33 90
Faucher	P.Q.	48 54
Faulkner (opened 17-9-17)	Man.	74 24
Fauvel	P.Q.	110 25
Fauxborough	N.S.	12 00
Fawcett	Alberta	201 22
Fawcett Hill	N.B.	41 00
Fawn	B.C.	47 20
Fawn Lake	Alberta	120 75
Fedorah	Alberta	96 90
Feener's Corner	N.S.	26 08
Felton	Ont.	81 80
Feltz South	N.S.	78 00
Fenaghvale	Ont.	62 70
Fenn	Alberta	128 26
Fenner	Alberta	84 44
Fenton	Sask.	176 00
Fenwick	N.B.	36 90
Ferguson's Falls	Ont.	15 00
Ferguson Manor	N.B.	179 44
Ferguson's Lake	N.S.	26 00
Ferguson Flats	Alberta	102 60
Fergusonvale	Ont.	63 00
Ferland	Sask.	98 30
Ferme Rouge	P.Q.	47 32
Fernmount	N.B.	51 24
Fern Creek	Alberta	36 25
Ferndale	N.B.	7 00
Ferndale House	Ont.	16 00
Fern Glen	Ont.	92 45
Fernlee	Ont.	68 00
Fernleigh	Ont.	98 59
Fermoy	Ont.	124 06
Feronia	Ont.	192 54
Ferrybank	Alberta	45 27
Ferry Point	Alberta	124 52
Ferry Road	N.B.	136 00
Fertile	Sask.	213 18
Fertility	Alberta	69 75
Fetherston	Ont.	65 00
Feuille d'Erable	P.Q.	190 45
Fielding	N.B.	67 43
Fieldville	P.Q.	118 85
Fife	B.C.	259 00
Fife Lake	Sask.	92 40
Findlay	Man.	313 46
Finland	Ont.	64 00
Finlay Forks	B.C.	10 00
Finlayson	N.S.	15 00
Finmark	Ont.	115 00
Fir Grove	N.B.	8 00
Fir Grove	P.Q.	62 85
Fir Mountain	Sask.	22 20
Fir Ridge	Sask.	33 00
First South	N.S.	92 66
Fiset (opened 1-12-17)	P.Q.	24 12
Fish Creek	Sask.	38 10
Fisher Mill	N.S.	37 50
Fisherman Bay	B.C.	94 00
Fisherman's Harbour	N.S.	75 74
Fisher Home	Alberta	27 20
Fisher Branch	Man.	746 28
Fisher River	Man.	131 50
Fisherton	Man.	129 90
Fishing Lake	Sask.	71 70
Fitsmaurice	Sask.	81 63
Fitzpatrick	P.Q.	120 50
Five Fingers	N.B.	276 39
Five Mile River	N.S.	157 25
Flagstaff	Alberta	148 00
Flamand	P.Q.	167 08
Flamboro Centre	Ont.	690 95
Flanders	Ont.	
Flatbush (closed 8-4-17)	Alberta	10 50
Flat Creek	Alberta	181 45
Flat Lake	Alberta	213 00
Flatlands	N.B.	32 55
Flee Island	Man.	91 00
Flett's Springs	Sask.	58 20
Flet wode	Sask.	74 50
Fleurant	P.Q.	185 30
Fleury	P.Q.	374 28
Flint	Ont.	60 70
Flodden	P.Q.	72 65
Flood	B.C.	205 75
Floral	Sask.	62 77
Florann	Alberta	8 00
Florze (closed 1-1-18)	Man.	9 00
Flowers' Cove (closed 20-6-17)	N.B.	

a For Revenue see under Brantford Sub-Office.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue. $ cts.
Flower Station	Ont.	344 96
Flowing Well	Sask.	76 05
Flynn	P.Q.	35 00
Foley	Man.	69 77
Foley Brook	N.B.	57 00
Folkins	N.B.	85 00
Folly Lake	N.S.	243 46
Folly Mountain	N.S.	36 10
Fonderie	P.Q.	35 07
Fontarabie	P.Q.	107 73
Fontenelle	P.Q.	240 55
Forbes	N.S.	5 00
Forbes Point	N.S.	165 50
Forbesville	Alberta	15 50
Forcina	Alberta	32 50
Ford	Sask.	27 25
Ford Bank (opened 1-8-17)	N.B.	57 78
Ford's Mills	N.B.	201 01
Foreman	Alberta	87 26
Forest Bank	Sask.	85 72
Forest City	N.B.	54 20
Forester	Sask.	218 85
Forest Farm	Sask.	37 20
Forest Glen	N.S.	21 00
Forest Grove (opened 1-8-17)	B.C.	116 58
Forest Hall	Sask.	53 75
Forest Hill (closed 1-1-18)	N.S.	5 00
Forest Hill	N.B.	46 65
Forest Home	N.S.	36 00
Forest Lawn	Alberta	215 02
Forest Nook (summer office)	Ont.	400 00
Foreston	N.B.	181 24
Forestville	Ont.	33 50
Forfar	Ont.	235 10
Fork Lake	Alberta	29 00
Forks	N.B.	6 00
Forks Baddeck	N.S.	67 70
Fort à la Corne	Sask.	82 05
Fort Alexander	Man.	169 29
Fort Assiniboine	Alberta	141 50
Fort Augustus	P.E.I.	64 30
Fort Chipewyan	Alberta	105 20
Forteseue	Ont.	37 50
Fortier	Man.	403 73
Fort Fitzgerald	Alberta	51 70
Fort Lawrence	N.S.	123 75
Fort Louisburg	N.S.	26 63
Fort Pelly	Sask.	41 00
Fort Providence	Alberta	57 70
Fort Resolution	Alberta	47 64
Fort St. James	B.C.	206 76
Fort St. John	B.C.	149 83
Fort Simpson	Alberta	50 00
Fort Smith	Alberta	92 70
Fort Vermilion	Alberta	133 25
Fort William	P.Q.	163 05
Forty Mile	Yukon	60 00
Fossambault	P.Q.	18 00
Fosston	Sask.	105 95
Fosterville	N.B.	150 21
Fourchu	N.S.	188 10
Fournierville	Sask.	69 00
Four Falls	N.B.	236 30
Four Roads	N.B.	31 84
Fourteen Island Lake (summer office)	P.Q.	122 50
Fourteen Mile House	N.S.	45 17
Fowler's Corners	Ont.	149 31
Fox	Alberta	64 25
Fox Creek	N.B.	336 50
Foxdale	Sask.	34 00
Foxey	Ont.	68 60
Fox Harbour	N.S.	53 40
Fox Harbour Point	N.S.	47 00
Fox Ialsnd Main	N.S.	23 00
Foxmead	Ont.	344 90
Fox Hills	Sask.	32 50
Fox Point	N.S.	109 85
Fox River	N.S.	398 07
Fox Valley	Sask.	308 50
Foymont	Ont.	47 20
Fradetville	P.Q.	31 00
Framboise	N.S.	101 45
Framboise Intervale	N.S.	34 40
Framnes	Man.	65 29
Frankburg	Alberta	84 55
Frankslake	Sask.	66 02
Franktown	Ont.	465 85
Fraser Arm	B.C.	80 00
Fraserburg	Ont.	56 17
Fraser's Mills	N.S.	29 00
Fraser's Point (summer season)	P.Q.	48 00
Fraserton	Alberta	272 02
Fraxville	N.S.	22 05
Frechette	P.Q.	7 00
Frederickhouse	Ont.	98 00
Fredericton Road	N.B.	52 70
Freedale	Man.	212 90
Free Grant	N.B.	31 15
Freeman River	Alberta	14 00
Fremington	Sask.	28 50
Freemont	Sask.	41 00
French Bay	Ont.	11 00
French Cove	N.S.	45 95
French Hill	Ont.	76 00
French Lake	N.B.	75 15
French River	N.S.	64 00
French River	P.E.I.	356 65
French Road	N.S.	51 00
Frenchvale	N.S.	11 00
French Village	P.E.I.	104 45
French Village	N.B.	37 00
French Village	N.S.	119 25
Frenchville (late Filiatrault 1-10-17)	Sask.	92 27
Frenette	P.Q.	11 00
Freppel	P.Q.	20 00
Freshfield	Alberta	18 50
Freshwater	P.Q.	38 75
Friar's Head	N.S.	111 45
Fribourg	Alberta	24 00
Friedenstal	Alberta	98 75
Frog Lake	Alberta	180 92
Frogmore	Ont.	93 75
Frontenac	P.Q.	27 44
Frontier (opened 1-7-17)	Sask.	64 78
Frost Village	P.Q.	45 70
Fry's	Sask.	203 15
Fugereville	P.Q.	98 17
Fuda	Sask.	88 70
Fulton Brook	N.B.	31 00
Fundale	Sask.	57 75
Furman	Alberta	37 00
Furnace Falls	Ont.	49 70
Furness	Sask.	38 50
Fusilier	Sask.	783 34
Gabarouse Barachois	N.S.	470 00
Gabarous Lake	N.S.	87 00
Gabriola Island	B.C.	207 00
Gad's Hill Station	Ont.	365 50
Gagné	P.Q.	91 20
Gagnon	Ont.	96 10
Gahern	Alberta	102 00
Gairloch Mountain	N.S.	12 40
Galena	B.C.	249 06
Galarneauville	Alberta	66 00
Galesburg	Ont.	14 00
Galilee	Sask.	208 35
Gallagher	N.B.	45 00
Gallant Settlement	N.B.	19 00
Gallivan	Sask.	300 80
Gallocks	Sask.	31 90
Galloway	B.C.	151 20
Galston (closed 20-6-17)	Ont.	16 51
Galway	N.B.	49 70
Gambier	B.C.	355 00
Gameland	Ont.	40 25
Gananoque Junction	Ont.	5 00
Gang Ranch	B.C.	93 15
Cap View	Sask.	25 50
Garden Head	Sask.	28 47
Garden Hill	Ont.	222 11
Gardenia (closed 1-12-17)	Sask.	24 00
Garden Island	Ont.	37 50
Garden of Eden	N.S.	75 69
Garden Plain	Alberta	308 90
Gardiner Mines	N.S.	22 00
Gardner's Creek	N.B.	60 00
Gardner's Mills	N.S.	25 00
Garland	N.S.	34 56
Garland	Man.	343 54

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.	Name of Post Office.	Province.	Revenue.
		$ cts.			$ cts.
Garland Mountain	N.B.	9 00	Glaslyn	Sask.	72 75
Garneau Junction	P.Q.	267 34	Glassburn	N.S.	50 00
Garner Lake	Alberta	27 00	Glassford (closed 1-9-17)	Alberta	30 70
Garnet	N.B.	28 70	Glaude	N.B.	16 00
Garnier	P.Q.	20 50	Gleason Road	N.B.	101 00
Garonne	Sask.	90 00	Glebe Road	N.S.	8 00
Garrington	Alberta	70 95	Gledhow	Sask.	152 25
Garroz	P.Q.	57 25	Gleneda	P.Q.	233 82
Garry	N.S.	28 00	Glenada	Sask.	153 50
Garth (closed 1-5-17)	Alberta		Glen Adelaide	Sask.	38 10
Garthby West	P.Q.	17 50	Glen Alda	Ont.	73 75
Gaspé Bay, South	P.Q.	212 50	Glen Almond	P.Q.	121 30
Gaspereau	N.B.	70 70	Glen Alpine	N.S.	35 80
Gaspereau Station	N.B.	204 20	Glen Andrew	Ont.	143 51
Gaudette	P.Q.	133 00	Glenannan	Ont.	146 99
Gauthier	P.Q.	33 00	Glenarm	Ont.	262 20
Gauvin	P.Q.	21 50	Glen Banner (closed 1-3-18)	Alberta	68 20
Gawas	Ont.	135 90	Glen Bean (closed 26-9-17	P.Q.	53 25
Gaythorne	N.B.	37 04	Glenbervie	N.S.	141 40
Geary	N.B.	130 65	Glenbogie	Sask.	148 35
Gegoggin	N.S.	17 59	Glenboyle	Yukon	59 50
Gellatly	B.C.	98 12	Glenbrea	Sask.	59 50
Gem	Alberta	351 60	Glenburnie	Ont.	114 00
Gendron	P.Q.	17 00	Glenbush	Sask.	291 61
Genesse	Alberta	21 76	Glencairn	Man.	246 25
Genest	P.Q.	19 00	Glen Campbell	N.S.	10 00
Genthon	Man.	321 00	Glencoe	N.S.	15 20
Georgefield	N.S.	127 00	Glencoe	N.B.	40 25
George's River	N.S.	133 60	Glencoe Mills	N.S.	41 59
George's River Station	N.S.	39 00	Glencove	N.S.	4 00
Georgeville	N.S.	57 20	Glen Cross	Ont.	142 50
Georgina Island	Ont.	33 50	Glendale	N.S.	120 70
Gergovia	Sask.	68 00	Glendale	Man.	20 00
Gerin	P.Q.	107 00	Glendinning	Man.	52 20
Germania	Ont.	76 50	Glendon	Alberta	25 20
German Brook	N.B.	35 50	Glendower	Ont.	28 90
German Mills	Ont.	31 50	Glendyer	N.S.	57 25
Germantown	N.B.	37 00	Glen Elder	Sask.	60 00
Gerowville (closed 1-5-17)	Sask.		Glendyne	P.Q.	306 55
Gerrard Island	N.S.	32 00	Glenelg	N.S.	72 64
Gethsemani	P.Q.	33 00	Glenellen	Sask.	78 85
Geyser	Man.	107 95	Glen Elmo	Man.	78 25
Giant's Lake	N.S.	22 20	Glenemma	B.C.	79 40
Giasson	P.Q.	25 00	Glenevis	Alberta	233 08
Gibbon	N.B.	52 00	Glenfarne (summer office)	P.Q.	20 11
Gibbs	Sask.	273 00	Glenfield	Ont.	27 50
Gibson (closed 1-3-18)	Ont.		Glenford	Alberta	37 30
Gibson Heights	B.C.	101 44	Glen Forest	P.E.I.	23 00
Gifford	P.Q.	346 75	Glenforsa	Man.	16 00
Gifford Station	B.C.	168 65	Glengarden	Alberta	48 76
Gilbert	Alberta	89 31	Glengarry	N.S.	3 00
Gilbert Cove	N.S.	208 50	Glengarry Station	N.S.	264 45
Gilbert des Caps	P.Q.	12 00	Glengarry Valley	N.S.	23 00
Gilby	Alberta	210 25	Glenglow (closed 3-11-17)	Alberta	
Gilks	N.B.	157 72	Glen Haven	N.S.	158 83
Gillander's Mountain	N.S.	24 60	Glenhewitt	Alberta	33 50
Gillespie	Sask.	95 00	Glen Huron	Ont.	144 98
Gillies Bay	B.C.	38 00	Glenhurst (closed 1-3-18)	Sask.	30 45
Gillies Lake	N.S.	6 00	Gleniffer	Alberta	24 00
Gillies Point	N.S.	11 00	Glen Island (summer office)	Ont.	82 00
Gillies Point East	N.S.	25 00	Glenister	Alberta	49 70
Gillies Cove	N.S.	34 45	Glenkeen	N.S.	15 00
Gillisdale	N.S.	53 77	Glen Kerr	Sask.	29 00
Gillisville	N.S.	23 00	Glenlily	B.C.	41 32
Gilnokie	Sask.	5 00	Glenlivet	P.Q.	74 00
Gilt Edge	Alberta	24 50	Glenlivet	N.B.	60 00
Girard	P.Q.	71 00	Glen Leslie	Alberta	55 50
Girardville	P.Q.	30 05	Glen Major	Ont.	46 02
Gironde	P.Q.	217 07	Glen Margaret	N.S.	182 09
Girouardville	N.B.	50 00	Glen Mary	Sask.	47 60
Girouxville (opened 15-6-17)	Alberta	115 25	Glen Meyer	Ont.	252 96
Glacier Creek	Yukon	67 50	Glen McPherson	Sask.	68 50
Gladmar	Sask.	285 50	Glen Morrison	N.S.	20 00
Gladstone	N.B.	27 50	Glenmount (summer office)	Ont.	262 00
Gladwin	Sask.	80 70	Glenora	N.S.	22 25
Gladwyn	N.B.	41 50	Glenora Falls	N.S.	13 00
Gladys	Alberta	248 70	Glen Orchard	Ont.	114 60
(*a*) Glamorgan	Ont.	22 00	Glen Porter (closed 1-7-17)	N.B.	
Glanford Station	Ont.	430 00	Glen Rae	Ont.	133 35
Glanmire	Ont.	49 74	Glenreagh	Alberta	124 96
Glasgow	N.S.	24 50	Glen Road	N.S.	16 00
Glasgow Mountain	N.S.	14 20	Glenrosa	B.C.	90 95

(*a*) Reopened 3-7-17.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Glenrose	Sask.	113 68
Glenroy	Ont.	291 95
Glenshee	Ont.	51 00
Glen Sutton	P.Q.	419 04
Glen Titus	N.B.	23 50
Glen Tosh	N.S.	36 00
Glentworth	Sask.	134 50
Glen Valley	B.C.	195 00
Glenview	Alberta	57 25
Glenville	N.S.	47 20
Glenwood	N.B.	128 45
Glenwood, Lot 8 (closed 1-2-18)	P.E.I.	128 70
Glevennah	Alberta	47 98
Glidehurst	Alberta	18 00
Gobeil	P.Q.	57 25
Goble's	Ont.	239 69
Godbout	P.Q.	85 70
Goddard	Alberta	145 35
Goff's	N.S.	76 75
Go-Home (summer office)	Ont.	357 09
Golburn Valley	Sask.	22 75
Gold Brook	N.S.	22 45
Goldburg	Sask.	37 20
Gold Creek, late Fescue (1-9-17)	Alberta	55 00
Golden Acre	Sask.	40 00
Goldenburg	Ont.	57 77
Golden Grove	N.B.	50 00
Golden Grove Mills	N.B.	14 01
Golden Plain	Sask.	122 65
Golden Prairie	Sask.	277 60
Golden Spike	Alberta	8 00
Golden Stream	Man.	115 80
Golden Vale	Sask.	28 00
Golden Valley	Ont.	201 83
Golden West	Sask.	57 75
Gold Rock	Ont.	43 40
Gold Spring	Alberta	52 50
Goldstream	B.C.	154 75
Gollier	Sask.	43 90
Gondola Point	N.B.	135 50
Gonor	Man.	62 25
Goodhue	Sask.	15 20
Good Hope	Alberta	57 00
Gooding	Sask.	46 40
Goodwin Mill	N.B.	29 00
Gooseberry Cove	N.B.	63 50
Goose Creek	N.B.	37 20
Gopher Head	Alberta	77 05
Gordon	Sask.	6 50
Gordon Head	B.C.	105 40
Gordon Lake	O.	224 55
Gordon Rapids	Ont.	11 00
Gordonsville	N.B.	155 45
Gore	N.S.	284 95
Gore	P.Q.	152 00
Gorefield	Sask.	183 90
Goring	Ont.	116 26
Gorkendon	Sask.	20 60
Gosford	P.Q.	13 00
Goshen	N.B.	10 00
Goshen	N.S.	147 83
Goudronnerie	P.Q.	10 00
Gouffre	P.Q.	24 00
Goulais Bay	Ont.	131 61
Goulais River	Ont.	124 31
Goulbourne	Man.	25 75
Gould Station	P.Q.	230 50
Gouldtown	Sask.	148 95
Goulet	P.Q.	51 00
Gowland Mountain	N.B.	28 00
Grace	Sask.	99 73
Grahamdale	Man.	520 04
Graham Hill	Sask.	70 00
Graham Landing	B.C.	123 00
Grainfield	N.B.	59 00
Grainland (closed 20-11-17)	Alberta	6 06
Graminia	Alberta	79 20
Gramont	P.Q.	121 15
Grand Aldouane	N.B.	39 00
Grande Anse	N.S.	130 45
Grand Bay	N.B.	282 67
Grand Beach (summer office, reopened 15-6-17)	Man.	141 00
Grande Caroline	P.Q.	60 70
Grand Désert	N.S.	172 00
Grand Deuxième	P.Q.	19 50
Grand Grève	N.S.	50 72
Grande Montagne	P.Q.	90 00
Grande Pointe	Man.	78 75
Grande Vallée	P.Q.	270 00
Grands Fonds	P.Q.	10 00
Grandigue	N.B.	148 11
Grandin	Alberta	64 60
Grandique Ferry	N.S.	26 00
Grand Lake Station	N.S.	64 65
Grand Mira, North	N.S.	27 00
Grand Mira, South	N.S.	23 00
Grand Pabos	P.Q.	159 70
Grand Pabos, Ouest	P.Q.	42 52
Grand Rang	P.Q.	80 40
Grand Rapids	Man.	46 00
Grand Remou	P.Q.	87 20
Grande Rivière Ouest	P.Q.	176 00
Grand River Falls	N.S.	30 20
Grand St. Esprit	P.Q.	206 45
Grand St. Louis	P.Q.	49 70
Grangeville	N.B.	45 00
Granite Creek	B.C.	114 30
Granite Hill	Ont.	54 70
Granite Siding	B.C.	23 50
Granlea	Alberta	34 50
Grant	Ont.	585 70
Grantville	N.S.	109 73
Granville	Yukon	150 00
Grass Cove	N.S.	32 50
Grassmere	Ont.	37 00
Grass River (closed 1-1-18)	Man.	58 70
Grattan	N.B.	41 35
Grattan	Ont.	98 47
Gratz	Alberta	15 00
Gravel	P.Q.	38 35
Gravel Hill	Ont.	76 20
Gravesend	Sask.	41 05
Grayburn	Sask.	147 00
Gray Creek	B.C.	93 00
Graydahl	Sask.	51 25
Graystones	Alberta	8 09
Graytown	Sask.	81 70
Great Deer	Sask.	204 75
Great Desert	Ont.	80 00
Greece's Point	P.Q.	102 40
Greenan	Sask.	299 20
Greenbank	Ont.	360 69
Greenbrier	Sask.	104 95
Greendale	N.S.	12 00
Greene	Sask.	132 45
Greenfield	N.B.	40 39
Greenfield, Queens	N.S.	371 81
Greenfield, Colchester	N.S.	75 25
Green Glade	Alberta	38 00
Green Harbour	N.S.	164 50
Green Lake	Sask.	56 25
Greenland (closed 1-12-17)	N.S.	19 00
Greenland	Man.	32 50
Greenlawn	Alberta	162 40
Green Mountain	Ont.	21 00
Greenock	Ont.	332 39
Greenough Settlement	N.S.	30 00
Green Ridge	Man.	187 15
Green River	P.Q.	103 49
Green River	Ont.	257 47
Green River Station	N.B.	325 44
Green's Brook	N.S.	26 00
Greensides	Sask.	44 00
Greenstreet	Sask.	74 15
Greenvale	N.S.	9 70
Greenview	Ont.	70 92
Greenville Station	N.S.	195 23
Greenwald	Man.	63 10
Greenwich Hill	N.B.	166 00
Greer	N.B.	78 10
Greer Mount	P.Q.	56 19
Gregan	N.B.	176 20
Gregherd (opened 1-5-17)	Sask.	48 00
Gregory	Ont.	270 63
Grenadier Island	Ont.	62 93
Grenville Bay	P.Q.	99 45
Grey's Mills	N.B.	74 25
Greywood	N.S.	60 06
Griffin Cove East	P.Q.	116 46

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Griffin-Creek	Alberta	263 36
Griffith	Ont.	162 61
Grimsby Park (summer office)	Ont.	
Grimsthorpe	Ont.	68 75
Grizzly Bear	Alberta	160 20
Grondines Est	P.Q.	79 25
Grondines Station	P.Q.	157 00
Grondines Ouest	P.Q.	49 80
Grosmont	Alberta	64 75
Gros Morne	P.Q.	42 17
Gros Pin	P.Q.	45 97
Grosse Isle	Man.	246 87
Grosse Coques	N.S.	257 64
Grosses Roches	P.Q.	165 75
Grossewerder	Sask.	72 00
Grosvenor	N.S.	21 00
Gros Ventre	Alberta	108 13
Groton	Alberta	80 50
Grove Park	Sask.	22 50
Grove Creek	P.Q.	56 50
Groves Point	N.S.	64 90
Grund	Man.	36 25
Grunthal	Man.	152 80
Gueguen	N.B.	73 50
Guimond	N.B.	31 90
Guindon	P.Q.	21 00
Guiney	Ont.	22 00
Guite	P.Q.	50 98
Gulf Shore	N.S.	48 00
Gunderson	Sask.	145 25
Gull Cove	N.S.	49 65
Gunn	Alberta	96 36
Gunning Cove	N.S.	272 25
Gunningsville	N.B.	149 75
Gunter	Ont.	155 62
Gurneyville	Alberta	94 50
Guthrie	Ont.	141 25
Guynemer (opened 1-12-17)	Man.	35 75
Guysborough Intervale	N.S.	96 27
Gwendoline	Sask.	10 59
HAAS	Man.	141 65
Hachi	N.B.	51 40
Hacheyville	N.B.	12 00
Hacke	Alberta	51 60
Hackett's Cove	N.S.	253 30
Hadashville	Man.	198 66
Haddock	Alberta	59 32
Hadlington	Ont.	30 50
Hadlow Cove	P.Q.	26 95
Hagermans Corners	Ont.	194 75
Haglof	Sask.	57 50
Haines Lake	Ont.	13 00
Hairy Hill	Alberta	197 06
Halbstadt	Man.	65 00
Halcomb	N.B.	58 30
Halcourt	Alberta	113 20
Halcro	Sask.	25 10
Halcyon Hot Springs	B.C.	367 50
Haldane Hill	Ont.	97 50
Haldimand	P.Q.	229 09
Half Island Cove	N.S.	212 82
Halfmoon Bay	B.C.	239 70
Halfway Brook	N.S.	45 25
Halfway Cove	N.S.	80 00
Halfway Lake	Alberta	85 10
Halfway River Station	N.S.	170 00
Halicz	Man.	29 15
Halifax, Sub-Office No. 3	N.S.	*b*
*a*Halifax, Sub-Office No. 4 (closed 31-5-17, reopened 25-7-17)	N.S.	*b*
Hall	B.C.	340 75
Hallboro	Man.	115 00
Halley	Alberta	92 20
Hallgarth	Sask.	40 50
Halls Bridge	Ont.	521 49
Hall's Glen	Ont.	54 00
Hall's Harbour	N.S.	149 30
Hall's Lake	Ont.	50 48
Hall's Prairie	B.C.	81 30
Halpenny	Ont.	67 50
Halversen	P.Q.	49 70
Halvorgate	Sask.	31 95
Hamel	P.Q.	45 10
Hamelin	P.Q.	30 00
Hamill's Point (summer office)	Ont.	171 30
Hamilton	P.E.I.	175 10
Hamilton Cove	P.Q.	196 57
Hamilton Mountain	N.B.	49 70
Hamilton Piers (summer office)	Ont.	
Hamilton Sub-Office No. 2 (closed 31-6-17, reopened 5-12-17)	Ont.	
Hamilton, Sub-Office No. 6	Ont.	*c*
Hamilton, Sub-Office No. 7	Ont.	*c*
Hamilton, Sub-Office No. 8	Ont.	*c*
Hamilton, Sub-Office No. 9 (closed 18-5-17, reopened 6-7-17)	Ont.	*c*
Hamilton, Sub-Office No. 10	Ont.	*c*
Hamilton, Sub-Office No. 11 (closed 6-6-17, reopened 28-7-17)	Ont.	424 00
Hamlin	Alberta	199 23
Hammertown	Ont.	48 25
Hammond River	N.B.	77 75
Hammondvale	N.B.	112 80
Hampton	P.E.I.	239 10
Hamrlik	Man.	32 40
Hamtown (closed 1-11-17)	N.B.	13 00
Hanbury	Ont.	107 15
Hanbury	B.C.	211 22
Hanceville	B.C.	175 20
Handsworth	Sask.	60 89
Hanford Brook	N.B.	31 04
Hannon	Ont.	396 50
Hansford	N.S.	70 00
Hanson	Sask.	17 00
Happy Valley	B.C.	72 00
Harbledown	B.C.	112 00
Harbour Centre	N.S.	19 70
Harbour Road	N.S.	55 76
Harbourview	N.S.	110 09
Harbourville	N.S.	201 60
Harcourt	Ont.	196 51
Hardwicke	N.B.	205 25
Hardwood Hills	P.Q.	36 00
Hardwood Lake	Ont.	49 00
Hardwood Lands	N.S.	25 00
Harehills	Sask.	68 50
Harewood	N.B.	21 60
Harlan	Sask.	126 70
Harlem	Ont.	197 49
Harlington	Man.	131 00
Harlowe	Ont.	161 48
Harmatten	Alberta	179 12
Harmony	Ont.	91 75
Harmony	N.S.	77 50
Harmony Mills	N.S.	171 40
Harnett	Sask.	40 30
Harmsworth	Man.	162 25
Harper's Camp	B.C.	301 97
Harper's Corners	Ont.	62 00
Harperville	Man.	35 00
Harptree	Sask.	92 40
Harrigan Cove	N.S.	230 20
Harrington	P.E.I.	6 50
Harrington Harbour	P.Q.	61 63
Harrisland	Sask.	34 65
Harrison Hot Springs	B.C.	507 30
Harrison Settlement	N.S.	10 00
Harrisville	N.B.	28 00
Hart	Sask.	317 25
Hartcliffe (closed 1-7-17)	Alberta	5 25
Hartfield (closed 1-3-18)	N.B.	53 25
Hartford	N.S.	99 00
Hartley	Ont.	134 54
Hartley Bay	B.C.	102 75
Hartling	N.S.	292 91
Hartshorn	Alberta	236 00
Hartmere	Ont.	57 00
Hartville	N.S.	85 20
Harvard Lakes	N.S.	12 00
Harvey Bank	N.B.	109 15
Harwill	Man.	25 50
Harwood Plains	Ont.	17 00
Haskett	Man.	260 50

*a*Reopened 25-7-17. *b*For Revenue *see* under Halifax Sub-Offices.
*c*For Revenue *see* under Hamilton Sub-Offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Hassett	N.S.	58 40
Hastings (closed 7-1-18)	N.S.	17 00
Hastings	N.B.	12 20
Hastings Coulee (closed 29-1-18)	Alberta	50 09
Hatchley Station	Ont.	303 69
Hatfield	Sask.	111 25
Hartherleigh	Sask.	110 10
Hathersage	Alberta	166 20
Hattonford	Alberta	53 25
Haultain	Ont.	39 50
Haultain (closed 1-3-18)	Sask.	56 15
Hauteur	P.Q.	127 61
Haut Lameque	N.B.	51 60
Haut Shippigan	N.B.	20 85
Havelock	N.S.	150 08
Havendale	N.S.	54 00
Havergale	Ont.	99 48
Haverhill	Sask.	69 20
Haverigg	Alberta	22 50
Havilah	Ont.	48 50
Hawkeye	Sask.	102 62
Hawkhurst	Sask.	34 25
Hawk Lake	Ont.	102 30
Hawsdale	Alta.	128 79
Hawthorne	Ont.	68 57
Hawthorne	N.S.	25 00
Hay	Ont.	329 26
Hay Cove	N.S.	74 12
Hay Creek	Alberta	60 90
Hay Meadow	Sask.	70 00
Hayesville	N.B.	53 20
Hayland	Man.	38 20
Hayhurst (closed 1-8-17)	Alberta	
Hay River	Alberta	25 02
Hay's River	N.S.	30 61
Hazel Bank	Sask.	50 00
Hazel Bluff (closed 22-1-18)	Alberta	42 50
Hazeldale	N.S.	30 00
Hazell Dell	Sask.	194 00
Hazel Land	P.Q.	47 80
Hazelridge	Man.	467 65
Hazelwood	Sask.	82 20
Hazlet	Sask.	19 40
Head Lake	Ont.	179 00
Headlands	Sask.	17 50
Head of Amherst	N.S.	168 00
Head of Chezzetcook	N.S.	270 23
Head of Jeddore	N.S.	180 20
Head of Lochaber	N.S.	51 00
Head of Loch Lomond	N.S.	50 00
Head of Millstream	N.B.	160 80
Head of St. Margaret's Bay	N.S.	336 75
Head of Tide	N.B.	189 35
Hearnleigh	Alberta	49 26
Heart Lake	Alberta	199 50
Heaslip Station	Man.	112 95
Heather Brae (closed 27-8-17)	Alberta	50 25
Heath Creek	Alberta	23 95
Heathdale	Alberta	63 50
Heath Point	P.Q.	
Hebbs Cross	N.S.	154 33
Hebbville	N.S.	78 00
Hebert	N.B.	19 00
Hebron	N.B.	41 00
Hecla	Man.	158 63
Hectanooga	N.S.	172 80
Hector (summer office)	Ont.	170 00
Heidelburg	Ont.	251 64
Hekkla	Ont.	94 50
Heinsburg	Alberta	108 17
Heldar	Alberta	138 15
Helena (closed 1-8-17)	P.Q.	30 65
Helmsdale	Alberta	36 45
Hemford	N.S.	319 67
Hemison	P.Q.	106 80
Henderson Settlement	N.B.	90 80
Henderson's Grove (closed 10-10-17)	P.Q.	14 00
Henderson Vale	P.Q.	25 00
Henfryn	Ont.	90 70
Hennepin	P.Q.	24 67
Hennigar	N.S.	132 90
Henribourg	Sask.	205 30
Henriel	Sask.	31 35
Henrivassal (opened 1-5-17)	P.Q.	159 40
Henry River, late Gourand (1-4-17)	P.Q.	573 31
Heon	P.Q.	40 00
Heppel	P.Q.	72 05
Hercules	Alberta	82 50
Hereford	P.Q.	39 00
Hermitage Club	P.Q.	65 00
Hermit Lake	Alberta	59 70
Hermon	Ont.	181 21
Heron Island	N.B.	28 00
Herring Cove	N.S.	82 05
Hérouville	P.Q.	221 69
Herronton	Alberta	30 00
Hesquiat (closed 1-6-17)	B.C.	7 00
Hétriére	P.Q.	17 00
Hewitt Landing	Sask.	103 60
Hexham	N.B.	72 00
Hibernia	N.B.	104 60
High Bank	P.E.I.	39 50
High Falls	P.Q.	136 30
Highfield	N.B.	127 95
High Hill	Sask.	36 75
Highland	N.S.	14 00
Highland Hill	N.S.	20 00
Highland Ranch	Alberta	24 03
Highland Village	N.S.	86 00
High Point	Sask.	30 10
Highvale	Alberta	90 20
High View	Sask.	164 10
Highworth	Sask.	48 00
Hilbre	Man.	238 51
Hilda	Alberta	403 95
Hildegard	N.B.	20 30
Hilden	N.S.	151 00
Hillaton	N.S.	61 20
Hillbank	B.C.	277 00
Hillandale	Sask.	65 25
Hillburn	Sask.	36 30
Hill Crest	P.Q.	16 00
Hill End	Alberta	144 70
Hillesden	Sask.	51 25
Hill Farm	Sask.	33 50
Hill Grove	N.S.	66 70
Hilliardton	Ont.	158 50
Hillsborough	N.S.	125 38
Hillsburn	N.S.	136 54
Hillsdale	N.S.	27 00
Hillsdale	N.B.	153 29
Hillsdown	Alberta	223 57
Hillside	Ont.	130 86
Hillside Boularderie	N.S.	76 75
Hillside	N.S.	43 00
Hillside	Sask.	135 00
Hillsley	Sask.	55 00
Hillspring	Alberta	446 31
Hillsvale	N.S.	64 80
Hilltop	Man.	81 40
Hillview	Ont.	114 90
Hillview	N.S.	22 00
Hillview	Man.	12 50
Hilly Grove	Ont.	46 55
Hilton	B.C.	126 60
Hindon Hill	Ont.	25 00
Hindville	Alberta	36 28
Hinton	Alberta	48 55
Hiram	Alberta	81 00
Hnausa	Man.	175 90
Hoard's Station	Ont.	317 00
Hoath	Sask.	53 50
Hobbema	Alberta	149 05
Hobart	Ont.	51 45
Hochfeld	Man.	17 13
Hochstadt	Man.	42 14
Hockin Landing	B.C.	32 50
Hockley	Ont.	106 30
Hocquart	P.Q.	74 00
Hodgeville	Sask.	490 70
Hodgins	P.Q.	63 40
Hodgson	Man.	476 50
Hodson (closed 30-6-17)	N.S.	
Hogan	Ont.	137 58
Holar	Sask.	38 00
Holbeck	Sask.	157 20
Holbein	Sask.	87 00
Holborn	Alberta	92 71
Holderville	N.B.	80 40
Holland's Mills	P.Q.	59 00

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Holmesville	N.B.	50 50
Holmesville	Ont.	289 75
Holmwood	B.C.	44 01
Holt	Ont.	118 50
Holtville	N.B.	86 63
Holyrood	Ont.	521 50
Homeglen	Alberta	94 10
Homer	Ont.	136 00
Homer Siding	Ont.	79 50
Homeside	Ont.	770 00
Homeville	N.S.	15 00
Homewood	Man.	488 45
Honeydale	N.B.	161 00
Honey Harbour (summer office)	Ont.	327 00
Honeymoon	Sask.	8 00
Honora	Ont.	91 20
Hope Bay	Ont.	182 34
Hopefield	Ont.	20 00
Hopefield	P.E.I.	175 90
Hope Hill	Sask.	23 00
Hope Point (closed 15-9-17)	B.C.	18 00
Hopetown	P.Q.	58 00
Hopetown	Ont.	141 26
Hope Valley	Alberta	42 25
Hopewell	N.B.	118 83
Hopington	B.C.	102 60
Hopkins	Alberta	85 43
Hopkins Landing	B.C.	85 20
Hopper	N.B.	23 60
Horfield	Sask.	45 00
Hornby Island	B.C.	339 06
Horncastle	Ont.	49 00
Horndean	Man.	110 35
Horn's Road	N.S.	30 00
Horse Butte	Sask.	55 75
Horse Creek (opened 1-7-17)	Sask.	32 00
Horse Lake	Sask.	58 25
Horseshoe Canyon (closed 1-6-17)	Alberta	3 00
Horseshoe Lake	Alberta	11 00
Hoselaw	Alberta	26 97
Hotham	Ont.	80 70
Hotspur	Ont.	9 00
Houde	P.Q.	12 00
Hough Lake	Ont.	97 13
Housey's Rapids	Ont.	163 75
Hove	Man.	35 80
Howard Brook	N.B.	29 30
Howardville	Man.	54 70
Howdenvale (summer office)	Ont.	26 00
Howie	Alberta	106 75
Howie Centre	N.S.	6 00
Howlan	P.E.I.	296 20
Howser	B.C.	74 35
Hoyle	Ont.	268 70
Hubert	B.C.	54 79
Hudson Hope	B.C.	74 30
Hugel	Ont.	62 60
Hulatt (closed 1-9-17)	B.C.	32 00
Hume	Sask.	222 25
Hume Rear	N.S.	18 00
Humphrey	Ont.	42 20
Huns' Valley	Man.	87 70
Hunta	Ont.	94 75
Hunter's Home	N.B.	28 51
Hunter's Lodge	N.S.	16 00
Hunter's Mountain	N.S.	41 75
Hunter's Point	P.Q.	104 50
Hunter's Town	P.Q.	140 25
Hunterville	Alberta	52 47
Huntington	N.S.	11 00
Hunt's Point	N.S.	202 73
Hupel	B.C.	112 75
Hurdman Lodge	Sask.	93 70
Hurdville	Ont.	142 87
Hurley Corner	N.B.	12 00
Huronia Mine (closed 15-8-17)	Ont.	12 75
Huronville	Sask.	114 00
Husavick	Man.	22 00
Hustlers	Sask.	26 50
Hutton House	Ont.	167 95
Hutton Mills (opened 1-11-17)	B.C.	156 82
Hyannes	N.S.	16 00
Hybla	Ont.	301 31
Hydah	B.C.	39 40
Hyde	Sask.	51 50
Hyde Park	Man.	22 00
Hyder	Man.	78 80
Hydraulic	B.C.	59 20
Hydro Glen	Ont.	222 00
Hyndman	Man.	50 40
Hythe	Alberta	144 90
Ida	N.B.	14 00
Idaleen	Sask.	21 00
Ideal	Man.	79 76
Idylwild	Man.	39 95
Ile à la Crosse	Sask.	75 00
Ile aux Oies	P.Q.	17 64
Ile Mainville	P.Q.	70 00
Ile Michon	P.Q.	6 05
Illerbrun	Sask.	31 85
Ilfracombe	Ont.	64 25
Imhoff	N.B.	61 85
Imlah	N.B.	37 50
Imrie (opened 15-5-17)	Alberta	134 05
Inchby	N.B.	50 90
Indian Brook	N.S.	64 15
Indian Harbour	N.S.	317 52
Indian Harbour Lake	N.S.	81 75
Indian Island	N.B.	22 15
Indian Mountain	N.B.	44 00
Indian Point	N.S.	150 75
Indian Road	N.S.	51 05
Indian Springs	Man.	59 50
Ingebright	Sask.	221 00
Ingleford	Sask.	81 28
Ingleton (closed 22-6-17)	Alberta	13 00
Inglis	Alberta	38 29
Ingoldsby	Ont.	42 35
Ingolf	Ont.	184 05
Ingomar	N.S.	232 50
Ingonish Beach	N.S.	139 32
Ingonish Centre	N.S.	49 11
Ingonish Ferry	N.S.	156 55
Inholmes	Ont.	50 70
Inkerman Ferry	N.B.	35 00
Inlet	P.Q.	78 50
Inlet Baddeck	N.S.	30 20
Innes	Sask.	102 10
Innisville	Ont.	83 30
Interlake	Sask.	25 00
Intervale	N.B.	31 00
Intola	Ont.	60 00
Invergordon	Sask.	177 00
Inventa	N.S.	41 20
Invernairn (closed 23-5-17)	Sask.	13 00
Iola	Alberta	33 37
Iona	P.E.I.	145 25
Iona Rear	N.S.	71 00
Ireland	N.S.	16 00
Ireland	Ont.	36 11
Iris	P.E.I.	91 32
Irishtown	N.B.	59 30
Irish Vale	N.S.	32 15
Iron Bound Cove	N.B.	20 00
Iron Hill	P.Q.	225 01
Iron Mines	N.S.	61 00
Iron Ore	N.S.	9 00
Ironside	P.Q.	312 79
Ironville	N.S.	39 00
Iroquois	N.B.	112 27
Irwinville	Alberta	69 75
Isaac's Harbour North	N.S.	129 80
Isafold	Man.	14 95
Isherwood	Ont.	48 75
Island Point	N.S.	69 00
Island River	N.B.	114 00
Isle aux Coudees	P.Q.	94 39
Isle Bizard	P.Q.	147 62
Isle des Chênes	Man.	87 00
Isle Dupas	P.Q.	106 00
Isle Perrot, North	P.Q.	207 23
Isle Verte, Sud	P.Q.	55 15
Ispas	Alberta	39 00
Issoudun	P.Q.	213 20
Italy Cross	N.S.	255 55
Ivera	N.S.	9 00
Ivor (closed 2-5-17)	Sask.	
Ivry	P.Q.	73 80
Ivry Nord	P.Q.	282 00

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue. $ cts.
Ivy	Ont.	251 00
Ivy-Lea (closed 24-11-17)	Ont.	175 01
Jackfish Lake (closed 21-8-17)	Sask.	14 00
Jack's Lake	Ont.	69 10
Jackson	N.S.	59 50
Jackson Corners	Ont.	127 20
Jacksonville	N.S.	10 00
Jackville (closed 13-12-17)	Alberta	27 00
Jaco Hughes	P.Q.	46 60
Jaffa	Ont.	61 75
Jailletville	N.B.	24 49
James Bay Junction	Ont.	80 15
James River	N.S.	21 00
James River Bridge	Alberta	43 25
James River Station	N.S.	352 50
Jamesville	N.S.	26 00
Jamesville West	N.S.	112 30
Janetville Station	Ont.	107 20
Janow	Man.	593 85
Jardine Brook	N.B.	19 50
Jardineville	N.B.	57 45
Jarlsberg	Ont.	274 75
Jarnac	P.Q.	16 80
Jauvrin's Harbour	N.S.	37 00
Jeanette's Creek	Ont.	197 67
Jeanne d'Arc	P.Q.	104 23
Jean Noel	P.Q.	31 85
Jedburgh	Sask.	119 40
Jeddore Oyster Ponds	N.S.	362 80
Jedway	B.C.	65 37
Jefferson	Ont.	159 26
Jeffry	N.B.	151 54
Jeffrey	Alberta	19 53
Jellicoe	Ont.	203 10
Jellyby	Ont.	239 90
Jennings	Alberta	59 25
Jersey Cove	N.S.	38 25
Jersey Cove	P.Q.	147 85
Jersey Mills	P.Q.	138 00
Jesmond (opened 1-3-18)	B.C.	35 00
Jethson	Alberta	38 00
Jewellville	Ont.	142 54
Jock Vale	Ont.	62 40
Jocko River	Ont.	199 90
Joffre	P.Q.	30 00
Joggin Bridge	N.S.	368 46
Johnson's Croft	N.B.	8 00
Johnson Landing (opened 1-12-17)	B.C.	35 00
Johnson's Mills	N.B.	58 00
Johnston's River	P.E.I.	256 80
Johnstown	N.S.	51 00
Johnville	N.B.	136 45
Jolicure	N.B.	151 95
Joly (closed 20-4-17)	P.Q.	
Jonction Bel Air (closed 1-9-17)	P.Q.	25 00
Jones Falls	Ont.	200 34
Jonquière, Ouest	P.Q.	255 00
Jordan Bay	N.S.	57 25
Jordan Bay, E. Side	N.S.	153 15
Jordan Branch	N.S.	78 00
Jordan Ferry	N.S.	68 20
Jordan Mountain	N.B.	23 20
Jordan River (opened 1-6-17)	Sask.	52 50
Joseph Farm	P.Q.	25 12
Josephine	Sask.	47 20
Josephsburg	Ont.	25 00
Josephsburg (closed 14-11-17)	Alberta	107 50
Joynt	P.Q.	81 18
Joyal	P.Q.	36 01
Jual (closed 1-10-17)	Ont.	6 00
Jubilee	N.S.	42 15
Juddhaven	Ont.	301 33
Judge	Ont.	47 25
Judique	N.S.	142 57
Judique Intervale	N.S.	27 00
Judique, North	N.S.	187 58
Judique, South	N.S.	236 50
Julien	P.Q.	47 40
Jumbo Gardens (opened 1-8-17)	Ont.	40 08
Jumping Pound	Alberta	220 73
Juniata	Sask.	447 70
Juniper (opened 1-10-17)	N.B.	81 41
Juniper Island (summer office)	Ont.	256 40
Juniper Mount	N.S.	14 00
Junor	Sask.	155 00
Juvenile Settlement	N.B.	59 26
Kahshe Lake (summer office)	Ont.	135 25
Kahwin	Alberta	120 50
Kakawis	B.C.	42 55
Kaleida	Man.	386 78
Kaleland	Alberta	10 00
Kalevala	Man.	88 20
Kamouraska-aux-Côtes	P.Q.	69 83
Kanata	Alberta	77 25
Kananaskis	Alberta	102 25
Kanawana (summer office)	P.Q.	30 00
Kannon	P.Q.	72 75
Kantenville	Sask.	62 95
Kanyengeh	Ont.	38 00
Karluk	Sask.	210 70
Kasbaboiwe	Ont.	199 95
Kavanagh Mills	N.S.	21 50
Kawartha Park (summer office)	Ont.	155 00
Kawene	Ont.	81 15
Kayville (closed 1-5-17, reopened 23-6-17)	Sask.	15 00
Kazubazua Station	P.Q.	202 10
Kealey Springs	Sask.	51 43
Keatley	Sask.	82 00
Kedgemakooge	N.S.	60 00
Kedron	N.B.	17 00
Keefers	B.C.	298 00
Keelerville	Ont.	45 00
Keephills	Alberta	114 99
Kegaska	P.Q.	20 97
Keithley Creek	B.C.	50 00
Keld	Man.	55 60
Kells (closed 15-6-17)	Ont.	19 50
Kelly	P.Q.	89 59
Kelly's Cross	P.E.I.	215 00
Kelley Cove	N.S.	15 00
Kelly's Mills	P.Q.	71 60
Kelso (closed 1-8-17)	P.Q.	15 00
Kelso	Ont.	179 00
Kelvin Glen	N.S.	6 00
Kemnay	Man.	224 50
Kempt Road	N.S.	51 40
Kempt Road Hill	P.Q.	36 26
Kempt Shore	N.S.	225 30
Kempt Town	N.S.	100 91
Kempton	Ont.	9 00
Kenex	Alberta	59 50
Kenfalls (summer office)	B.C.	
Kenlis	Sask.	164 37
Kenloch	N.S.	176 01
Kennaway	Ont.	59 70
Kennebecasis Island	N.B.	29 70
Kennell	Sask.	41 00
Kennetcook Corner	N.S.	240 58
Kenney	Ont.	410 25
Kennington Cove	N.S.	21 00
Kenogami Lake	Ont.	108 50
Kensington (closed 1-8-17)	P.Q.	31 48
Kensington Heights (opened 1-9-17)	Ont.	62 50
Kensington Point (summer office, opened 28-8-17)	Ont.	
Kensington Prairie	B.C.	68 26
Kensmith	Sask.	39 25
Kent Centre	Ont.	86 95
Kent Junction	N.B.	181 15
Kent Lake	N.B.	85 00
Kentvale	Ont.	201 94
Kenyon (opened 15-6-17, closed 30-11-17)	Ont.	50 00
Keppoch	N.S.	9 00
Kermaria	Sask.	89 50
Kerndale (opened 1-11-17)	Alberta	29 16
Kerry	N.B.	10 00
Kersey	Alberta	24 75
Kersley	B.C.	174 40
Kessler	Alberta	25 60
Kessock (opened 1-6-17)	Sask.	61 00
Ketch Harbour	N.S.	57 50
Kettle Valley	B.C.	390 42
Kevisville	Alberta	91 00
Kew	Alberta	223 37
Kewstoke	N.S.	37 00
Key Junction	Ont.	97 50

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Keystone	Alberta	19 00
Keystown	Sask	448 67
Kew West	Sask	63 50
Khartum	Ont	49 65
Kilfoil	N.B	55 20
Kilkenny	Man	24 50
Killaloe	Ont	120 60
Killam's Mills	N.B	82 00
Killarney Lake	Alberta	49 00
Killowen	N.B	65 00
Kiltarlity	N.S	58 00
Kilronan	Sask	86 45
Kilwinning	Sask	55 75
Kilwinning Siding	Sask	95 00
Kimball	Alberta	272 00
Kimberley	P.Q	32 75
Kimsquit (summer office)	B.C	42 50
Kinbrae	Sask	51 00
Kincardine	N.B	46 40
Kincolith	B.C	149 05
King Corner (closed 10-10-17)	P.Q	10 00
Kinglake	Ont	233 50
Kingross	N.S	64 70
Kingsclear	N.B	338 98
Kingsburg	N.S	68 10
Kingscroft	P.Q	104 72
Kingscroft	N.B	61 75
Kingsford	Sask	194 10
Kingsgate	B.C	391 05
King's Head	N.S	95 10
Kingsland	Sask	82 00
Kingsley	Man	90 14
Kingsley (closed 1-11-17)	N.B	10 00
Kingsmere	P.Q	94 50
Kingston Mills	Ont	63 80
Kingston Station	Ont	343 50
Kingston Village	N.S	200 69
Kingsvale	B.C	19 25
Kingsville	N.S	77 91
Kingsway (summer office)	Ont	280 50
Kingwood	Ont	51 00
Kinikinik (opened 1-12-17)	Alberta	16 00
Kinkora	P.E.I	404 73
Kinloss	Ont	268 52
Kinmunday	Alberta	233 61
Kinosota	Man	421 00
Kinnondale	Alberta	53 78
Kinsman's Corners	N.S	367 00
Kintail	Ont	144 25
Kintore	N.B	166 50
Kipling	Ont	223 10
Kippenville	Alberta	139 40
Kirkcaldy	Alberta	168 05
Kirkella	Man	359 66
Kirkhill	N.S	20 50
Kirkman Creek (summer office, closed 30-9-17)	Yukon	
Kirkness	Man	33 65
Kirkmount	N.S	9 00
Kirk's Ferry	P.Q	337 05
Kirkwood	N.S	28 82
Kirkwood	N.B	29 51
Kirouac	P.Q	112 13
Kirwan	P.Q	8 50
Kiskisink	P.Q	204 95
Kispiox	B.C	50 00
Kitchener	B.C	221 48
Kitimat	B.C	33 50
Kitimat mission	B.C	63 76
Kitselas (closed 9-9-17)	B.C	22 50
Kitsum Kelum	B.C	90 75
Kivikoski	Ont	36 00
Kleczkowski	Sask	87 35
Kleefeld	Man	65 75
Klemme (closed 1-9-17)	Alberta	6 00
Kleskeen Hill	Alberta	62 25
Klintonel	Sask	42 50
Kluane	Yukon	102 50
Knappen	Alberta	117 25
Knightington	Ont	103 75
Knob Hill	Alberta	84 74
Knowles	N.S	92 00
Knowlton Landing	P.Q	219 40
Knoxbridge	P.Q	54 00
Knoydart	N.S	28 00
Knutsford	B.C	80 75
Koch Siding	B.C	493 85
Komarno	Man	337 28
Kootenay Bay	B.C	172 50
Kopernick	Alberta	14 00
Korah	Ont	87 80
Koshee	Ont	48 00
Kossuth	Ont	40 50
Kouchibouguac Beach	N.B	34 35
Kowkash	Ont	104 00
Krakow	Alberta	66 60
Kramer	Sask	21 00
Krasne	Sask	15 50
Kreuzburg	Man	413 80
Kristnes	Sask	73 20
Krupp	Sask	191 01
Kuest	Sask	94 80
Kulish	Man	127 00
Kuskonook	B.C	116 04
Kyle	Sask	26 75
Kylemore	Sask	305 80
Kyleville	Sask	170 10
Kyouquot	B.C	54 45
Kynoch	Ont	166 16
LA BALEINE	P.Q	27 20
La Barre	P.Q	76 45
La Barrière	P.Q	49 65
Labisonnière	P.Q	41 00
Lebonneville	P.Q	43 20
La Boucane	P.Q	16 00
La Branche	P.Q	30 50
La Butte	P.Q	38 96
Lac à Laurent	P.Q	26 00
Lac à Beauce	P.Q	70 33
Lac à Foin	P.Q	77 75
Lac à la Truite (summer office)	P.Q	55 00
La Calmette	Alberta	63 56
Lacasse	P.Q	23 10
Lac aux Brochets	P.Q	77 00
Lac Beauport	P.Q	98 50
Lac Bellemare	P.Q	224 84
Lac Bellevue	Alberta	69 70
Lac Bitobig	P.Q	54 00
Lac Bouchette Station	P.Q	342 00
Lac Canard (opened 1-12-17)	Alberta	20 00
Lac Castor	P.Q	84 48
Lac Charlebois (summer office)	P.Q	34 00
Lac Chat	P.Q	136 00
Lac Cornu (summer office)	P.Q	60 00
Lac David	P.Q	12 50
Lac des Commissaires	P.Q	24 05
Lac Désert	P.Q	81 25
Lac Duhamel (summer office)	P.Q	25 00
Lac Echo (summer office)	P.Q	73 00
Lac Français (opened 25-6-17)	P.Q	35 00
Lac Gatineau	P.Q	20 00
Lac Gorman	P.Q	16 00
Lac Grosleau	P.Q	74 69
Lac Guindon (summer office)	P.Q	94 00
Lachance	P.Q	50 16
Lachenaie	P.Q	149 00
La Chevrotière	P.Q	332 50
Lachine Rapids	P.Q	25 00
Lac Humqui	P.Q	153 41
Lackenby (opened 1-3-18)	B.C	25 00
Lac la Biche	Alberta	81 00
Lac la Nonne	Alberta	23 00
Lac la Pêche (summer office)	P.Q	160 00
Lac la Ronge	Sask	114 95
Lac Long	P.Q	111 99
Lac Manitou, Sud (summer office)	P.Q	
Lac Marois (summer office)	P.Q	199 50
Lac Maskinongé (summer office, closed 15-7-17)	P.Q	10 00
Lac Nantel	P.Q	118 83
Lacolle Station	P.Q	130 65
La Conception Station	P.Q	55 00
Laconia	N.S	30 50
Lacordaire	Sask	120 35
La Corey (opened 1-12-17)	Alberta	24 00
La Corniche	P.Q	19 00
Lac Paquin (summer office)	P.Q	83 00
Lac Pelletier	Sask	250 34

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue. $ cts.
Lac Renaud (summer office, opened 1-8-17)	P.Q.	17 00
La Croche	P.Q.	84 00
La Croix	P.Q.	7 00
Lac St. Joseph	P.Q.	210 17
Lac St. Pacome	P.Q.	9 50
Lac St. Vincent	Alberta	61 05
Lac Sergent	P.Q.	75 95
Lac Superieur	P.Q.	116 70
Lac Thomas	P.Q.	12 00
Lactor	P.Q.	20 00
Lac Tremblant (summer office)	P.Q.	66 00
Lac Unique	N.B.	50 00
Lac Vert	Sask.	241 00
Lac Windigo	P.Q.	49 40
Lacy Road	N.S.	13 00
La Décharge	P.Q.	134 09
La Descente des Femmes	P.Q.	31 26
Ladstock	Sask.	184 00
LaDurantaye	P.Q.	169 77
Ladysmith Station	Man.	69 80
Ladywood	Man.	149 05
Lafayette	P.Q.	67 55
La Ferme (closed 20-4-17)	P.Q.	
Lafond	Alberta	322 97
Lafrance	P.Q.	38 00
Lagacé	P.Q.	123 74
Lagaceville	N.B.	176 40
Lagadelle (opened 1-6-17)	P.Q.	35 00
Laganière	P.Q.	35 00
Laggan	N.S.	54 00
La Glace	Alberta	52 25
La Grande Pointe	P.Q.	64 00
La Have Island	N.S.	203 36
Laidlaw	B.C.	293 40
Laird	Ont.	63 40
Lake	Ont.	36 40
Lake Ainslie Chapel	N.S.	8 00
Lake Ainslie (W. Side)	N.S.	20 80
Lake Ainslie (E. Side)	N.S.	75 00
Lake Ainslie (S. Side)	N.S.	31 05
Lake Annis	N.S.	133 30
Lake Aylmer	P.Q.	92 40
Lakeburn	N.B.	39 00
Lake Canorasset (summer office, opened 1-7-17)	P.Q.	
Lake Cayamont	P.Q.	88 50
Lake Centre (closed 1-1-18)	Sask.	7 00
Lake Clear	Ont.	54 65
Lake Couchiching (summer office)	Ont.	255 00
Lakedale	N.S.	20 00
Lake Doucette	N.S.	91 89
Lake Eliza	Alberta	61 25
Lake Edward	N.B.	39 10
Lake Egmont	N.S.	50 50
Lakefield	P.Q.	194 25
Lake Frances	Man.	43 33
Lake Francis Station	Man.	238 02
Lake Geneva	Alberta	69 05
Lake George, Kings	N.S.	53 00
Lake George, Yarmouth	N.S.	38 00
Lake Hill	B.C.	276 20
Lakehurst	Ont.	233 01
Lake Ignace	Sask.	5 00
Lake Isle	Alberta	68 25
Lake Jolly	N.S.	70 85
Lake L'Achigan (summer office)	P.Q.	
Lakeland	Man.	65 95
Lake La Rose	N.S.	13 20
Lakelet	Ont.	126 55
Lake McGregor	Alberta	111 70
Lake Midway	N.S.	47 00
Lake Munro	N.S.	15 00
Lakeneath	Sask.	57 50
Lake Opinicon	Ont.	82 40
Lakepark	Sask.	33 75
Lake Paul	N.S.	39 50
Lake Ramsay	N.S.	45 00
Lake Road	N.B.	14 25
Lake Road	N.S.	19 55
Lakesend	Alberta	29 00
Lake St. Joseph Hotel (summer office)	P.Q.	
Lake St. Charles	P.Q.	40 35
Lakeside	P.Q.	95 00
Lake Stream	N.B.	9 00
Lake Thelma	Alberta	39 50
Lake Thomas	N.S.	67 76
Laketon	N.B.	20 50
Lake Uist	N.S.	32 00
Lakevale	N.S.	70 20
Lake Verd	P.E.I.	35 70
Lakeview	N.S.	16 00
Lakeview	P.Q.	73 25
Lakeview (closed 15-8-17)	N.B.	14 70
Lake View House (summer office)	P.Q.	139 34
Lake Victoria (summer office)	Ont.	10 00
Lakeville	N.S.	397 33
Lakeville Corner	N.B.	45 00
Lake Wasaw	Ont.	76 50
Lake Wayagamac (summer office, closed 1-5-17)	P.Q.	
Lake William	P.Q.	9 00
Lalancette	P.Q.	23 00
Lalement	P.Q.	95 95
La Madeleine	Alberta	35 51
Lamarche (closed 20-11-17)	P.Q.	31 60
La Mare	P.Q.	48 20
Lambert Corners	P.Q.	21 60
La Mérisière	P.Q.	23 51
La Miche	P.Q.	41 57
Lammermoor	Ont.	55 00
La Montagne	P.Q.	27 90
Lamy	P.Q.	94 20
Lanark	N.S.	40 00
La Nation	P.Q.	76 10
Lancelot	Ont.	70 70
Lance Valley	Sask.	95 00
Landestrew (closed 31-12-17)	Sask.	14 00
Landrienne (opened 18-7-17)	P.Q.	128 90
Landrose	Sask.	11 00
Landry	N.B.	30 00
Landscape	Sask.	62 95
Lands End	N.B.	29 00
Lanes	Ont.	52 45
Lanesville	N.S.	25 00
Lang	Ont.	349 10
Langarra	B.C.	158 45
Langmeade	Sask.	81 58
Langvale	Man.	45 25
Lanoraie Station	P.Q.	49 70
La Normandie	P.Q.	41 00
Lansdowne	N.S.	31 50
Lansdowne Station	N.S.	267 30
L'Anse à Brillant	P.Q.	199 42
L'Anse à Fougère	P.Q.	55 94
L'Anse à Giles	P.Q.	153 06
L'Anse à Giles Station	P.Q.	71 00
L'Anse à la Barbe	P.Q.	257 10
L'Anse à la Cabane	P.Q.	30 39
L'Anse à la Croix	P.Q.	78 30
L'Anse au Beaufils	P.Q.	378 00
L'Anse aux Cousins	P.Q.	364 00
L'Anse à Valleau	P.Q.	69 00
Lansing	Ont.	437 50
Lantana	Ont.	56 25
Lantier	P.Q.	86 00
Lantz	N.S.	59 40
Lanuke	Alberta	124 55
La Passe	Ont.	295 55
Lapeyrere	P.Q.	5 00
La Petite Rivière Saint Francois	P.Q.	217 00
La Plaine	P.Q.	115 00
La Plante	N.B.	35 25
Lapland	N.S.	69 00
Laporte	Sask.	35 82
La Ratière	P.Q.	25 28
Larawis	P.Q.	13 00
L'Archévêque	N.S.	27 28
Lardo	B.C.	145 60
L'Ardoise Highlands	N.S.	28 70
L'Ardoise West	N.S.	178 30
La Reine	P.Q.	587 22
La Renaudière	P.Q.	46 83
Larkin	Ont.	68 20
LaRochelle	Man.	87 20
Larocque	Ont.	48 50
Larouche	P.Q.	87 85

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
La Salette	Ont.	397 81
Laseelles	P.Q.	172 43
Laskay	Ont.	283 26
La Société	P.Q.	65 00
Lasswade	Ont.	141 30
Last Chance	Yukon	22 50
Last Lake (opened 1-11-17)	Alberta	38 00
Last Mountain	Sask.	43 25
La Tabatière	P.Q.	11 10
Latchford Bridge	Ont.	33 18
Lathom	Alberta	245 00
Lattie's Brook	N.S.	128 00
Latourelle	P.Q.	28 00
Latulipe	P.Q.	141 09
Laudia	N.B.	19 00
Launching Place	P.E.I.	110 40
Laureat	P.Q.	62 00
Laurel	P.Q.	62 30
Laurence	Alberta	22 00
Laurin	Ont.	82 08
Lauvina	N.B.	17 70
Laval	P.Q.	82 50
Laval des Rapides	P.Q.	339 00
Lavaltrie Station	P.Q.	32 90
Lavant	Ont.	37 50
Lavender	Ont.	50 70
Laverlochère	P.Q.	251 39
La Vernière	P.Q.	27 00
Lavery	P.Q.	27 00
Lavigne	Ont.	62 00
Lavington	B.C.	203 80
Lavesta	Alberta	77 00
Lavinia	Man.	291 50
Lavoie	P.Q.	39 55
Lawndale	Alberta	146 25
Lawn Hill	B.C.	32 00
Lawrenee Station	N.B.	402 85
Lawrenee Station	Ont.	364 64
Lawreneetown	N.S.	110 10
Lawrie	Sask.	68 50
Lawson	Ont.	157 20
Lawsonburg	Alberta	95 71
Lawton	Alberta	54 10
Leafland	Alberta	29 30
Leakville	Sask.	23 75
Lealholme	Alberta	3 00
Leaman	Alberta	144 15
Leamington	N.S.	69 99
Leary	Man.	68 50
Leaside	Ont.	358 30
Leasowe	Alberta	14 50
Leaskdale	Ont.	183 67
Leavitt	Alberta	119 10
Lebanon	Ont.	128 33
Leblanc	N.B.	54 00
Le Blaneville	N.B.	6 00
Le Bouthillier	N.B.	161 97
Le Bras	P.Q.	77 40
Le Cordon	P.Q.	50 30
LeChourie	P.Q.	85 93
Leclair	P.Q.	35 00
Lecoq	Sask.	41 20
Ledwyn	Man.	34 00
Leeburn	Ont.	210 91
Leech	N.B.	55 00
Leeshore	Alberta	23 52
Lee Valley	Ont.	123 00
Leeville	Ont.	113 59
Lefaive's Corners	Ont.	14 00
Leger Brook	N.B.	43 35
Légère	N.B.	78 60
Legere Corner	N.B.	119 90
Légerville	N.B.	94 50
Leggatt's Point	P.Q.	304 90
Lehman	Sask.	1 00
Leifur	Man.	126 40
Leighside	N.B.	53 00
Leighton	Alberta	128 15
Leinan	Sask.	200 75
Leitche's Creek	N.S.	65 00
Leitche's Creek Station	N.S.	145 10
Leitchville	Sask.	106 70
Leith	Ont.	196 94
Leitrim (closed 18-4-17)	Ont.	
Leland	Ont.	29 50
Lemay	P.Q.	13 65
Lemesurier	P.Q.	262 50
Leminster	N.S.	46 20
Lemonville	Ont.	146 25
Lemoyne	P.Q.	428 03
Lena	Man.	440 50
Leneuf	P.Q.	27 00
Lennard	Man.	95 00
Lenora Lake	Sask.	78 50
Lennox	N.S.	28 36
Lennox Ferry	N.S.	136 21
Lennox Island	P.E.I.	42 80
Leo	Alberta	381 15
Léopold	P.Q.	52 00
Le Petit Bois Franc	P.Q.	24 51
Lequille	N.S.	393 30
Le Rapide	P.Q.	19 50
Le Roeher	P.Q.	24 00
Lerwiek	N.B.	44 50
Les Boules	P.Q.	363 24
Les Bueherons	P.Q.	
Les Caps	P.Q.	15 00
Les Chenaux	P.Q.	56 60
Lesdale	Man.	30 00
Les Dalles	P.Q.	33 00
Les Etroits (opened 1-5-17)	P.Q.	202 40
Les Fonds	P.Q.	165 45
Les Hauteurs	P.Q.	57 00
Leskard	Ont.	131 11
Les Lacs (summer office)	P.Q.	60 00
Leslie	P.Q.	95 48
Les Saules	P.Q.	84 00
Les Vieilles Forges	P.Q.	18 38
L'Etang	N.B.	50 45
L'Etete	N.B.	322 70
Letterkenny	Ont.	20 00
Lettonia	Man.	61 50
Levesque	N.B.	12 80
Lewis Lot 60	P.E.I.	26 00
Lewis Bay West	N.S.	12 00
Lewis Cove Road	N.S.	26 60
Lewisham	Ont.	32 00
Lewis Mountain	N.B.	58 50
Lewis Mountain	N.S.	12 00
Lewis Settlement	N.B.	9 00
Lewiston	N.S.	362 60
Lewisville	N.B.	792 15
Leweswyn	Sask.	9 25
Lexington	N.S.	14 00
Libau	Man.	145 85
Lidgett	Sask.	151 05
Lidstone	Man.	113 51
Lightwoods	Sask.	36 50
Lilac (opened 15-3-18)	Sask.	30 00
Lillestrom	Sask.	37 00
Lillesve	Man.	45 45
Lillyfield	Man.	90 75
Lily	N.S.	52 35
Lily Bay	Man.	59 00
Lilydale	Sask.	23 50
Lily Plain	Sask.	74 70
Lily Vale	N.S.	15 50
Lime Hill	N.S.	27 18
Limekiln	N.B.	19 00
Limestone Lake (opened 15-5-17)	Alberta	63 99
L'Immaculée Conception	P.Q.	43 50
Linaria (opened 15-1-18)	Alberta	17 00
Linda	P.Q.	12 75
Lindale	Alberta	55 00
Lindel	B.C.	12 00
Lindsay	N.B.	214 50
Lineham	Alberta	170 59
Linfield	Alberta	39 74
Lingan	N.S.	186 25
Lintlaw	Sask.	270 72
Linton Junction, late LaTuque Junction (1-1-18)	P.Q.	102 95
Linton's	N.B.	106 00
Lintrathen	Man.	25 00
Linville	N.B.	30 75
Linwood	N.S.	210 41
Lippentott (closed 9-6-1917)	Sask.	
Lisburn	Alberta	54 20
Liscombe Mills	N.S.	84 48
Lisgar Station	P.Q.	482 70

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
L'Islet Station	P.Q.	634 34
Lismore	N.S.	70 50
Lisson	N.B.	26 40
Listerville	N.B.	29 00
Litchfield	N.S.	85 60
Little Aldouane	N.B.	131 30
Little Bartibog	N.B.	24 00
Little Bass River	N.S.	193 25
Little Beach	N.B.	12 30
Little Branch	N.B.	131 50
Little Bras d'Or (S. side)	N.S.	24 00
Little Bras d'Or Bridge	N.S.	465 00
Little Brook	N.S.	386 15
Little Brook Station	N.S.	125 00
Little Cape	N.B.	87 00
Little Dover	N.S.	65 25
Little Gaspé	P.Q.	96 00
Little Harbour	N.S.	78 94
Little Judique	N.S.	43 10
Little Judique Ponds	N.S.	62 00
Little Lake	N.B.	61 93
Little Lepreaux	N.B.	70 50
Little Liscombe	N.S.	10 00
Little Lorraine	N.S.	62 35
Little Mabou	N.S.	6 00
Little Narrows	N.S.	168 34
Little Pabos	P.Q.	225 95
Little Plume	Alberta	59 00
Little Port L'Hébert	N.S.	31 50
Little Rapids	Ont.	245 70
Little Ridge	N.B.	38 50
Little Ridgeton	N.B	30 00
Little River Chéticamp	N.S.	32 00
Little River East	P.Q.	324 00
Little River West	P.Q.	194 50
Little River	N.B	1266 00
Little River Harbour	N.S.	34 00
Little Rocher	N.B.	69 40
Little Salmon River	N.B.	5 00
Little Shippigan	N.B.	93 50
Little Tancook	N.S.	68 00
Little Volga	Alberta	85 20
Little Woody	Sask.	140 70
Little York	P.E.I.	296 25
Livelong (opened 1-7-17)	Sask.	70 45
Livingstone	Alberta	158 00
Livingstone Cove	N.S.	19 50
Livingstone Creek	Ont.	47 00
Lizard Lake	Sask.	70 50
Lloyd's	N.S.	33 70
Lloyd's Hill	Alberta	107 45
Lobley	Alberta	137 45
Lobo	Ont.	170 00
Lobster Beach	N.B.	16 00
Lochaber Bay	P.Q.	199 68
Lochaber Mines	N.S.	50 00
Loch Ban	N.S.	14 20
Lochdale	B.C.	49 50
Lochend	Alberta	28 80
Loch Katrine	N.S.	109 25
Lochinvar	Alberta	71 20
Loch Lomond	N.S.	35 32
Loch Lomond West	N.S.	20 25
Loch Monar	Man.	15 00
Lochside	N.S.	28 00
Loch Slov	Alberta	84 69
Lockeport	B.C.	239 54
Lockerbie	Sask.	43 25
Lockhart	Alberta	115 25
Lockhartville	N.S.	241 00
Lockport	Man.	343 06
Locksteed	N.B.	24 00
Lodore	Ont.	26 00
Loganville	N.S.	86 71
Logberg	Sask.	63 50
Logoch	Man.	30 00
Log Valley (closed 11-5-17)	Sask.	76 20
Loiselleville	Ont.	319 50
London Cadet Camp	Ont.	
London Field Camp	Ont.	
London Sub-office No. 5	Ont.	*a*
London Sub-office No. 6	Ont.	*a*
London Sub-office No. 7	Ont.	*a*
London, Tambling's Corners	Ont.	*a*
Londonderry	N.B.	16 00
Londonderry Station	N.S.	364 36
Lonely Lake	Man.	28 45
Lone Rock	Sask.	14 00
Lonesome Butté	Sask.	61 00
Long Spruce	Sask.	24 00
Long Bay	Ont.	83 95
Long Coulee	Alberta	81 50
Long Creek	N.B.	68 30
Longfield	Sask.	112 50
Long Hill	N.S.	10 00
Long Island Main	N.S.	10 00
Long Lake	Ont.	132 56
Long Point	N.S.	209 75
Long Point	N.B.	89 74
Long Point of Mingan	P.Q.	74 70
Long Reach	N.B.	186 15
Long River	P.E.I.	263 50
Longs	N.S.	4 00
Long's Cove	N.B.	35 20
Longview	Alberta	204 70
Longworth	B.C.	42 70
Lonira	Alberta	145 80
Lonsdale	N.B.	23 75
Loon (summer office)	Ont.	
Loos	B.C.	65 60
Loree	Ont.	71 60
Lorenzo	Sask.	34 50
Lorimier Lake	Ont.	27 50
Lorne	N.B.	40 00
Lorne	Ont.	49 00
Lorne Creek	B.C.	113 00
Lorne House (summer office)	P.Q.	332 00
Lorne Park	Ont.	439 00
Lorne Mine	B.C.	122 50
Lornevale	N.S.	30 00
Lorneville	N.S.	117 45
Lorneville	N.B.	168 25
Lorraine	Alberta	84 50
Lost River	P.Q.	163 53
Lost River	Sask.	77 50
Louisa	P.Q.	37 00
Louise Docks	P.Q.	
Louisburg-Road	N.S.	12 00
Louis Creek	B.C.	145 00
Louise	Ont.	105 00
Louis Head	N.S.	149 00
Louisville	N.S.	61 20
Loulay	P.Q.	15 50
Lourdes	N.S.	231 00
Lourdes du Blanc Sablon	P.Q.	46 20
Loutre Dam (closed 1-12-17)	P.Q.	860 00
Louvain	Sask.	46 00
Lovat Station	Sask.	282 00
Lovering	Ont.	247 40
Low Bush	Ont.	216 50
Lowell	N.B.	15 00
Lower Abougoggin	N.B.	49 70
Lower Branch	N.S.	56 00
Lower Brighton	N.B.	27 20
Lower Burlington	N.S.	92 00
Lower Burnside	N.S.	43 00
Lower Caledonia	N.S.	94 10
Lower Cape	N.B.	54 55
Lower Cape Bald	N.B.	11 00
Lower Caraquet	N.B.	272 95
Lower Clarke Harbour (closed 1-3-18)	N.S.	89 94
Lower Cove	N.S.	51 00
Lower Coverdale	N.B.	89 00
Lower Derby	N.B.	166 59
Lower Dominion	Yukon	5 00
Lower East Chezzetcook	N.S.	64 75
Lower East Wallace (closed 1-11-17)	N.S.	15 00
Lower Economy	N.S.	160 52
Lower Eel Brook	N.S.	18 00
Lower Escuminac	N.B.	52 55
Lower Five Islands	N.S.	245 28
Lower Flodden	P.Q.	21 00
Lower Gagetown	N.B.	126 20
Lower Greenville	N.S.	36 00

a For Revenue *see* under London Sub-offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Lower Gueguen	N.B.	79 00
Lower Gulf Shore	N.S.	60 50
Lower Hillsdale (closed 10-8-17)	N.S.	10 00
Lower Ireland	P.Q.	143 00
Lower Jordan Bay	N.S.	90 25
Lower Kingston	N.B.	94 50
Lower La Have	N.S.	118 11
Lower Meagher's Grant	N.S.	79 50
Lower Melbourne	N.S.	35 40
Lower Middle River	N.S.	10 00
Lower Millstream	N.B.	335 35
Lower Montague	P.E.I.	387 46
Lower Mount Thom	N.S.	37 20
Lower Nappan	N.B.	134 66
Lower Neguac	N.B.	380 19
Lower Newcastle	N.B.	79 75
Lower Northfield	N.S.	38 00
Lower Ohio	N.S.	73 01
Lower Onslow	N.S.	162 60
Lower Prospect	N.S.	11 00
Lower River Inhabitants	N.S.	105 02
Lower Rose Bay	N.S.	98 15
Lower St. Esprit	N.S.	38 90
Lower Sackville	N.S.	45 00
Lower Sandy Point	N.S.	90 90
Lower Sapin	N.B.	44 00
Lower Saulnierville	N.S.	179 30
Lower Selmah	N.S.	124 95
Lower Shag Harbour	N.S.	64 07
Lower Shinimecas	N.S.	56 00
Lower Ship Harbour	N.S.	169 98
Lower Ship Harbour, East	N.S.	163 70
Lower South River	N.S.	81 50
Lower Springfield	N.S.	16 00
Lower Washabuck	N.S.	30 00
Lower Wedgeport	N.S.	172 00
Lower Wentworth	N.S.	41 90
Lower West Jeddore	N.S.	112 80
Lower West Pubnico	N.S.	148 00
Lower West River	N.S.	6 00
Lower Whitehaven	N.S.	212 50
Low Moor	N.S.	11 00
Low Point	N.S.	107 00
Low Station	P.Q.	188 10
Lozells	B.C.	45 50
Lozier Settlement	N.B.	110 00
Lucasville	N.S.	22 00
Lucerne	P.Q.	61 20
Lucky Lake	Sask.	343 95
Ludlow	N.B.	300 10
Luella	Sask.	151 50
Lulu Island	B.C.	50 20
Lumsden's Mills	P.Q.	552 01
Lumsden Beach (summer office)	Sask.	32 00
Lundemo	Alberta	27 70
Lundy	N.S.	25 00
Lunnford	Alberta	90 23
Lusignan	Alberta	27 00
Lutes Mountain	N.B.	121 31
Luxton	B.C.	105 05
Luzon	Alberta	15 00
Lydiatt	Man.	119 52
Lydiard (closed 1-4-17, reopened 16-6-17)	Sask.	26 53
Lynch River	N.S.	12 00
Lyndon	Alberta	44 20
Lyn (closed 1-11-17)	N.S.	28 50
Lynnville	Ont.	163 94
Lynthorpe	Sask.	51 00
Lyttleton	N.B.	80 00
Lythmore	Ont.	103 40
Lytton	P.Q.	176 05
McAdam's Lake	N.S.	10 00
McArras Brook	N.S.	32 00
McArthurs Mills	Ont.	181 74
McAulay's	N.S.	52 50
McBean	P.Q.	43 00
McCallum's Settlement	N.S.	19 00
McCannell Wharf	P.E.I.	9 50
McClure	N.S.	69 00
McCluskey	N.B.	13 20
McCord (opened 1-6-17)	Sask.	133 20
McCormack	N.S.	39 82
McCreadyville	N.S.	20 00
McCrae (closed 11-7-17, reopened 1-10-17)	Ont.	40 00
McCracken's Landing	Ont.	90 00
McDonald Glen	N.S.	10 00
McDonald Hills	Sask.	84 00
McDonaldville	Alberta	64 20
McDougall	Ont.	102 84
McDougall Mills (opened 1-6-17)	Ont.	249 15
McEachern	Sask.	28 00
McEwan	Alberta	25 55
McFarlane Lake	Ont.	36 28
McGiveney Junction	N.B.	180 00
McGrath Cove	N.S.	59 70
McGrath Mountain	N.S.	9 00
McGregor Bay (summer office)	Ont.	30 00
McInnis Creek	Ont.	16 00
McIntosh	Ont.	122 08
McIntosh Springs	Ont.	79 00
McIntyre's Lake	N.S.	51 75
McIntyre's Mountain	N.S.	23 00
McKee's Mills	N.B.	123 10
McKendrick	N.B.	41 80
McKenzie East Bay	N.S.	16 00
McKenzie Lake	Ont.	25 00
McKinleyville	N.B.	72 82
McKinnon's Brook	N.S.	5 00
McKinnon's Harbour	N.S.	63 00
McKinnon Hill	N.B.	23 33
McLaggan	N.B.	2 00
McLaren (closed 31-1-18)	Sask.	21 00
McLaughlin	Alberta	68 00
McLaughlin Road	N.B.	76 00
McLean	Ont.	48 41
McLean	N.B.	62 50
McLeanville	N.S.	37 50
McLellan's Mountains	N.S.	19 00
McLeod Point	N.S.	25 00
McLeod Siding	N.B.	54 00
McMillan	N.B.	12 35
McMurdo	B.C.	90 30
McMurphy (closed 1-3-18)	B.C.	19 30
McMurrich	Ont.	77 92
McNab's Cove	N.S.	46 90
McNairn	N.B.	44 10
McNally	Alberta	119 00
McNaughton	N.B.	206 96
McNeill's Mills	P.E.I.	160 03
McNeill's Vale	N.S.	20 00
McNeily's	N.S.	75 50
McNutt's Island	N.S.	40 34
McPhee Corner	N.S.	87 00
McPherson	N.S.	43 00
McPherson's Ferry (closed 30-11-17)	N.S.	44 80
McPherson's Mills	N.S.	51 50
McQuade	N.B.	13 90
McTavish	Man.	186 30
McVicar	Ont.	49 70
Mabella	Ont.	54 15
Mabel Lake	B.C.	39 50
Mabou Harbour	N.S.	9 00
Mabou Harbour Mouth	N.S.	26 70
Mabou Mines	N.S.	27 36
Macalister	B.C.	81 11
MacDougall's	N.B.	188 00
Mackdale	N.S.	29 00
Mackey's Station	Ont.	189 40
MacKinnon	B.C.	19 00
Mackville	N.B.	6 00
Mackworth (opened 1-1-18)	Sask.	20 00
Macpes	P.Q.	90 00
Macross	Man.	81 00
Macville	Ont.	112 30
Madeline	Man.	24 00
Mader's Cove	N.S.	107 85
Madford	Man.	20 00
Madran	N.B.	38 00
Maeshowe	Sask.	145 00
Magnet	Man.	232 50
Magnolia	Alberta	150 51
Magpie	P.Q.	93 84
Magundy	N.B.	164 25
Magyar	Sask.	28 50
Mahaska	Alberta	85 00
Mailhiot	P.Q.	65 37

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Maillard	P.Q.	60 50
Mailloux	P.Q.	46 83
Main Centre	Sask.	308 75
Main River	N.B.	159 05
Main Stream	N.B.	25 00
Mair	Sask.	399 05
Maitland Forks	N.S.	27 25
Majorville	Alberta	161 78
Makaroff	Man.	454 75
Makepeace (opened 1-7-17)	Alberta	89 25
Makinson	B.C.	115 95
Malachi	Ont.	116 16
Malaga Gold Mines	N.S.	195 33
Malagash (closed 1-11-17)	N.S.	5 00
Malagash Centre (closed 1-17-17)	N.S.	28 00
Malagash Point (closed 1-17-17)	N.S.	53 75
Malagawatch	N.S.	36 00
Malakoff	N.B.	12 25
Malby	Sask.	45 75
Mal-Bay	P.Q.	165 00
Malden	N.B.	57 70
Malherbe (closed 4-2-18)	P.Q.	37 50
Malignant Cove	N.S.	133 15
Maliseet	N.B.	36 40
Maloy	Alberta	26 25
Malmaison	P.Q.	82 00
Malmo	Alberta	15 00
Maloneck	Sask.	17 50
Malonton	Man.	204 47
Malone	Ont.	272 08
Malta	Ont.	37 00
Maltais	N.B.	13 00
Maltempèque	N.B.	28 25
Malvern	Ont.	261 51
Malvina	P.Q.	78 55
Mamette Lake	B.C.	50 20
Manassett Lake	N.S.	45 00
Mance	Alberta	60 52
Manche d'Epée	P.Q.	60 25
Mancroft	Sask.	20 20
Manda (closed 14-7-17)	Man.	
Mandeville	Ont.	25 00
Manes	Ont.	40 45
Manfred	Alberta	65 45
Mamganese Mines	N.S.	34 00
Manigotagan	Man.	24 00
Mankota	Sask.	181 14
Manly	Alberta	20 50
Mann	P.Q.	28 00
Manna	Sask.	302 42
Manners Sutton	N.B.	363 50
Mannheim	Ont.	23 00
Manns Mountain	N.B.	20 03
Manoir Richelieu (summer office)	P.Q.	461 00
Manola	Alberta	45 20
Manotick Station	Ont.	451 46
Manresa	Sask.	61 00
Manson Creek (summer office)	B.C.	10 00
Mantario	Sask.	205 52
Manuels	N.B.	56 00
Manvers Station	Ont.	110 75
Mapes	B.C.	95 20
Maple Brook	N.S.	15 70
Mapleburg	N.B.	56 48
Maple Grove	P.Q.	181 38
Maple Glen	N.B.	88 10
Maple Green	N.B.	19 50
Maple Grove	N.S.	64 00
Maple Hill	Ont.	22 00
Maple Island	Ont.	91 70
Maple Lake	Ont.	246 70
Maple Lake Station	Ont.	270 00
Maple Leaf (opened 1-5-17)	Ont.	137 12
Maple Ridge	N.S.	6 00
Maple View	N.B.	51 05
Mar	Ont.	148 25
Marble Bluff	Ont.	9 45
Marble Ridge	Man.	79 06
Marcelville	N.B.	49 00
Marchand	Man.	161 77
Marchantgrove	Sask.	37 10
Marchbank	N.B.	36 00
Marchildon	P.Q.	50 55
Marcil	P.Q.	96 51
Marco	Man.	55 00
Margaree Ford	N.S.	7 00
Margaree Island	N.S.	4 00
Margaret	Man.	643 75
Margate	P.E.I.	135 05
Maria Capes	P.Q.	143 17
Maria de Kent	N.B.	36 00
Maria East	P.Q.	214 05
Mariahilf (closed 7-12-17)	Sask.	10 00
Marie Joseph	N.S.	349 41
Marienthal	Sask.	30 50
Marier	P.Q.	309 25
Marieton	Sask.	63 50
Marieval	Sask.	89 20
Marigold	B.C.	287 50
Marine Heights	B.C.	198 73
Marion (closed 1-10-17)	P.Q.	5 00
Marion Bridge Road	N.S.	8 00
Marionville	Ont.	185 95
Marius	Man.	40 20
Mark Crossing	P.Q.	112 00
Markhamville	N.B.	45 95
Markland	Man.	33 40
Marklee (closed 1-5-17)	Sask.	
Marlin	Sask.	36 00
Marlow	P.Q.	63 75
Marney	Man.	38 00
Marriott's Cove	N.S.	168 55
Marriott	Sask.	73 10
Marron Lake	B.C.	24 54
Marrtown	N.B.	30 00
Marsboro	P.Q.	96 00
Marsden	Sask.	266 02
Marsh	N.S.	11 00
Marshall's Town	N.S.	123 25
Marshes (West Bay)	N.S.	36 00
Marshville	N.S.	43 95
Marshy Hope	N.S.	88 15
Marsouins	P.Q.	109 55
Martel	P.Q.	92 30
Martel Corners	Ont.	75 00
Marter	Ont.	51 53
Martigny	P.Q.	30 00
Martin Brook	N.S.	52 50
Martindale	P.Q.	78 75
Martineau	P.Q.	30 20
Martin's	N.B.	53 40
Martins	Alberta	18 00
Martins Head	N.B.	22 00
Martin's Lake	P.Q.	61 20
Martin Siding	Ont.	145 26
Martin's Point	N.S.	239 60
Martin's River	N.S.	264 71
Martock	N.S.	84 05
Marvelville	Ont.	137 00
Marvin	N.B.	10 00
Marwayne	Alberta	50 02
Marx	Sask.	8 00
Marydale	N.S.	15 00
Mary Hill	Man.	73 62
Mary Lake	Alberta	39 75
Maryvale	N.S.	15 50
Mascarene	N.B.	33 77
Masinasin	Alberta	147 88
Maskawata	Man.	19 00
Maskinonge	P.Q.	103 00
Mason Point	N.S.	8 00
Masonville	Sask.	6 00
Massé (opened 1-10-17)	P.Q.	33 00
Mass Town	N.S.	188 60
Matapedia West	P.Q.	38 06
Matawatchan	Ont.	247 00
Matheson	N.S.	30 20
Mathews Crossing	Alberta	14 50
Mathieu	P.Q.	29 00
Mattatail Lake	N.S.	30 75
Mattice	Ont.	102 70
Mattie	N.S.	39 50
Maughan	Alberta	40 25
Maunders	Alberta	32 00
Mavilette	N.S.	278 50
Maxston	Sask.	46 00
Mawcook	P.Q.	30 00
Maxwell	N.B.	79 70

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Maxwelton	Sask.	19 65
Maxwelton Station	N.S.	15 00
Mayberry	Sask.	105 75
Maybridge	Alberta	19 57
Maybutt	Alberta	387 50
Mayeroft	Alberta	135 20
Mayerthorpe	Alberta	116 90
Mayfield Station	Man.	334 25
Mayfield	N.S.	47 00
Mayflower	N.S.	62 00
Maynooth Station	Ont.	569 84
Mayo	P.Q.	120 42
Maypole	Sask.	35 15
Mayo Landing	Yukon	214 00
Mayview	Sask.	11 80
Mazama	B.C.	44 75
Mazeppa	Alberta	350 60
Meacham	Sask.	861 78
Meach Lake	P.Q.	77 00
Meadow	N.S.	14 00
Meadow	N.B.	37 00
Meadow Bank	Sask.	46 45
Meadowbrook	Alberta	48 50
Meadow Creek	Alberta	104 60
Meadow Lake	Sask.	204 70
Meadows	Man.	165 50
Meadow Springs	N.S.	20 01
Meadows Road	N.S.	30 06
Meadowvale	Man.	55 70
Meadowvale	N.S.	13 00
Meadowville Station	N.S.	375 57
Meadowview	Alberta	61 00
Meagher's Grant	N.S.	349 97
Meat Cove	N.S.	25 00
Meanook	Alberta	261 06
Meath Park	Sask.	12 03
Meaux	P.Q.	25 50
Mechanic's Settlement	N.B.	85 00
Mechanicsville	Ont.	45 50
Medford	N.B.	68 42
Medstead	Sask.	183 50
Meeting Lake	Sask.	70 00
Meiklefield	N.S.	30 00
Meiseners	N.S.	42 90
Mekiwin	Man.	52 55
Melanson	N.S.	166 66
Melbourne	Man.	37 17
Meldrum Bay	Ont.	225 51
Meleb	Man.	463 00
Melford	N.S.	96 59
Melissa	Ont.	31 50
Mellon	Alberta	21 00
Mellowdale	Alberta	120 75
Melocheville	P.Q.	140 00
Melrose	N.S.	91 20
Melrose	Man.	60 00
Melrose Hill	N.S.	20 00
Melton	Man.	82 75
Melville	Ont.	100 00
Memel	N.B.	20 25
Memramcook East (closed 1-11-17)	N.B.	46 00
Memramcook West	N.B.	389 17
Menard	P.Q.	107 40
Menisiao	Man.	111 10
Mennon	Sask.	273 48
Menteith	Man.	102 50
Menzie	Man.	167 10
Mercer (closed 15-2-18)	N.B.	12 00
Mercier	P.Q.	64 46
Mere	Alberta	32 72
Merivale	Ont.	57 34
Merland	N.S.	17 00
Merl Bluff	Alberta	10 00
Mermaid Farm	P.E.I.	36 00
Merna	Alberta	53 70
Merridale	Man.	91 50
Merryflat	Sask.	69 90
Merryland (closed 15-9-17)	Alberta	4 58
Merton	Ont.	113 02
Meskanaw	Sask.	112 80
Methven	Man.	314 05
Meteghan Centre	N.S.	186 52
Meteghan Station	N.S.	251 75
Meteor	Sask.	65 50
Metlakatla	B.C.	41 31
Meyersburg	Ont.	90 20
Mézières	Man.	20 50
Michaud	N.B.	46 51
Michaudville	P.Q.	87 00
Michener (closed 1-11-17)	Alberta	14 00
Michipicoten River	Ont.	170 08
Micksburg	Ont.	253 03
Micmac Gold Mines	N.S.	8 25
Middle Barney's River	N.S.	32 80
Middleboro'	N.S.	64 45
Middle Cape	N.S.	34 00
Middle Caraquet	N.B.	169 39
Middle Church	Man.	351 70
Middle Clyde River	N.S.	32 00
Middle Country Harbour	N.S.	64 35
Middle Coverdale	N.B.	24 00
Middle East Pubnico	N.S.	182 25
Middlefield	N.S.	85 95
Middle Greenfield	N.B.	29 00
Middle Kouchibougnac	N.B.	43 35
Middle Lake	Sask.	26 25
Middle La Have Ferry	N.S.	174 85
Middle Manchester	N.S.	86 90
Middlemarch	Ont.	76 95
Middlemiss	Ont.	293 20
Middle Ohio	N.S.	57 00
Middleport	Ont.	353 00
Middle Porter's Lake	N.S.	29 00
Middle River	N.S.	134 63
Middle River Centre	N.S.	21 00
Middle Ste. Louise	N.B.	58 00
Middle Sackville	N.S.	13 20
Middlesboro	B.C.	346 00
Middleton	N.S.	17 00
Middlewood	N.S.	111 55
Midford	Ont.	64 75
Midgell	P.E.I.	160 00
Midgic Station	N.B.	333 80
Midlandvale (opened 1-12-17)	Alberta	103 65
Mid Lothian	Ont.	56 95
Mid Lothian Wharf (summer office)	Ont.	115 10
Midnight Lake	Sask.	132 30
Midville Branch	N.S.	81 55
Midway	N.B.	48 15
Miguasha	P.Q.	57 30
Miguasha West	P.Q.	15 05
Milford	N.S.	67 17
Milford	N.B.	301 80
Milford Bay	Ont.	512 25
Milford Haven	Ont.	101 50
Milford Haven Bridge	N.S.	11 00
Militia Point	N.S.	21 00
Milkish	N.B.	50 70
Millanville (closed 18-6-17)	P.Q.	10 10
Millar	Ont.	111 90
Millar Hill	Ont.	95 01
Millbank	N.B.	91 37
Mill Brook	N.S.	45 00
Millbrook	Man.	49 49
Millburn (closed 1-5-17)	N.S.	
Mill Cove	N.S.	177 50
Mill Cove	N.B.	101 21
Mill Creek	N.S.	40 00
Mill Creek	Man.	64 00
Milledgeville	N.B.	*a*
Millerand	Ont.	34 43
Millerfield	Alberta	75 51
Miller Lake	Ont.	46 50
Millers Bay	Ont.	5 00
Milleton	Sask.	45 70
Mille Vaches	P.Q.	274 84
Millfield	P.Q.	71 30
Millicent	Alberta	717 07
Million	Man.	175 17
Mill Road	N.S.	40 00
Millstream	P.Q.	86 60
Millstream	N.B.	167 85
Millstream	B.C.	400 78
Millsville	N.S.	180 09
Mill Valley	Ont.	27 40

a For Revenue *see* under St. John, N.B., Sub-Offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Millville	N.S.	274 76
Millville-Boularderie	N.S.	118 00
Milly	Sask.	267 54
Milnerton	Alberta	50 00
Milnet	Ont.	790 25
Milnikek	P.Q.	163 01
Milo	Alberta	119 00
Milton Heights	Ont.	174 10
Milton Station	P.E.I.	232 50
Mimenegash	P.E.I.	114 00
Minahico	Ont.	54 70
Minasville	N.S.	133 99
Mincola	B.C.	155 35
Minda (closed 1-5-17)	Alberta	10 00
Mine Centre	Ont.	314 25
Mine de Mica	P.Q.	59 42
Mineral	N.B.	40 75
Mineral Rock	N.S.	11 00
Miners Bay	Ont.	83 27
Mineville	N.S.	30 00
Mingan	P.Q.	45 15
Ministik Lake	Alberta	20 3
Minnehaha	Sask.	115 50
Minnie Lake	Sask.	114 80
Mink Cove	N.S.	97 35
Mink Creek	Man.	64 09
Minnehik	Alberta	32 02
Minnewakan	Man.	54 09
Minnicoganashene	Ont.	188 00
Minnitaki	Ont.	118 95
Minto Bridge	Yukon	58 45
Minudie	N.S.	144 59
Miocene	B.C.	45 00
Mira Gut	N.S.	288 87
Mira Road	N.S.	5 00
Miramichi	N.S.	22 00
Miron	P.Q.	37 54
Mirror Lake	B.C.	182 15
Mirror Landing	Alberta	170 54
Miscou Centre	N.B.	156 85
Miscouche	P.E.I.	580 87
Miscou Harbour	N.B.	117 03
Miscou Lighthouse	N.B.	45 40
Miscou Plains	N.B.	37 00
Misère	P.Q.	54 50
Mispec	N.B.	54 65
Mississippi Station	Ont.	195 70
Mission Saint Louis	P.Q.	43 00
Mississagi	Ont.	45 25
Missoula	P.Q.	46 30
Mistatim (reopened 1-11-17)	Sask.	80 16
Mistawasis	Sask.	320 00
Mitchell Bay	N.S.	12 00
Mitchell's Bay	Ont.	82 50
Mitchell Settlement	N.B.	4 00
Mitchell Station	P.Q.	183 65
Mitchellview	Sask.	34 35
Mizonette	N.B.	135 05
Mizpah	Alberta	113 55
Moffatt	Sask.	121 65
Model Farm	Sask.	50 20
Moe's River	P.Q.	121 74
Moha	B.C.	15 00
Moirvale	Sask.	25 00
Moisie	P.Q.	115 59
Molewood	Sask.	58 50
Molson	Man.	500 00
Monchy (opened 1-7-17)	Sask.	66 93
Monck	Ont.	166 89
Moncrieff	Ont.	160 26
Moncton Road	N.B.	17 95
Moncton, Sub-Office No. 2	N.B.	*a*
Moncton, Sub-Office No. 3	N.B.	*a*
Monetville	Ont.	201 53
Monk Road	Ont.	34 00
Monk's Head	N.S.	23 20
Monnery	Sask.	51 70
Monominto	Man.	144 22
Monsell	Ont.	19 00
Montague Gold Mines	N.S.	33 00
Montague Ronde	P.Q.	43 00
Montalembert	P.Q.	60 02
Montcalm	P.Q.	106 00
Montcalm Mills	P.Q.	86 00
Monteagle	N.B.	24 00
Monteagle Valley	Ont.	207 50
Monte Creek	B.C.	489 55
Montigny	P.Q.	57 00
Mont Louis	P.Q.	359 00
Montmorency, East	P.Q.	110 60
Mont Nebo	Sask.	49 70
Montreal, Ahuntsic	P.Q.	*b*
Montreal, St. Denis Street	P.Q.	*b*
Montreal, Beaudoin Street	P.Q.	*b*
Montreal, Bordeaux	P.Q.	*b*
Montreal, Cote St. Michel	P.Q.	*b*
Montreal, Parc Lafontaine (reopened 23-8-17)	P.Q.	*b*
Montreal, Park Avenue Ext.	P.Q.	.....
Montreal, Sub-Office No. 17 (reopened 26-9-17)	P.Q.	*b*
Montreal, Sub-Office No. 18 (reopened 12-3-17)	P.Q.	.....
Montreal, Sub-Office No. 26	P.Q.	*b*
Montreal, Sub-Office No. 29	P.Q.	.....
Montreal, Sub-Office No. 33	P.Q.	*b*
Montreal, Sub-Office No. 49	P.Q.	*b*
Montreal, Sub-Office No. 61 (closed 10-10-17)	P.Q.	*b*
Montreal, Sub-Office No. 68	P.Q.	*b*
Montreal, Sub-Office No. 94	P.Q.	*b*
Montreal, Sub-Office No. 99, Councillor Street	P.Q.	*b*
Montreal, Sub-Office No. 101	P.Q.	*b*
Montreal, Sub-Office No. 105	P.Q.	*b*
Montreal, Sub-Office No. 108 (opened 28-3-17)	P.Q.	*b*
Montreal, East (closed 31-8-17)	P.Q.	*b*
Montreal, South	P.Q.	*b*
Montreal Lake	Sask.	18 34
Montrose	N.S.	164 84
Montroy (summer office)	P.Q.	25 00
Mont St. Hilaire	P.Q.	205 70
Mont St. Pierre	P.Q.	54 61
Monvel	Alberta	27 50
Moonbeam	Ont.	188 50
Moon Falls	Ont.	47 95
Moon Hills	Sask.	37 80
Moonstone	Ont.	297 25
Moor Lake Station	Ont.	164 87
Moose Bay	Man.	50 20
Moose Brook	N.S.	65 75
Moosehead	N.S.	77 65
Moose Hill	Ont.	36 25
Moosehorn	Man.	603 66
Mooseland	N.S.	61 80
Moose Lake	Man.	12 00
Moose Mountain	N.B.	57 00
Moose Range	Sask.	133 95
Moose River, Pictou	N.S.	36 00
Moose River, Cumberland	N.S.	34 70
Moose River Gold Mines	N.S.	114 09
Moose Valley	Sask.	71 00
Mooswa	Alberta	163 00
Moran	N.B.	55 95
Morar	N.S.	28 00
Moreau	P.Q.	34 10
Morehead	P.Q.	65 48
Moreland	Sask.	289 55
Morganville	N.S.	50 50
Morigeau	P.Q.	77 50
Morin	P.Q.	43 00
Morinus	Ont.	186 00
Morisset Station	P.Q.	403 65
Morley	Alberta	411 50
Morris	P.Q.	25 00
Morrisdale	N.B.	97 95
Morris Island	N.S.	29 00
Morrison	N.S.	14 00
Morrison Lake	Ont.	40 00
Morrison Station	P.Q.	45 00
Morrissey	B.C.	851 61

a For Revenue *see* under Moncton, N.B., Sub-Offices.
b For Revenue *see* under Montreal Sub-Offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Morristown	N.S.	35 55
Morrisville	Ont.	64 33
Morson	Ont.	111 21
Mortimer's Point	Ont.	152 00
Mortonmoor	Alberta	38 98
Morton's Corners	N.S.	31 00
Morvan	N.S.	21 00
Morwena	Man.	20 70
Morwick	Sask.	28 20
Mosborough	Ont.	40 11
Mosher's Corner	N.S.	52 38
Mosherville	N.S.	216 84
Moss Glen	N.B.	103 39
Mosside	Alberta	206 35
Mossleigh	Alberta	193 90
Mossman's Grant	N.S.	183 00
Mosten	Sask.	70 75
Motherwell	Ont.	152 70
Mouliee's River	N.B.	201 86
Moulin Beaupré (closed 2-11-17)	P.Q.	46 50
Moulin Bersimis	P.Q.	63 82
Moulin Tardif (closed 21-8-17)	P.Q.	19 10
Moulin Vallière	P.Q.	21 00
Mound	Alberta	189 55
Mountain Brook	N.B.	93 70
Mountain Dale	N.B.	36 00
Mountain House	Alberta	141 35
Mountain Road	Man.	142 75
Mountainside	Man.	221 00
Mountain View	Ont.	178 50
Mount Albion	Ont.	25 00
Mount Auburn	N.S.	45 55
Mount Borden	N.S.	15 00
Mount Chesney	Ont.	58 50
Mount Denison	N.S.	251 80
Mount Green	Sask.	65 00
Mount Hanly	N.S.	164 60
Mount Irwin	Ont.	70 10
Mount Julien	Ont.	276 85
Mount Kinsella	P.Q.	38 20
Mount Loyal	P.Q.	49 70
Mount Macdonald (reopened 2-7-17)	Ont.	8 75
Mount Murray	P.Q.	183 00
Mount Oscar	P.Q.	77 25
Mount Prospect	N.B.	15 50
Mount Robson	P.Q.	27 21
Mount Rose	N.S.	55 44
Mount Royal	Man.	16 50
Mount Ryan	P.E.I.	43 10
Mount St. Louis	Ont.	286 55
Mount St. Patrick	Ont.	222 21
Mountsberg	Ont.	58 20
Mount Stephen	Ont.	66 25
Mount Thom	N.S.	56 25
Mount Tolmie	B.C.	326 70
aMount Vernon	Ont.	102 57
Mount Vernon	P.E.I.	34 00
Mount View	N.B.	38 00
Mountville	N.B.	35 00
Mount Young	N.S.	20 00
Mouth of Jemseg	N.B.	181 15
Mowat Station (closed 1-11-17)	Ont.	184 47
Mowat Island (summer office)	Ont.	15 00
Moyerton	Alberta	96 00
Muddy Creek (closed 21-11-17)	P.E.I.	49 45
Muhlbach	Alberta	40 00
Muirhead	Alberta	7 00
Mulga	Alberta	34 00
Mulhurst	Alberta	67 70
Mull	Ont.	389 20
Mull River	N.S.	27 00
Mulligan Ferry	P.Q.	30 27
Mullingar	Sask.	246 43
Mullraney	Sask.	345 00
Mulock	Sask.	28 50
Mundleville	N.B.	94 00
Muniac	N.B.	183 40
Munro	Ont.	219 00
Munroe's Bridge	N.S.	44 50
Murchison	Man.	30 00
Murchyville	N.S.	36 00
Murphy	Ont.	38 00
Murphy	N.S.	17 00
Murphy Cove	N.S.	157 62
Murray	N.S.	42 10
Murraydale	Sask.	74 25
Murray Park	Man.	26 50
Murray Road	N.B.	56 40
Muskoka Falls	Ont.	118 75
Murray Valley	Alberta	27 00
Musclow	Ont.	54 24
Mushaboom	N.S.	104 25
Musidora	Alberta	60 15
Musquash	N.B.	308 80
Mussel	Alberta	38 40
Musselyville	P.Q.	65 59
Mutrie	Sask.	91 60
Mutton Bay	P.Q.	27 70
Myer's Cave	Ont.	41 00
Myer's Point	N.S.	11 00
Myleen	Alberta	34 25
Myncaster	B.C.	41 35
Myrtle	Ont.	310 68
Myrtle Creek	Alberta	268 90
Myrtle Point	B.C.	401 40
Naas Harbour	B.C.	137 05
Nadeau	N.B.	15 49
Nadeauville	Sask.	236 50
Naden Harbour (closed 1-7-17)	B.C.	
Nadu River	B.C.	24 50
Naev Meehal	Ont.	11 00
Nahma	Ont.	10 00
Nahun (closed 15-7-17)	B.C.	5 00
Nahwitti	B.C.	27 50
Nakamun	Alberta	44 25
Namu	B.C.	335 64
Nappan	N.S.	49 70
Napudogan	N.B.	335 01
Narol	Man.	91 00
Nashlyn	Sask.	73 50
Nashton	B.C.	60 00
Nashwaak Bridge	N.B.	381 61
Nashwaakis Valley (closed 1-11-17)	N.B.	4 00
Natagan River (opened 1-8-17)	P.Q.	232 06
Natashquan	P.Q.	128 75
Nateby	Alberta	134 47
Nathella	Alberta	39 25
Natika	Sask.	19 00
Naud	P.Q.	30 00
Naughton	Ont.	125 19
Naughton Glen	Alberta	85 02
Nauwigewauk	N.B.	193 64
Navarre	P.Q.	10 23
Nazko	B.C.	22 00
Nealdale	Sask.	72 00
Nebo	Ont.	67 50
Nechacco (closed 1-9-17)	B.C.	12 20
Necum Teuch	N.S.	169 80
Nedelac	P.Q.	81 10
Neerlandia	Alberta	76 75
Neidpath	Sask.	176 25
Neigette	P.Q.	21 25
Neilburg	Sask.	73 50
Neil's Harbour	N.S.	237 86
Nellie Lake	Ont.	145 14
Neilsonville (closed 1-3-18)	P.Q.	409 15
Nelson Reserve	N.B.	35 25
Nemegos	Ont.	153 77
Neola	Sask.	31 00
Neosho	Sask.	50 45
Nerepis Station	N.B.	125 23
Nerissa	N.S.	10 00
Nes	Man.	70 75
Nesbitt Corners	P.Q.	24 52
Nesham	Sask.	15 00
Nesto	Ont.	274 86
Nestow	Alberta	65 00
Netherton	Sask.	10 00
Nettly Lake	Man.	40 00
Neuchatel	Alberta	70 90
Neutral Hills	Alberta	64 00
Neutral Valley	Alberta	33 90
Neveton	Man.	67 15

(a) Reopened 1-5-17.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
New Albany	N.S.	167 90
Newaygo, summer office (opened 15-6-17)	P.Q.	45 00
Newbank	Sask.	95 10
Newbliss	Ont.	131 75
New Boston	N.S.	2 00
Newboyne	Ont.	84 53
New Brigden	Alberta	138 60
Newbrook (opened 1-6-17)	Alberta	76 97
Newburg	Alberta	72 05
Newburg Junction	N.B.	276 96
Newburn	N.S.	28 75
New Canaan	Ont.	100 00
New Canada	N.S.	112 20
New Carlisle West	P.Q.	128 95
New Carlow	Ont.	119 28
Newcastle Bridge	N.B.	433 90
Newcastle Centre	N.B.	14 00
New Chester	N.S.	33 00
Newcomb	N.S.	88 22
Newcomb Corner	N.S.	91 10
New Cornwall	N.S.	130 10
New Credit	Ont.	22 50
New Cumberland	N.S.	45 00
New Denmark	N.B.	101 75
New Edinburgh	N.S.	133 75
Newellton	N.S.	292 53
New Elm	N.S.	16 00
Newfield	Ont.	23 03
New Finland	Sask.	23 40
New Flos	Ont.	136 55
New Gairloch	N.S.	58 75
New Grafton	N.S.	165 15
New Harbour, West	N.S.	149 52
New Harris	N.S.	24 00
New Harris Forks	N.S.	31 00
New Haven	N.S.	204 84
New Hill	Alberta	60 10
Newholm	Ont.	91 71
New Holme	Sask.	82 64
New Horton	N.B.	53 75
New Ireland	P.Q.	67 70
New Jersey	N.B.	82 09
New Jerusalem	N.B.	125 65
Newlands Station	B.C.	166 95
Newlands	Sask.	62 50
New Lindsay	Alberta	62 00
New Lunnon	Alberta	42 33
Newmarket	N.B.	41 00
New Osgoode	Sask.	80 10
Newport	Ont.	71 70
Newport	P.Q.	252 00
Newport Corner	N.S.	132 25
Newport, Lot 54	P.E.I.	143 80
Newport Station	N.S.	428 50
New Prospect	N.S.	4 00
New River Station	N.B.	62 85
New Rockland	P.Q.	121 00
New Ross Road	N.S.	47 00
New Russell	N.S.	53 50
New Salem	N.S.	173 12
New Sarepta	Alberta	240 92
New Sarum	Ont.	189 00
New Scotland	N.B.	41 70
Newton Station	B.C.	261 73
Newton Mills	N.S.	240 33
Newton Siding	Man.	216 45
Newtonville	N.S.	47 00
New Town	N.S.	82 58
New Town	N.B.	413 00
Newtown Cross	P.E.I.	124 90
New Tusket	N.S.	252 46
New Ufford (closed 15-12-17)	Sask.	7 00
New Victoria	N.S.	106 59
Newville	N.S.	202 60
New Yarmouth	N.S.	18 00
Nichabau	P.Q.	48 78
Nichol	B.C.	88 53
Nicholson	B.C.	33 25
Nickelton	Ont.	409 39
Nicolet Falls	P.Q.	62 44
Nictau	N.B.	78 30
Nictaux South	N.S.	5 00
Nictaux West	N.S.	83 00
Nigado	N.B.	156 50
Nile	Ont.	174 75
Nilestown	Ont.	178 00
Nilrem	Alberta	60 00
Nine Mile Creek	P.E.I.	30 75
Nine Mile River	N.S.	184 00
Ninevah	N.S.	66 00
Niobe	Alberta	40 25
Nipawin	Sask.	223 00
Nipissing Junction	Ont.	108 60
Nisbet	Alberta	32 50
Niverville	Man.	509 81
Nixon	Ont.	286 00
Nixon	N.B.	20 50
Nobleville (reopened 1-10-17)	Sask.	25 00
Noel Road	N.S.	132 50
Noel Shore	N.S.	91 00
Nogies Creek	Ont.	180 25
Nolalu	Ont.	246 79
Nora	Sask.	134 50
Nootka	B.C.	208 94
Norbury	Sask.	97 75
Nordin	N.B.	141 75
Norgate	Man.	197 70
Norge	Sask.	40 00
Norham	Ont.	339 01
Normandale	Ont.	211 47
Normandeau	Alberta	47 15
Normandie	N.B.	54 00
Norris Lake	Man.	13 25
North Ainslie	N.S.	40 00
North Alton	N.S.	27 00
Northam	P.E.I.	125 00
North Bloomfield	N.S.	26 00
North Bonaparte (closed 3-12-17)	B.C.	42 50
North Branch	Ont.	58 15
North Bruce	Ont.	344 25
North Bulkley	B.C.	83 09
North Buxton	Ont.	231 79
North Cardigan (closed 1-11-17)	N.B.	16 45
North Clones (closed 15-2-18)	N.B.	23 45
Northcote	Ont.	236 71
North Earltown	N.S.	28 55
North East Harbour	N.S.	179 92
North East Mabou	N.S.	9 00
North East Margaree	N.S.	303 68
North East Point	N.S.	135 77
North End (closed 1-3-18)	Sask.	92 95
North Esk Boom	N.B.	41 50
Northern Valley	Alberta	63 00
Northfield	N.B.	22 05
Northfield	N.S.	106 75
Northfield, Queens	N.S.	49 50
Northfield Farm (closed 15-8-17)	P.Q.	7 50
North Fork	Alberta	122 77
North Framboise	N.S.	31 40
North Gabriola	B.C.	86 02
North Gore	P.Q.	25 00
North Grant	N.S.	17 00
North Greenville	N.S.	108 50
North Gut, St. Ann's	N.S.	26 05
North Harbour, Cape North	N.S.	16 00
North Highlands	N.S.	13 00
North Intervale	N.S.	49 00
North Kamloops (closed 31-8-17)	B.C.	8 00
North Kemptville	N.S.	81 00
North Keppel	Ont.	216 66
North Kingston	N.S.	109 43
North Lake	N.B.	113 81
Northleigh	Alberta	12 50
North Low	P.Q.	103 44
North Malden	Ont.	222 00
North Meiklefield	N.S.	49 00
North Middleboro	N.S.	42 00
Northminster	Sask.	26 15
North Mountain	N.S.	16 50
North Ogden	N.S.	22 00
North Range Corner	N.S.	200 45
North Renous	N.B.	45 88
North River	P.E.I.	128 20
North River	N.S.	92 00
North River Bridge	N.S.	270 00
North River Centre	N.S.	36 20
North Riverside	N.S.	6 00

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.	Name of Post Office.	Province.	Revenue.
		$ cts.			$ cts.
North Rustico	P.E.I.	290 50	Old Chelsea	P.Q.	111 60
North Séguin	Ont.	124 74	Old Fort Bay	P.Q.	20 00
North Shore (closed 1-11-17)	N.S.	44 00	Old Harry	P.Q.	47 20
North Shore, Cumberland	N.S.	18 22	Old Lake Road	P.Q.	140 00
Northside	Sask.	71 95	Old Wives	Sask.	52 75
North Star	Man.	53 50	Olga	Sask.	43 50
North Transcona	Man.	114 75	Olha	Man.	67 00
North Vermilion	Alberta.	44 50	Olinville	N.B.	32 25
Northview	N.B.	76 70	Oliphant	Ont.	220 00
North Wallace	N.S.	24 00	Oliver (closed 1-5-17)	N.S.	.....
North West	N.S.	48 00	Oliver (closed 31-1-18)	Sask.	34 00
North West Arm	N.S.	59 50	Olscamp	P.Q.	75 25
North West Bridge	N.B.	250 27	Olsen Creek	Alberta.	42 75
North West Cove	N.S.	49 00	Olsen Lake	B.C.	34 55
North West Harbour	N.S.	83 29	Olson	Sask.	6 00
North Whitton	P.Q.	25 00	O'Malley	Sask.	62 55
North Winchester	Ont.	50 50	Omer	P.Q.	72 14
North Wolfestown	P.Q.	34 20	Ompah	Ont.	207 30
Norton Dale	N.B.	37 50	O'Neil	N.B.	9 00
Nortonville	Ont.	17 00	Onefour	Alberta.	29 56
Norval Station	Ont.	165 00	100 Mile House	B.C.	133 55
Norway Bay (summer office)	P.Q.	249 50	Onslow Corners	P.Q.	269 81
Norway House	Man.	266 65	Onslow Mountain	N.S.	39 30
Norwood	N.S.	85 25	Onslow Station	N.S.	124 67
Nosbonsing	Ont.	49 88	Ootsa Lake	B.C.	45 75
Notre Dame	N.B.	373 76	Opal	Alberta.	243 00
Notre Dame de la Doré (closed 5-2-18)	P.Q.	33 41	Ophir	Ont.	175 53
Notre Dame de l'Ile Vert	P.Q.	119 74	Orangedale, East	N.S.	24 05
Notre Dame de la Merci	P.Q.	76 91	Oranmore	Ont.	49 92
Notre Dame de Pierreville	P.Q.	375 25	Orbindale	Alberta.	38 20
Notre Dame des Quinze	P.Q.	49 00	Orchard Beach (summer office)	Ont.	255 00
Notre Dame du Lac	Ont.	55 00	Orient	Ont.	51 00
Notre Dame du Lac Station	P.Q.	177 00	Orient Bay	Ont.	63 25
Nouvelle	P.Q.	226 00	Orland	Ont.	188 34
Noyes Crossing	Alberta.	92 49	Ormiston	Sask.	147 70
Nugent	Alberta.	57 50	Ormsby	Ont.	282 94
Nummola	Sask.	20 00	Ormside	Sask.	19 25
Nunebor	Sask.	67 90	Orpington	Sask.	43 50
Nut Lake	Sask.	91 45	Orr Lake	Ont.	104 30
Nuttby	N.S.	52 00	Orrwold	Man.	62 00
Nyanza	N.S.	237 00	Ortonville	N.B.	69 80
			Orvilton	Alberta.	19 00
Oak Bay	N.B.	192 50	Orwell Cove	P.E.I.	201 95
Oak Bay Mills	P.Q.	240 25	Osaca	Ont.	145 59
Oak Bluff	Man.	216 71	Osborne	Man.	133 00
Oakbrae	Man.	26 05	Oso Station	Ont.	225 85
Oakdale	Ont.	161 33	Ospringe	Ont.	263 67
Oakfield	N.S.	140 50	Ostrander	Ont.	241 30
Oakhill	N.B.	103 17	Ostrea Lake	N.S.	168 05
Oak Lake	Ont.	43 00	O'Sullivan (summer office)	Ont.	110 00
Oakland	N.S.	47 00	Oswald	Man.	65 05
Oakland	Man.	245 63	Otis	P.Q.	57 53
Oakley (closed 1-9-17)	Sask.	5 00	Ottawa Brook	N.S.	108 90
Oakner	Man.	301 20	Ottawa, Sub-Office No. 3	Ont.	*a*
Oaknook	Man.	17 00	Ottawa, Sub-Office No. 15	Ont.	*a*
Oak Park	N.S.	62 20	Ottawa, Sub-Office No. 17	Ont.	*a*
Oak Ridges	Ont.	203 25	Ottawa, West	Ont.	365 50
Oakshela	Sask.	186 00	Otter (closed 1-11-17)	B.C.	121 00
Oakview	Man.	43 00	Otter Brook	N.S.	124 50
Oatfield	Man.	115 20	Otter Creek	Ont.	19 10
Oba	Ont.	135 14	Otter Lake	P.Q.	541 02
Oban	N.S.	39 01	Otter Point	B.C.	95 15
Oban Station	Sask.	176 50	Otterton (closed 30-11-17)	Sask.	.....
Oceanic	B.C.	67 20	Otto	Man.	132 02
Ocean Park (summer office, opened 1-7-17)	B.C.	40 00	Otty Glen	N.B.	65 75
Ocean View	P.E.I.	97 80	Ouananiche	P.Q.	5 00
O'Connell	P.Q.	19 00	Ouelletteville	Alberta.	130 00
O'Connell	Ont.	101 75	Ouellette	Ont.	162 31
Odanak	P.Q.	170 57	Ouimet	Ont.	180 50
Oconto	Ont.	82 00	Outer Island of Port Hood	N.S.	2 00
Odell River	N.B.	166 00	Outlet	Ont.	46 00
Odin	N.S.	29 20	Outlook	Ont.	32 00
O'Farrell	P.Q.	66 30	Outram	N.S.	47 50
Ogden	N.S.	50 08	Overland	Sask.	177 52
Ogilvie	N.S.	15 00	Owenbrook	Ont.	62 44
Ogilvie Station	Man.	237 97	Owl Creek (late Pemberton Meadows, 1-4-17)	B.C.	49 51
Ohio	N.S.	38 20	Owls Eye Lake	Alberta.	61 52
Ojibway	Ont.	353 50	Owl's Head Harbour	N.S.	148 72
Ojibway Island (summer office)	Ont.	319 20	Owoju	Man.	24 00
Okanagan	B.C.	17 00	Oxarat	Sask.	7 50
Okno	Man.	84 55	Oxbow	N.B.	138 38
Oldbury	Sask.	100 70	Oxenden	Ont.	183 20

a For Revenue *see* under Ottawa Sub-Offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Oxford Junctioa	N.S.	416 00
Oxville	Alberta	74 00
Ozerna	Man.	63 85
Oyster Bed Bridge	P.E.I.	161 40
Oyster Ponds	N.S.	120 50
Ozanam	P.Q.	82 88
Pabos Mills	P.Q.	169 11
Pacific (reopened 1-8-17)	B.C.	77 97
Pacific Junction	Man.	62 80
Packington	P.Q.	51 74
Paddle River	Alberta	134 63
Paddling Lake	Sask.	13 00
Paddockwood	Sask.	98 00
Padstow	Alberta	55 75
Paimpol (closed 1-5-17)	P.Q.	
Painchaud	P.Q.	117 00
Paincourt	Ont.	420 55
Painsec	N.B.	43 00
Painswick	Ont.	254 38
Paisley Brook	Sask.	75 25
Pakesley (opened 3-8-17)	Ont.	380 85
Palm Bay	Alberta	27 75
Pandora	Alberta	284 57
Panmure	Ont.	78 00
Papineau	P.Q.	19 00
Paquette Station	Ont.	293 49
Paquetville	N.B.	237 99
Paradis	P.Q.	109 19
Paradis Bay	Ont.	36 25
Paradise Hill	Sask.	196 00
Paramé	P.Q.	118 15
Paré	P.Q.	75 45
Parents	N.B.	85 50
Paris	Yukon	30 00
Park	Sask.	38 25
Parkersville	Ont.	103 25
Park Bluff	Sask.	70 65
Park Court	Alberta	46 00
Parkdale (closed 1-11-17)	N.S.	53 75
Parkdale	Man.	50 17
Parker	Ont.	143 00
Parkers Cove	N.S.	176 80
Parkers Ridge	N.B.	198 25
Park Head	Ont.	345 78
Parkhouse	Ont.	64 00
Parkin	Sask.	67 12
Parkindale	N.B.	148 75
Parkinson	Ont.	80 63
Parkman	Sask.	343 87
Parks Creek	N.S.	249 05
Parkview	Sask.	13 00
Parlee Settlement (closed 13-2-18)	N.B.	30 00
Parr	Alberta	151 35
Parrsboro' Shore	N.S.	91 00
Parson	B.C.	130 90
Parvilla	Alberta	41 00
Pashley	Alberta	255 00
Passekeag	N.B.	140 70
Pasteur	P.Q.	27 00
Patchgrove	Sask.	89 60
Paterson	B.C.	105 75
Pathfinder	Alberta	12 00
Patience	Alberta	58 00
Patience Lake (closed 1-5-17)	Sask.	4 00
Patriot	Sask.	21 25
Patton	Ont.	92 29
Pattullo	Ont.	30 00
Pau	P.Q.	46 00
Paudash	Ont.	50 70
Paugh Lake	Ont.	34 55
Paul Lemay (opened 1-6-17)	P.Q.	49 87
Paul's Corners	Alberta	48 00
Pavilion	B.C.	98 85
Paxson	Alberta	40 00
Paxton Valley	B.C.	57 75
Payndale (closed 2-2-18)	Alberta	14 50
Pearce	Alberta	217 85
Pearceley	Ont.	51 00
Peardonville	B.C.	53 20
Pearl	N.B.	35 50
Perasonville	N.B.	25 50
Peas Brook	N.S.	57 20
Peat	Alberta	35 58
Peavine	Alberta	115 75
Peckham	Alberta	
Peebechill	Sask.	20 00
Pebble Beach	Man.	56 00
Peebles	Sask.	172 00
Peel	N.B.	256 22
Peerless	Alberta	40 00
Peesane	Sask.	225 00
Pegasus	Sask.	44 25
Peguis	Alberta	40 00
Peguis	Man.	106 00
Peggy's Cove	N.S.	72 12
Pekisko	Alberta	298 90
Pelican Rapids	Man.	59 20
Pellatt	Ont.	85 00
Pellerin	P.Q.	24 00
Pelletier Mills	N.B.	222 40
Pelletier Station	P.Q.	110 00
Pelly	Yukon	146 50
Pembina	Alberta	81 50
Pembroke	N.S.	100 75
Pemberton Hill	Alberta	26 00
Pendant d'Oreille	Alberta	211 20
Pendennis	Man.	114 91
Pendryl	Alberta	55 00
Pengarth	Sask.	14 53
Penge	Sask.	14 00
Peniac	N.B.	250 00
Peninsula (opened 15-9-17)	Ont.	47 73
Penkill	Sask.	46 20
Pennant	N.S.	52 50
Pennfield Centre	N.B.	102 16
Pennock	Sask.	28 50
Penny	B.C.	139 90
Peno	Alberta	53 20
Pentz	N.S.	118 00
Pepin (closed 1-2-18)	P.Q.	33 25
Pepper	Sask.	59 70
Perbeck	Alberta	103 40
Perigord	Sask.	251 50
Percivale	Ont.	48 00
Perkinsfield	Ont.	159 65
Perley	Sask.	18 50
Perreault	Ont.	90 00
Perron	P.Q.	25 00
Perrott Settlement	N.S.	38 00
Perry Settlement	N.B.	1 00
Perry's Point	N.B.	153 40
Perrytown	Ont.	90 80
Perryvale	Alberta	378 03
Perthuis	P.Q.	94 89
Peter's Brook	N.S.	15 00
Peter's Mills	N.B.	38 00
Peterson	N.B.	64 50
Peterson	Sask.	193 45
Peterson's Corners	Ont.	38 08
Peter's River	N.B.	21 00
Petersville	N.B.	70 50
Petersville Church (closed 15-2-18)	N.B.	102 15
Petit Bécancour	P.Q.	21 00
Petites Bergeronnes	P.Q.	55 52
Petit Bonaventure	P.Q.	143 40
Petit Bois	P.Q.	76 00
Petit Carleton	P.Q.	53 90
Petit Cap	P.Q.	96 20
Petit Capucins	P.Q.	73 40
Petit Cascapedia Nord	P.Q.	23 50
Petite Côte	Ont.	259 71
Petit Lac	P.Q.	52 60
Petite Chockfish	N.B.	30 60
Petite Lamèque	N.B.	102 75
Petite Magdaleine	P.Q.	217 00
Petite Mascouche	P.Q.	23 00
Petit Méchin	P.Q.	84 28
Petit Métis Station	P.Q.	177 53
Petit Moulin	P.Q.	83 25
Petit Nord	Sask.	16 00
Petit Paquetville	N.B.	58 25
Petit Pré Est	P.Q.	39 02
Petite Rivière au Renard	P.Q.	85 70
Petite Rivière aux Sables	P.Q.	45 00
Petite Tourelle	P.Q.	41 00
Petite Vallée	P.Q.	76 60
Petpeswick Harbour	N.S.	97 00

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.	Name of Post Office.	Province.	Revenue.
		$ cts.			$ cts.
Petrofka	Sask.	112 10	Pleasant Villa	N.B.	45 00
Pettigrew Settlement	N.S.	20 50	Pleasantville	N.S.	310 75
Pevensey	Ont.	21 00	Pleasington	Alberta.	55 60
Philemon	P.Q.	40 25	Plessis	Sask.	48 10
Philibert	P.Q.	12 75	Plouffe Landing	P.Q.	84 00
Philips Harbour	N.S.	95 00	Plouard	N.B.	76 50
Pibroch	Alberta.	236 96	Plumbridge	Sask.	173 20
Piccadilly	N.B.	32 50	Plum Hollow	Ont.	309 83
Piché	Sask.	103 20	Plymouth	N.S.	138 15
Picardville	Alberta.	260 46	Plympton	Man.	95 05
Pickerel (opened 1-2-18)	Ont.	61 25	Plympton Station	N.S.	69 00
Pickerel Lake	Ont.	36 50	Pohenagamooke	P.Q.	215 42
Picnic	Sask.	49 95	Poe	Alberta.	109 45
Pictou Island	N.S.	70 00	Pointe Aconi	N.S.	30 00
Picture Butte	Alberta.	192 00	Point Alexander	Ont.	395 50
Pidgeon	P.Q.	42 00	Pointe à Naveau	P.Q.	59 10
Pied de la Montagne	P.Q.	34 00	Pointe au Car	N.B.	34 10
Piedmont	P.Q.	180 00	Pointe Carrée	P.Q.	37 00
Piedmont Valley	N.S.	105 77	Pointe Chambord	P.Q.	21 00
Piercemont	N.B.	30 00	Point Comfort	P.Q.	119 50
Pigeon Bluff	Man.	73 94	Point Cowan	B.C.	70 80
Pigeon Hill	N.B.	67 66	Point Cross	N.S.	85 98
Pigeon Lake	Man.	271 14	Point Edward	N.S.	41 00
Pigou River (opened 1-6-17)	P.Q.	38 87	Pointe Escuminac	N.B.	44 70
Pike Bay	Ont.	60 08	Point Gardiner	N.B.	40 10
Pike Lake	Sask.	120 00	Pointe Jaune	P.Q.	50 20
Pike River	P.Q.	241 50	Point Kaye	Ont.	53 95
Pikes Peak	Sask.	20 00	Pointe la Nim	N.B.	43 00
Pilger	Sask.	35 25	Pointe Michaud	N.S.	24 00
Pinantan	B.C.	83 30	Pointe Pelée	Ont.	63 71
Pinard (opened 1-6-17)	P.Q.	66 35	Point of Cape	N.S.	20 25
Pinawa	Man.	159 10	Point Platon	P.Q.	94 00
Pincebec	P.Q.	43 96	Point Sapin	N.B.	142 33
Pine	Ont.	228 32	Point Traverse	Ont.	80 65
Pineau	N.B.	33 70	Point Wolfe	N.B.	119 40
Pine Canyon (closed 1-5-17)	Alberta.		Pointe à la Frégate	P.Q.	68 17
Pine Coulée	Sask.	25 45	Pointe à la Garde	P.Q.	160 61
Pine Creek Station	Man.	201 55	Pointe au Baril	Ont.	360 48
Pine Glen	N.B.	43 75	Pointe au Boisvert	P.Q.	59 70
Pine Grove	Ont.	138 00	Pointe au Bouleau	P.Q.	95 89
Pine Hill	P.Q.	15 00	Pointe au Gœmon	P.Q.	81 42
Pinelands (summer office)	Ont.	147 00	Pointe aux Anglais	P.Q.	36 00
Pine Ridge	N.B.	83 40	Pointe aux Orignaux	P.Q.	47 90
Pine Ridge	Man.	39 23	Pointe aux Outardes	P.Q.	25 10
Pine River	Man.	407 10	Pointe aux Trembles Ouest	P.Q.	47 00
Pinette	P.E.I.	106 50	Pointe Bleue	P.Q.	110 90
Pine Tree	N.S.	56 00	Pointe Bourque	P.Q.	55 20
Pinevale	N.S.	9 00	Pointe des Monts	P.Q.	24 10
Pine View	Man.	83 00	Pointe des Roches	P.Q.	35 45
Pineville	N.B.	54 45	Pointe du Chêne	N.B.	411 00
Pinguet	P.Q.	26 00	Pointe Ste. Anne des Monts	P.Q.	217 30
Pinhorn (closed 30-5-17)	Alberta.		Poirier	N.B.	12 00
Piney	Man.	429 61	Poirierville	N.S.	97 75
Pinkney's Point	N.S.	69 90	Poitou	P.Q.	45 50
Pinto	Sask.	71 75	Poitras	N.B.	12 50
Pioneer	Alberta.	76 05	Pokehasset (closed 1-11-17)	Alberta.	
Piper Glen	N.S.	7 00	Pokesudi	N.B.	26 00
Piper's Cove	N.S.	24 00	Poland	Ont.	220 45
Pirmez Creek	Alberta.	64 50	Poliquin	P.Q.	32 04
Pitcher's Farm	N.S.	10 00	Pollett River	N.B.	269 55
Pitman	Sask.	121 25	Pollockville	Alberta.	198 00
Piusville Station	P.E.I.	244 59	Polleyhurst	N.B.	36 35
Plainfield	Ont.	173 19	Polson's Brook	N.S.	25 00
Plain Lake	Alberta.	53 86	Polwarth	Sask.	122 15
Plain View	Sask.	35 51	Pomeroy	Man.	4 00
Plainville	Ont.	186 02	Pomquet	N.S.	198 40
Plaister Mines	N.S.	60 00	Pomquet Station	N.S.	143 56
Plateau	N.S.	77 00	Ponass Lake	Sask.	108 70
Platinum	Ont.	38 00	Poncheville (opened 1-6-17)	P.Q.	33 75
Pleasant Bay	N.S.	96 20	Pondville	N.S.	38 00
Pleasantfield	N.S.	36 01	Pont de Batiscan	P.Q.	29 30
Pleasant Grove	P.E.I.	22 00	Pont de la Noreau	P.Q.	124 12
Pleasant Harbour	N.S.	176 59	Pontgravé	P.Q.	22 80
Pleasant Hills	N.S.	51 00	Pontrilas	Sask.	81 90
Pleasant Home	Man.	85 60	Pont St. Maurice	P.Q.	446 40
Pleasant Lake	N.S.	111 78	Pont Viau	P.Q.	134 75
Pleasant Mount	N.B.	18 00	Poole	Ont.	175 50
Pleasant Point	N.S.	136 10	Pope's Harbour	N.S.	153 25
Pleasant Point	N.B.	69 50	Poplar	Ont.	220 40
Pleasant Point	Ont.	100 25	Poplar Creek	B.C.	90 20
Pleasant River	N.S.	365 66	Poplar Dale	Ont.	37 00
Pleasant Valley, Yarmouth	N.S.	54 00	Poplarfield	Man.	197 95
Pleasant Valley	Sask.	203 80	Poplar Grove	Sask.	95 69
Pleasant Valley, Antigonish	N.S.	39 00	Poplar Hill	Ont.	281 90
Pleasant View	Alberta.	105 45	Poplar Park	Man.	50 25

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Portage	Ont.	326 00
Portage	P.E.I.	253 70
Portage de la Nation	P.Q.	150 97
Portage du Lac	N.B.	48 68
Portage East Bay	N.S.	18 00
Portage Griffon	P.Q.	9 00
Portage River	N.B.	50 00
Port Albert	Ont.	210 50
Port Alfred (opened 18-5-17)	P.Q.	160 00
Port Anson	Ont.	95 63
Portapique	N.S.	123 25
Portapique Mountain	N.S.	43 50
Port Arthur, Sub-Office No. 2	Ont.	*a*
Port Arthur, Sub-Office No. 4	Ont.	*a*
Port Arthur, Sub-Office No. 5	Ont.	*a*
Port au Persil	P.Q.	169 20
Port au Saumon	P.Q.	52 75
Port aux Quilles	P.Q.	73 00
Port Ban	N.S.	9 00
Port Bevis	N.S.	27 00
Port Bickerton	N.S.	200 15
Port Bowmanville (summer office)	Ont.	40 00
Port Bruce	Ont.	46 20
Fort Caledonia	N.S.	104 50
Port Carmen	O-t	85 10
Port Cockburn (summer office)	Ont.	47 10
Port Coldwell	Ont.	237 27
Port Crawford	B.C.	122 50
Port Cunnington	Ont.	240 20
Port Daniel, West	P.Q.	376 49
Port Dufferin, West	N.S.	33 00
Porteau	B.C.	47 75
Portelance (closed 15-1-18)	P.Q.	55 73
Porter Cove Road	N.B.	60 02
Poster's	N.B.	33 95
Porter's Lake	N.S.	98 45
Porter's River	N.S.	20 00
Porterville	Ont.	121 80
Port Felix	N.S.	143 60
Port Felix, East	N.S.	93 00
Port Franks	Ont.	110 84
Port George	N.S.	273 55
Port Gillan (closed 1-6-17)	B.C.	.....
Port Granby	Ont.	56 00
Port Hardy	B.C.	242 66
Port Hill	P.E.I.	264 90
Port Hillford	N.S.	197 64
Port Hood Island	N.S.	151 69
Port Joli	N.S.	237 20
Port Keewaydin (summer office)	Ont.	170 00
Port Lewis (summer office, opened 1-8-17)	P.Q.	10 00
Port Lock	Ont.	108 97
Port Malcolm	N.S.	88 75
Port Neville	B.C.	119 10
Portree	N.S.	32 10
Port Richmond	N.S.	49 70
Port Royal	N.S.	78 00
Port Ryerse (reopened 15-6-17)	Ont.	53 00
Port Sandfield	Ont.	204 73
Port Saxon	N.S.	119 90
Port Severn	Ont.	237 75
Port Shoreham	N.S.	162 09
Portuguese Cove	N.S.	49 20
Port Union	Ont.	48 87
Pottageville	Ont.	.....
Potter	Ont.	200 75
Potton Springs	P.Q.	125 70
Potvin	P.Q.	54 00
Poulamon	N.S.	268 40
Poulin	P.Q.	30 09
Poupore	P.Q.	52 64
Power House	Alberta	54 31
Power's Creek	N.B.	47 00
Pownall	P.E.I.	329 21
Prague	Alberta	23 25
Prairie Grove	Man.	72 24
Prairie River	Sask.	211 10
Prairie Siding	Ont.	129 00
Pratt	Man.	275 15
Précieux Sang	P.Q.	202 56
Pré-d'en haut	N.B.	185 00
Preneveau	Ont.	160 51
Prequ'Isle	Ont.	58 00
Presqu'Isle Point (summer office)	Ont.	191 00
Prestfoss	Sask.	26 00
Pré Ste. Marie	Sask.	37 00
Preston	N.S.	21 00
Preston Road	N.S.	70 00
Prestville (opened 8-5-17)	Alberta	72 00
Pretty River Valley (closed 1-8-17)	Ont.	9 00
Pretty Valley	Sask.	226 95
Préval	P.Q.	193 90
Price's Corner	Ont.	71 00
Price Settlement	N.B.	40 50
Primeauville	P.Q.	427 27
Primula	Alberta	50 00
Prince Albert	Ont.	456 00
Prince Albert	N.S.	27 00
Prince Dale	N.S.	66 50
Prince of Wales	N.B.	67 00
Prince's Lodge	N.S.	112 95
Princetown	P.E.I.	768 45
Princeville	N.S.	59 30
Prince William Station	N.B.	343 94
Privett	N.S.	.21 00
Product	Sask.	43 48
Prongua (reopened 9-3-17)	Sask.	221 65
Prospect	Ont.	127 04
Prospect Valley	Alberta	64 80
Prosperity (closed 1-12-17)	Sask.	37 00
Prospy	Alberta	100 00
Prosser Brook	N.B.	51 75
Provence (closed 6-4-17)	P.Q.	.....
Pruden	Sask.	112 60
Prudens Crossing (opened 1-8-17)	Alberta	39 08
Public Landing	N.B.	194 49
Pubnico Beach	N.S.	35 00
Puckahn	Sask.	48 50
Puellering	N.B.	16 00
Puffer	Alberta	242 54
Pugwash River	N.S.	45 25
Pulp Siding	Ont.	640 00
Purbrook	Ont.	28 00
Purdy	Ont.	34 50
Purlbrook	N.S.	48 00
Purple Ridge	Man.	20 75
Purpleville	Ont.	36 00
Putnam	Ont.	324 40
Quaco Road	N.B.	23 00
Quadville	Ont.	110 00
Qualicum	B.C.	118 25
Quantock	Sask.	238 50
Quarrel	Alberta	57 00
Quarries	Ont.	92 25
Quarry St. Anne's (reopened 1-7-17)	N.S.	40 00
Quatre Chemins	P.Q.	138 00
Quatre Coins	N.B.	44 00
Québec Stadacona	P.Q.	*b*
Québec Sub-Office, Lairet	P.Q.	*b*
Queen Centre	Sask.	76 00
Queensland	N.S.	91 45
Queen's Line	Ont.	84 47
Queenstown	N.B.	213 15
Queen's Valley	Man.	63 05
Queensville	N.S.	89 00
Querrin	Sask.	42 75
Querry	P.Q.	28 00
Quesnel Forks	B.C.	103 00
Quibell	Ont.	370 55
Quill Plain	Sask.	63 00
Quimper	Sask.	41 15
Quinan	N.S.	74 47
Quinnville	P.Q.	38 75
Quispamsis	N.B.	69 70
Quinnox (closed 2-10-17)	Sask.	57 85
Rabbit Lake	Sask.	569 70
Racine Mills	P.Q.	88 00
Racing Lake	Sask.	16 50
Radford	Yukon	23 75
Radnor Forges	P.Q.	50 46
Radouga	Sask.	15 59

b For Revenue *see* under Port Arthur Sub-Office.

b For Revenue *see* under Quebec Sub-Offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Radium Hot Springs	B.C.	56 25
Radway	Man.	63 50
Radway Centre	Alberta	220 15
Raft River	B.C.	91 39
Rageot (closed 20-11-17)	P.Q.	23 25
Raglan	Ont.	300 12
Raimbault	P.Q.	42 70
Rainbow	Alberta	34 20
Rainville	P.Q.	47 06
Rail	P.Q.	35 00
Raith	Ont.	266 45
Raley	Alberta	124 00
Ralph Station	Sask.	209 68
Rama Road	Ont.	36 00
Ranching	Alberta	55 00
Ranchvale	Man.	60 00
Ranchville	Alberta	147 50
Randboro'	P.Q.	155 20
Rancourt	P.Q.	21 58
Randall Corner	N.B.	59 80
Randolph	N.B.	218 64
Randolph	Ont.	74 30
Rang Double	P.Q.	35 00
Rangeview	Sask.	49 65
Rang Mathias	P.Q.	72 40
Rang Portage	P.Q.	10 00
Rang Ste. Catherine	P.Q.	10 00
Rang St. Achille	P.Q.	70 90
Rang St. Paul	P.Q.	15 60
Rankin	Ont.	164 66
Rankinville	N.S.	14 50
Rapdan	Sask.	107 50
Rapide des Chiens	P.Q.	32 50
Rapide Dufort	P.Q.	18 85
Rapid Narrows	Alberta	87 10
Rassdon	Sask.	58 45
Rastad	Sask.	36 25
Ratcliffe	Sask.	68 10
Rateau	Man.	90 00
Ratner	Sask.	116 60
Raudot	P.Q.	11 00
Raush Valley	B.C.	28 00
Raven	Alberta	185 23
Ravenscliffe	Ont.	97 57
Ravenswood	Ont.	165 75
Ravensworth	Ont.	236 46
Ravignan	P.Q.	133 83
Ravine	Alberta	35 25
Ravine Bank	Sask.	229 80
Rawcliffe	P.Q.	38 56
Rawdon	N.S.	273 26
Rawdon Gold Mines	N.S.	135 80
Raycroft	Ont.	5 00
Raymond	Ont.	175 25
Read	Ont.	286 71
Read Island	B.C.	36 50
Rear Big Hill	N.S.	11 00
Rear Boisdale	N.S.	12 00
Rear Christmas Island	N.S.	27 00
Rear Dunvegan	N.S.	7 00
Rear Georgeville	N.S.	20 00
Rear Judique South	N.S.	28 20
Rear Judique Chapel	N.S.	12 20
Rear of Baddeck Bay	N.S.	28 00
Rear of Ball's Creek	N.S.	19 00
Rear of Black River	N.S.	5 00
Rear of East Bay	N.S.	8 00
Rear of Little Judique	N.S.	30 00
Rearville	Alberta	105 50
Reay	Ont.	57 30
Redan	Ont.	37 95
Red Bay	Ont.	51 50
Redberry (reopened 1-1-18)	Sask.	41 90
Red Cross	Sask.	35 00
Red Head	N.B.	16 50
Redfield	Sask.	58 50
Red Jackett	Sask.	195 00
Red Islands	N.S.	39 15
Red Lodge	Alberta	94 50
Red Mill	P.Q.	46 15
Redmond	P.Q.	14 25
Redmondville	N.B.	31 80
Red Pheasant	Sask.	138 95
Red Pine	N.B.	66 00
Red Rapids	N.B.	165 68
Red River	N.S.	72 19
Red Stone	B.C.	20 10
Redwater	Alberta	108 92
Redwater Station	Ont.	75 47
Red Wing	Ont.	141 76
Red Wood	Ont.	192 10
Reed's Point	N.B.	62 00
Rees	N.B.	49 70
Refuge Bay	B.C.	35 50
Regina Sub-Office No. 1	Sask.	*a*
Regina Sub-Office No. 5	Sask.	*a*
Reidvale	N.S.	25 00
Reinland	Man.	119 65
Reist	Alberta	91 53
Reklaw	Sask.	135 00
Remo	B.C.	46 25
Renata	B.C.	212 75
Renaud's Mills	N.B.	33 00
Renfrew	N.S.	35 00
Rennie	Man.	140 20
Renous	N.B.	315 86
Renversy	P.Q.	65 00
Repentigny les Bains (summer office)	P.Q.	3 00
Rereshill	Sask.	19 00
Restoule	Ont.	266 42
Retreat Cove	B.C.	69 70
Revenue	Sask.	328 75
Rexboro	Alberta	42 00
Rex	Sask.	51 50
Rexmount	B.C.	70 00
Reynaud	Sask.	20 00
Reykjavik	Man.	31 00
Reynolds	N.S.	80 25
Reynolds	N.B.	32 00
Reynoldscroft	N.S.	33 50
Rheault	Ont.	16 00
Rhodena	N.S.	19 00
Rhode's Corner	N.S.	63 70
Ribot	P.Q.	47 85
Richardson	N.B.	102 00
Richardville	N.B.	9 00
Richard Village	N.B.	24 00
Richer	Man.	141 25
Richfield	N.S.	83 37
Richibucto Village	N.B.	224 70
Richland	Man.	93 40
Richmond	Sask.	435 70
Rich Valley	Alberta	100 75
Ricinus	Alberta	63 32
Rideau Lake	Ont.	30 00
Ridgeclough	Alberta	52 25
Ridgeley	Man.	74 70
Ridgedale	Sask.	108 50
Riel	Man.	1 50
Rife	Alberta	121 74
Riga	Sask.	59 95
Rimington	Ont.	39 00
Rimouski Ouest	P.Q.	125 15
Ringwood	Ont.	207 70
Riou	P.Q.	25 00
Ripples	N.B.	297 45
Rising Sun	Alberta	16 00
Ritchie	Sask.	237 90
Ritchot	Man.	8 00
Riverbow	Alberta	92 60
Rivercourse	Alberta	64 00
River Centre	N.S.	40 00
Riverdale	N.S.	93 00
River Dennis	N.S.	87 27
River Dennis Centre	N.S.	51 55
River Dennis Road	N.S.	54 00
Riverfront	Sask.	38 10
River Gilbert	P.Q.	61 70
River Gilbert Gold Mine	P.Q.	70 20
River Glade	N.B.	497 00
Riverhead	N.S.	22 25
River Hébert	N.S.	186 85
River John Road (closed 31-6-17)	N.S.	6 00
River Philip	N.S.	453 40
River Phillip Centre	N.S.	79 95
River Ryan	N.S.	86 50

a For Revenue *see* under Regina Sub-Offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Riversdale	N.S.	269 50
Riverside	N.S.	4 00
Riverside Corner	N.S.	77 25
Riverstone	Sask.	88 50
Riverton	Alberta	67 25
Riverview	N.B.	27 00
Rivière à Claude	P.Q.	106 54
Rivière à la Marre	P.Q.	129 27
Rivière à l'Ours	P.Q.	309 58
Rivière au Doré	P.Q.	252 44
Rivière au Rat	P.Q.	139 50
Rivière aux Chiens	P.Q.	71 04
Rivière aux Ecorces	P.Q.	10 00
Rivière aux Graines	P.Q.	59 70
Rivière aux Pins	P.Q.	65 00
Rivière Blanche, Portneuf	P.Q.	69 89
Rivière Bonaventure	P.Q.	38 10
Rivière Castor	Alberta	27 50
Rivière des Caches	N.B.	109 70
Rivière des Plantes	P.Q.	24 50
Rivière des Prairies	P.Q.	124 72
Rivière des Prairies Ouest (closed 1-2-18)	P.Q.	37 20
Rivière des Roches	P.Q.	148 73
Rivière du Loup Wharf	P.Q.	66 00
Rivière du Milieu	P.Q.	55 49
Rivière Famine	P.Q.	53 00
Rivière Gagnon	P.Q.	23 00
Rivière Gentilly	P.Q.	88 40
Rivière Jaune	P.Q.	173 70
Rivière la Fleur	P.Q.	33 50
Rivière de la Madeleine	P.Q.	230 96
Rivière Mailloux	P.Q.	320 00
Rivière Manie	P.Q.	250 25
Rivière Maskinongé (closed 15-12-17)	P.Q.	35 00
Rivière Matamek	P.Q.	
Rivière Mattawin	P.Q.	73 55
Rivière Mékinac	P.Q.	154 17
Rivière Metgermette North	P.Q.	76 21
Rivière Noire	P.Q.	75 05
Rivière Ouelle, Junction	P.Q.	144 00
Rivière Ouelle, Wharf	P.Q.	145 23
Rivière Paspébiac	P.Q.	37 00
Rivière St. André	P.Q.	56 70
Rivière St. Jean	P.Q.	96 70
Rivière Ste. Marguerite	P.Q.	123 77
Rivulet	N.S.	27 50
Roach Vale	N.S.	31 00
Roadene	Sask.	67 00
Roanmine	Sask.	38 50
Roberge	P.Q.	32 50
Roberta	N.S.	33 29
Roberts	Sask.	125 10
Robert's Creek	B.C.	155 60
Robert's Island	N.S.	20 00
Robertson	N.B.	62 45
Robertville	N.B.	91 30
Roberval Ouest	P.Q.	97 00
Robichaud	N.B.	86 00
Robins Range	B.C.	86 70
Robins	N.S.	21 25
Robinson's Corners	N.S.	111 86
Robinsonville	N.B.	113 20
Rob Roy	Ont.	49 70
Rochefort	Ont.	65 50
Roche Plaine	Sask.	88 25
Roche Plate	P.Q.	35 00
Rocher de la Chapelle	P.Q.	70 00
Rocher Noir	P.Q.	65 00
Rochester	Alberta	472 03
Rockcroft	Ont.	65 70
Rock Dell	Sask.	60 80
Rockford	Sask.	43 00
Rockhill (closed 31-1-18)	Sask.	12 00
Rockingham Station	N.S.	263 28
Rockland	N.S.	99 00
Rock Mills	Ont.	159 95
Rockmount (closed 21-8-17)	P.Q.	17 95
Rockport	N.B.	85 70
Rock Springs	Ont.	282 65
Rockville	N.S.	39 00
Rockville	Ont.	46 30
Rockway Valley	P.Q.	175 20
Rockwell Settlement	N.S.	96 26
Rockwynn (summer office)	Ont.	30 00
Rocky Bay	N.S.	13 00
Rocky Brook	N.B.	35 02
Rocky Mountain	N.S.	26 00
Rocky Point	P.E.I.	50 00
Rocky Point	B.C.	168 75
Rocky Rapids	Alberta	37 96
Rocky Ridge	N.S.	20 00
Rodef (opened 15-5-17)	Alberta	17 10
Roden	Man.	50 00
Rodgers	Sask.	99 41
Rodino	Alberta	25 20
Rodney	N.S.	111 90
Roe (opened 1-8-17)	Sask.	72 08
Roebuck	Ont.	47 50
Roe Lake	B.C.	79 50
Rogerton	N.S.	27 25
Rolling River (closed 1-6-17)	Man.	5 00
Rollinson	Alberta	14 00
Roman Valley	N.S.	30 52
Ronan	Alberta	60 00
Rondeau	Ont.	51 96
Rooney	P.Q.	62 04
Roosville	B.C.	189 05
Rooth Station	N.B.	45 91
Roros	Alberta	15 50
Rosaireville	N.B.	56 00
Rose	N.S.	83 25
Rosebank	N.B.	55 00
Rosebeg	Alberta	100 35
Roseberry	B.C.	218 70
Rose Bridge	P.Q.	134 05
Roseburn	N.S.	19 00
Rosedale	N.S.	8 00
Rosedale (summer office)	Ont.	200 00
Roseglen	Alberta	101 20
Rose Island	Ont.	65 10
Roselea	Alberta	33 50
Rose Lynn	Alberta	114 38
Rosemae	Sask.	50 55
Rosemere	P.Q.	220 60
Rosenburg	Man.	55 00
Rosenheim	Alberta	104 25
Rosenort	Man.	165 95
Rosenthal	Ont.	61 68
Rose Point (summer office)	Ont.	40 00
Roseray	Sask.	29 00
Rose Vale	N.B.	54 00
Rose Valley (closed 1-11-17)	Sask.	21 00
Roseview	Sask.	96 00
Roseville	Ont.	67 64
Rosewood	Man.	204 30
Rossall	Sask.	45 25
Rossclair	Ont.	150 12
Ross Creek (closed 8-10-17)	Alberta	32 50
Rosseau Falls	Ont.	30 30
Ross Ferry	N.S.	85 00
Rossfield	N.S.	10 00
Rossington	Alberta	238 65
Rosslyn Village	Ont.	91 09
Ross Mount	Ont.	111 70
Rossville (closed 1-12-17)	N.B.	12 80
Rossway	N.S.	196 50
Rosswood (closed 1-8-17)	B.C.	6 25
Rostock	Ont.	231 63
Rostrevar (summer office)	Ont.	
Rosyth	Alberta	156 70
Rothbury	Sask.	23 50
Rothwell	N.B.	151 00
Rouen (closed 28-11-17)	Sask.	16 00
Rouge	Ont.	66 00
Rouge Valley	P.Q.	32 50
Rough Waters	N.B.	42 00
Round Bay	N.S.	69 20
Round Island	N.S.	13 00
Round Lake	Ont.	37 00
Round Up	Alberta	24 25
Rousillon	P.Q.	23 00
Rousseau's Mills	P.Q.	47 95
Route Alfred	P.Q.	35 00
Routnier	Ont.	110 72
Routhierville	P.Q.	84 01
Routledge (closed 2-1-18)	Man.	148 50
Rowanton	P.Q.	184 00
Rowde	Alberta	30 00
Rowena	N.B.	35 80

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Rowington	Sask.	26 50
Rowland	Ont.	36 85
Rowletta	Sask.	266 75
Roxburgh	N.B.	22 00
Roxville	N.S	36 50
Roy	B.C.	84 40
Roy	N.B.	48 90
Royal Muskoka (summer office)	Ont.	3,199 35
Royal Road (closed 1-11-17)	N.B.	16 00
Royal West Road (closed 1-11-17)	N.B.	5 00
Roydale	Alberta	87 58
Royston	Ont.	73 00
Royston Station	B.C.	193 90
Rozilee	Sask.	134 25
Ruby	Ont.	248 33
Ruby Creek	B.C.	120 05
Ruby Mine	Ont.	17 20
Ruddington	Alberta	14 50
Ruisseau Arbour	P.Q.	50 35
Ruisseau Castor (closed 20-8-17)	P.Q.	5 00
Ruisseau à l'Eau Chaude	P.Q.	58 40
Ruisseau à Sem	P.Q.	36 10
Ruisseau des Olives	P.Q.	50 31
Ruisseau Le Blanc	P.Q.	225 38
Ruisseau Michel	P.Q.	16 00
Ruisseau Plat	P.Q.	72 90
Ruke Lake	Alberta	29 70
Rumpellville	P.Q.	21 63
Runnymede	P.Q.	77 00
Rusagornis	N.B.	154 26
Rusagornis Station	N.B.	366 75
Rushford	Sask.	25 00
Rush Point	Ont.	45 00
Rushton (closed 19-12-17)	Sask.	58 40
Rushville	Sask.	29 00
Russborough	Sask.	45 65
Russeldale	Ont.	328 96
Russelville	N.B.	77 40
Rustico	P.E.I.	224 05
Rusticoville	P.E.I.	157 00
Rusylvia	Alberta	140 60
Ruth	Man.	89 05
Rutter	Ont.	153 17
Ryanton	Man.	86 57
Ryanville	P.Q.	28 85
Ryckman's Corners	Ont.	132 00
Rye	Ont.	50 70
Ryerson	Sask.	70 65
Ryland (opened 1-1-18)	Ont.	24 00
St. Abdon	P.Q.	56 70
St. Adolphe	Man.	207 00
St. Agapit Station	P.Q.	304 10
St. Agatha	Ont.	243 21
St. Agnès de Charlevoix	P.Q.	111 88
St. Agricole	P.Q.	20 25
St. Albert	P.Q.	223 30
St. Alexander Station	P.Q.	46 50
St. Alexis	P.Q.	48 25
St. Alexis Station	P.Q.	144 70
St. Almo	N.B.	73 55
St. Alphonse	P.Q.	200 00
St. Alphonse de Granby	P.Q.	139 40
St. Amable	P.Q.	70 80
St. Amand	N.B.	20 00
St. Amateur	N.B.	44 00
St. Ambroise	Man.	162 10
Ste. Amélie	Man.	462 20
St. Amédée	P.Q.	67 40
Ste. Amédée de Péribonca	P.Q.	151 20
St. André de Madawaska	N.B.	273 95
St. André de Shédiac	N.B.	75 00
St. André Station	P.Q.	57 50
St. Andrews	Man.	189 15
St. Andrews Channel	N.S.	19 00
Ste. Anne de la Pocatière Station	P.Q.	363 25
Ste. Anne de Kent	N.B.	268 87
Ste. Anne de Sorel	P.Q.	114 20
Ste. Anne de Stukely	P.Q.	83 25
Ste. Anne du Lac (opened 1-11-17)	P.Q.	50 24
St. Ann's	N.S	249 15
Ste. Ann's	P.E.I.	33 50
St. Anselme	N.B.	52 00
St. Anthony Mine	Ont.	218 50
St. Antoine	Sask.	83 00
St. Antoine de Charlevoix	P.Q.	72 05
St. Antonin	P.Q.	233 02
Ste. Apolline Station	P.Q.	95 03
St. Athanase (opened 8-12-17)	N.B.	12 00
Ste. Augustine	N.B.	21 25
Ste. Augustine	Ont.	96 89
St. Augustin, Saguenay	P.Q.	5 00
Ste. Aurélie	P.Q.	194 70
Ste. Barbe	P.Q.	111 50
St. Bazile Station	P.Q.	505 00
St. Benjamin	P.Q.	365 11
St. Benoit de Matapédia	P.Q.	220 25
St. Bernard	N.S	50 00
Ste. Blandine	P.Q.	260 00
St. Bruno de Kamouraska	P.Q.	225 50
St. Bruno Station	P.Q.	57 50
St. Calixte Nord	P.Q.	35 00
St. Camille Station	P.Q.	327 44
St. Cassien des Caps	P.Q.	25 00
Ste. Catherine River	N.S	39 50
Ste. Catherine Station	P.Q.	248 20
Ste. Cécile de Lévrard	P.Q.	270 02
St. Charles	Man.	183 95
St. Charles de Montcalm	P.Q.	27 00
St. Charles Parish (closed 30-9-17)	Sask.	12 20
St. Claude Nord	P.Q.	80 20
St. Cléophas de Brandon	P.Q.	114 95
Ste. Clothilde de Châteauguay	P.Q.	77 62
St. Columba	N.S	17 00
St. Columbin	P.Q.	79 40
Ste. Croix	N.B.	61 80
Ste. Croix Cove	N.S	70 60
St. Cyr	P.Q.	229 70
St. Cyriac	P.Q.	190 00
St. Cyrille	N.B.	31 00
St. Damase de Thetford	P.Q.	49 70
St. Damien	N.B.	46 00
St. Damien Station	P.Q.	88 79
St. Denis	Sask.	130 50
St. Dominique du Lac	P.Q.	21 00
Ste. Dorothée	P.Q.	243 43
St. Edmond de Stoneham	P.Q.	7 78
St. Edmond de Berthier	P.Q.	49 00
St. Edouard	Alberta	29 40
St. Edouard de Frampton	P.Q.	60 50
St. Edouard de Kent	N.B.	57 70
St. Edouard de Maskinongé	P.Q.	33 25
St. Eléanor's	P.E.I.	400 20
Ste. Elizabeth	Man.	219 00
Ste. Elizabeth de Warwich	P.Q.	139 88
St. Eloi Station	P.Q.	181 29
St. Elphège	P.Q.	158 23
St. Elzéar de Ham (closed 21-5-17)	P.Q.	11 50
St. Emilie Junction (closed 1-7-17)	P.Q.	10 00
St. Emile de Montcalm	P.Q.	114 00
St. Ephrem Station	P.Q.	215 00
St. Esprit	N.S	25 00
St. Euphémie	P.Q.	351 81
St. Eustache	Man.	244 00
St. Fabien	N.B.	46 00
St. Félix	Ont.	65 50
St. Féréol	P.Q.	117 90
St. Fidèle	P.Q.	315 33
Ste. Flavie	P.Q.	225 60
St. Francis Harbour	N.S	85 63
St. François de Kent	N.B.	51 07
St. François de Lévrard	P.Q.	30 64
St. François d'Assise	P.Q.	96 10
St. François d'Orléans	P.Q.	100 05
Ste. Françoise	P.Q.	154 65
St. François Station	P.Q.	80 00
St. François Xavier	Man.	312 60
St. François Xavier de Viger	P.Q.	43 50
St. Fulgence	P.Q.	195 02
St. Gabriel de Kent	N.B.	46 21
St. Gédéon, Est	P.Q.	79 00
St. Gédéon Station	P.Q.	377 00
St. George	Man.	141 00
St. George de Malbaie	P.Q.	179 06
St. George's Channel	N.S	70 51
St. Gilbert	P.Q.	151 10
St. Gilbert (closed 1-8-17)	P.E.I.	.....
St. Grégoire	N.B.	50 00
Ste. Hélène de Chester	P.Q.	127 27
Ste. Hélène de la Croix	P.Q.	42 00

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
St. Hélier	P.Q.	45 00
St. Hilaire	N.B.	63 50
St. Hilaire de Dorset	P.Q.	62 71
St. Hilaire du Lac Saint Jean	P.Q.	131 00
St. Hilarion du Lac	P.Q.	29 00
St. Iguace	N.B.	105 50
St. Ignace de Loyola	P.Q.	100 00
St. Ignace de Québec	P.Q.	26 45
St. Ignace du Lac	P.Q.	285 60
St. Irénée les Bains	P.Q.	479 00
St. Isidore	N.B.	186 39
St. Isidore de Bellevue	Sask.	92 45
St. Isidore de Gaspé	P.Q.	54 50
St. Isidore Junction	P.Q.	68 97
St. Jean Baptiste	N.B.	104 00
St. Jean Port Joli Station	P.Q.	168 10
St. Joachim de Courval	P.Q.	105 00
St. Joachim de Shefford	P.Q.	301 80
St. Joseph	N.S.	36 25
St. Joseph	Man.	125 35
St. Joseph de Kent	N.B.	49 20
St. Joseph de Lepage	P.Q.	144 00
St. Joseph de Mékinac	P.Q.	125 88
St. Joseph de Moine	N.S.	193 00
St. Julien	Sask.	35 00
Ste. Julienne Station (closed 1-8-17)	P.Q.	3 00
St. Juste de Bretonnière	P.Q.	298 15
St. Kilda	Alberta	152 26
St. Labre	Man.	27 73
St. Laurent Grandin	Sask.	34 00
St. Lazare	N.B.	24 00
St. Lazare de Vaudreuil	P.Q.	249 23
St. Lazare Station	P.Q.	76 00
St. Léandre	P.Q.	202 40
St. Léandre Station	P.Q.	35 20
St. Léon	Man.	250 00
St. Léolin	N.B.	152 36
St. Léon, Hot Springs	B.C.	46 19
St. Léonard de Port Maurice	P.Q.	110 64
St. Liguori	P.Q.	279 35
St. Lina	Alberta	232 59
St. Louis de Bagot	P.Q.	36 31
St. Louis de Bonsecours	P.Q.	204 25
St. Louis de Champlain	P.Q.	160 00
St. Louis-Nazaire	P.Q.	181 50
St. Luc	N.B.	34 40
St. Luc	P.Q.	108 58
St. Luc de Matane	P.Q.	264 73
St. Luke	Sask.	29 00
St. Lucien	P.Q.	302 00
St. Majoric	P.Q.	220 00
St. Malachie Station	P.Q.	624 29
St. Malo	Man.	303 85
St. Marcel de L'Islet	P.Q.	282 36
St. Marcellin	P.Q.	28 72
Ste. Marguerite Bay Mill	P.Q.	197 15
Ste. Marguerite Station	P.Q.	212 29
Ste. Marie de Blandford	P.Q.	192 59
Ste. Marie de Charlevoix	P.Q.	16 00
St. Margaret Village	N.S.	58 70
Ste. Marie Salomée	P.Q.	302 05
St. Marks	Man.	151 75
St. Martins Station	Man.	315 55
St. Mary's East	N.S.	23 00
St. Marys of Ely	P.Q.	58 50
St. Marys River	N.S.	46 00
St. Marys Road	P.E.I.	319 05
St Mathias	P.Q.	141 20
St. Mathieu	P.Q.	359 00
St. Maure	N.B.	31 00
St. Maurice	N.B.	45 00
St. Maxime	P.Q.	204 35
St. Michel de Rougemont	P.Q.	356 98
St. Michel de Wentworth	P.Q.	33 75
St. Michel Station	P.Q.	111 00
Ste. Modeste	P.Q.	186 60
St. Moïse	P.Q.	311 00
St. Nazaire de Buckland	P.Q.	113 50
St. Nérée	P.Q.	247 50
St. Nérée Station	P.Q.	30 00
St. Nicholas, Est	P.Q.	37 70
St. Norbert	N.B.	24 25
St. Ola	Ont.	253 79
St. Onésime	P.Q.	93 64
St. Ouens	Man.	170 95
St. Ours Locks	P.Q.	210 68
St. Pacôme Station	P.Q.	137 00
St. Patrick	P.Q.	190 00
St. Patrick's Channel	N.S.	40 95
St. Paul de la Croix	P.Q.	206 49
St. Paul d'Industrie	P.Q.	251 00
St. Paul, Est	P.Q.	86 75
St. Paul's Island (summer office)	N.S.	51 70
St. Paul Station	Ont.	395 70
Ste. Pétronille	P.Q.	309 01
St. Perpétue Station	P.Q.	138 70
St. Philippe de Chester	P.Q.	65 35
St. Philips	Sask.	24 20
St. Pie de Guire	P.Q.	239 25
St. Pierre	N.B.	63 35
St. Pierre de Sorel (reopened 1-5-17)	P.Q.	21 00
St. Pierre de Wakefield	P.Q.	103 00
St. Pierre d'Orleans	P.Q.	130 10
St. Polycarpe Jonction	P.Q.	166 09
St. Raymond	Man.	37 20
St. Regmond	N.B.	34 00
St. Rédempteur	P.Q.	119 95
St. Régis	P.Q.	75 23
Ste. Rose	N.S.	40 00
Ste. Rose de Watford	P.Q.	355 40
Ste. Rose Station (summer office, opened 1-7-17)	P.Q.	21 35
Ste. Rosette	N.B.	31 50
Ste. Rufine (closed 1-5-17)	P.Q.	.....
Ste. Sabine	P.Q.	131 92
St. Samuel de Horton	P.Q.	211 71
St. Samuel Station	P.Q.	132 50
St. Sébastien Station	P.Q.	94 50
St. Sévère	P.Q.	180 66
St. Sévère Nord	P.Q.	21 67
St. Sévérin de Beaurivage	P.Q.	183 89
St. Simeon de Bonaventure	P.Q.	305 89
St. Sosime	N.B.	22 40
St. Sulpice	P.Q.	75 00
St. Séraphine	P.Q.	63 00
St. Swithin	Sask.	26 15
St. Térésa	P.E.I.	86 50
St. Térésa West	P.E.I.	12 00
Ste. Théodosie	P.Q.	142 20
St. Théodule	N.B.	18 00
St. Théophile	P.Q.	312 00
St. Thomas d'Aquin	P.Q.	254 00
St. Thomas de Caxton	P.Q.	31 00
St. Thomas de Kent	N.B.	74 70
St. Thomas de Soulanges	P.Q.	37 00
St. Thuribe	P.Q.	214 53
St. Valère de Bulstrode	P.Q.	209 58
St. Valérien de Rimouski	P.Q.	257 80
St. Victor Station	P.Q.	189 72
St. Vital	Man.	265 50
St. Yvon	P.Q.	144 33
Sable River	N.S.	207 43
Sable River, West	N.S.	371 75
Sacré Coeur de Marie	P.Q.	171 56
Sacred Heart	Alberta	115 04
Saddle Lake	Alberta	108 70
Sadowa	Ont.	94 50
Sagathun	Sask.	49 00
Sage Creek	Alberta	25 00
Sahanatien	Ont.	26 50
Saint Front	Sask.	28 15
Saint Olivier	N.B.	19 50
Saints Anges	P.Q.	278 52
Salaberry	P.Q.	57 00
Salem	Ont.	406 14
Salem	N.S.	274 00
Salem Road	N.S.	31 70
Salford	Ont.	315 80
Salina	N.B.	28 50
Saline Creek	Sask.	27 00
Salines (closed 1-9-17)	Ont.	107 00
Salkeld	N.B.	55 50
Salmon Bay	P.Q.	44 70
Salmondale	N.B.	50 00
Salmon Harbour	N.B.	39 00
Salmon River	N.B.	241 80
Salmon River	N.S.	36 00
Salmon River Bridge	N.S.	91 69
Salmon River Road	N.S.	19 65
Salmon River Lake	N.S.	10 00

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Saltburn	Sask.	106 95
Saltaux	Alberta	60 50
Saltel	Man.	41 16
Salter	Sask.	119 05
Salt Springs	N.B.	135 20
Salt Springs, Antigonish	N.S.	33 00
Salt Springs, Pictou	N.S.	194 73
Salt Springs Station	N.S.	54 31
Sambro	N.S.	420 65
Samburg	Sask.	48 00
Samsonton	Alberta	233 00
Samson	P.Q.	24 70
Samsonville	N.S.	42 45
Sanborn	P.Q.	42 00
Sand Banks	Ont.	20 00
Sand Bay (closed 15-9-17)	Ont.	18 90
Sand Beach	N.S.	10 00
Sandfield	Ont.	137 40
Sandford	Ont.	259 80
Sandford Dene	Sask.	267 95
Sand Hill	P.Q.	59 00
Sandilands	Man.	125 20
Sand Lake	Ont.	89 70
Sandown	Ont.	109 15
Sandspit	B.C.	44 71
Sand Point	N.S.	90 60
Sand Point Road	N.B.	4 50
Sandridge	Man.	244 45
Sandringham	Ont.	96 30
Sand River	N.S.	57 05
Sandstone	Alberta	95 35
Sandville	N.S.	89 10
Sandwith	Sask.	148 00
Sandy Creek	P.Q.	51 00
Sandy Beach Centre	P.Q.	244 97
Sandy Hook	Man.	50 25
Sandy Point (summer office)	Ont.	128 00
Sangster	Ont.	21 00
San Josef Bay	B.C.	63 00
Sans Souci (summer office)	Ont.	256 00
Sarrail	Alberta	17 00
Sarcee Butte (closed 11-2-18)	Alberta	54 00
Sargent	N.B.	17 00
Sartigan	P.Q.	24 05
Sarto	Man.	31 00
Sarty's	N.S.	48 00
Saskatta	Alberta	24 00
Saskatoon Sub-office 3	Sask.	*a*
Saturna	B.C.	200 90
Saulnierville Station	N.S.	136 50
Sault à la Puce	P.Q.	54 73
Sault au Mouton	P.Q.	264 00
Sault St. Lin	P.Q.	113 70
Sault Ste. Marie, Sub-office No. 1 (opened 1-6-17)	Ont.	*c*
Savanne	Ont.	260 85
Savary Island	B.C.	133 95
Savoie	P.Q.	18 00
Savoy	N.B.	73 50
Savoy Landing	N.B.	34 00
Sawdy	Alberta	28 50
Sawyer	Sask.	22 64
Saxby	Sask.	33 00
Seadouc	N.B.	55 00
Scanterbury	Man.	18 00
Scarf (closed 1-1-18)	B.C.	74 75
Scarsdale	N.S.	64 60
Scarth	Man.	159 55
Scatarie Island	N.S.	68 20
Schooner Passage (summer office)	B.C.	97 50
Schmidt	Sask.	136 95
Schuler	Alberta	517 70
Schutt	Ont.	114 79
Schwartz	P.Q.	69 50
Schyan	P.Q.	181 00
Science Hill	Ont.	172 20
Sclater	Man.	223 58
Scoble, West	Ont.	84 00
Scollard	Alberta	451 50
Scotch Bay	Man.	114 24
Scotch Hill	N.S.	5 00
Scotch Hill, East	N.S.	18 50
Scotch Lake	N.S.	69 60
Scotch Ridge	N.B.	60 80
Scotch Road	P.Q.	10 00
Scotch Settlement	N.B.	60 00
Scotfield	Alberta	245 40
Scotia	Ont.	347 62
Scotland Farm	Man.	47 99
Scott Mills	N.B.	58 70
Scott Road	N.B.	24 00
Scott's Bay	N.S.	328 62
Scott Siding	N.B.	106 09
Scottsdale	Alberta	42 40
Scout Lake	Sask.	55 89
Scribner	N.B.	27 00
Scrip	Sask.	46 50
Scroggie Creek	Yukon	36 00
Scudder	Ont.	487 55
Scugog	Ont.	102 16
Seabright	N.S.	188 02
Seabrook	N.S.	31 00
Sea Cow Pond	P.E.I.	20 00
Sea Dog Cove	N.B.	26 85
Seafoam (closed 1-5-17)	N.S.	
Seafoam, East (closed 1-15-17)	N.S.	
Seaford (opened 1-1-17)	B.C.	37 31
Seaforth	N.S.	123 00
Sea Gull	Ont.	41 60
Seal	Alberta	34 50
Seal Cove	P.Q.	89 25
Seal Harbour	N.S.	92 15
Seal Island	N.S.	129 02
Seamo	Man.	29 50
Sea Otter Cove	B.C.	32 00
Sea Side	N.B.	67 74
Seaview	N.S.	76 00
Sea View	P.E.I.	360 86
Seba Beach	Alberta	158 00
*b*Sechart	B.C.	88 85
Second Falls	N.B.	194 11
Second Peninsula	N.S.	15 00
Secretan	Sask.	327 00
Secret Cove (closed 1-6-17)	B.C.	14 00
Sedalia	Alberta	636 47
Seebe	Alberta	199 90
Seech	Man.	36 25
Seely	Ont.	49 70
Sefferensville	N.S.	48 75
Selkirk Road	P.E.I.	25 00
Sellars	Ont.	101 00
Sellarville	P.Q.	98 39
Selmah	N.S.	286 63
Selwood	N.B.	48 53
Selwyn	Ont.	71 00
Semiwagan Ridge	N.B.	44 00
Senkiw	Man.	39 05
Senneville	P.Q.	196 20
Septième Lac (summer office) opened 1-8-17)	P.Q.	19 00
Serath	Sask.	29 50
Sesikinika Lake	Ont.	374 87
Seton Lake	B.C.	86 70
Seven Lakes	B.C.	52 00
Sévigny	P.Q.	58 50
Sevogle	N.B.	42 00
Sewell (opened 1-8-17)	B.C.	45 83
Sewell Brook	N.B.	26 68
Sewellville	N.B.	40 00
Seymour	Alberta	103 40
Shad Bay	N.S.	42 00
Shady Grove	Sask.	9 61
Shaftesbury	Alberta	16 00
Shalka	Alberta	30 00
Shamrock Valley	Alberta	6 00
Shanawan	Man.	210 00
Shand	Sask.	144 00
Shandleigh (closed 1-11-17)	Alberta	28 85
Shanick	Ont.	36 03
Shankin	N.B.	25 10
Shannon	P.Q.	17 30
Shannon	N.B.	215 60
Shannonvale	N.B.	50 00
Sharp (closed 1-11-17)	N.B.	13 00
Sharp Corners	Ont.	60 80
Sharpewood	Man.	68 20

a For Revenue *see* under Sask. Sub-Offices. *b*Reopened 1-5-17, closed 1-1-18.
*c*For Revenue *see* under Sault Ste. Marie Sub-Office.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue. $ cts.
Shawanaga	Ont.	163 66
Shaw Brook	N.B.	6 00
Sheatown	Ont.	27 00
Sheba	N.B.	50 25
Shebeshkong	Ont.	77 90
Shediac Bridge	N.B.	242 85
Shediac Island	N.B.	25 00
Shediac Road	N.B.	60 00
Sheerness	Alberta	299 01
Sheerway	P.Q.	25 00
Sheet Harbour Road	N.S.	62 25
Sheet Harbour Passage	N.S.	120 00
Sheffield Mills Station	N.S.	317 16
Sheffield Mills	N.S.	345 20
Sheila	N.B.	280 30
Shekatika Bay (opened 1-8-17)	P.Q.	15 00
Sheldrake	P.Q.	33 05
Shell Lake	Sask.	120 75
Shell River	Sask.	160 00
Shelter Bay	P.Q.	35 00
Shenley, East	P.Q.	62 00
Shenley, Nord	P.Q.	10 00
Shenston	Ont.	73 50
Shepenge	Alberta	20 00
Shepody Road	N.B.	13 00
Sheppardton	Ont.	169 25
Sheridan	Ont.	208 00
Shergrove	Man.	111 60
Sherwood	Ont.	45 50
Shigawake East (opened 3-5-17)	P.Q.	212 92
Shillington	Ont.	135 00
Shillingthorpe	Sask.	12 00
Shingle Creek (closed 15-7-17)	B.C.	4 00
Shining Bank	Alberta	53 50
Shinnickburn	N.B.	8 00
Ship Harbour Lake	N.S.	232 70
Shippigan Guliey	N.B.	24 20
Shippigan Island	N.B.	119 05
Shirley	B.C.	41 70
Shoal Creek	Alberta	9 00
Shoolbred	P.Q.	156 20
Shooter Hill	Sask.	39 50
Shoreacres	B.C.	168 02
Short Beach	N.S.	120 20
Shortdale	Man.	189 80
Shrewsbury	P.Q.	39 20
Shulie	N.S.	364 27
Shunacadie	N.S.	214 45
Shushartie	B.C.	93 35
Sidcup	Alberta	59 20
Sideview	Alberta	40 00
Sidney Inlet (opened 1-5-17)	B.C.	180 75
Sibertville (closed 27-12-17)	Alberta	34 25
Siglunes	Man.	46 25
Sight Point	N.S.	6 00
Silcote	Ont.	95 79
Silicia Lake	N.S.	35 00
Sillikers	N.B.	82 51
Siloam	Ont.	81 50
Silver Bay	Man.	22 00
Silver Grove	Sask.	89 45
Silver Hill	Ont.	182 00
Silver Isle (summer office)	Ont.	
Silver Lake	Ont.	59 98
Silver Mountain	Ont.	190 52
Silver Mine	N.S.	25 65
Silver Park	Sask.	43 91
Silver Ridge (opened 1-8-17)	Man.	24 86
Silver Springs	Sask.	25 45
Silver Stream	Sask.	134 27
Silver Valley	B.C.	46 20
Simard	P.Q.	38 75
Simcoe Island	Ont.	41 00
Similkameen	B.C.	145 60
Simons Valley	Alberta	29 24
Simpson Corner	N.S.	131 10
Simpson's Pitt	Ont.	51 90
Singleton	Ont.	336 35
Sinnett	Sask.	32 00
Sirko	Man.	45 54
Sirdar	B.C.	277 44
Sissiboo Falls	N.S.	21 02
Sisson Ridge	N.B.	68 05
Six Mile Creek	B.C.	193 72
Six Nations	Ont.	79 00
Six Portages	P.Q.	69 70
Six Roads	N.B.	109 25
Sixty-nine Corners	Ont.	56 01
Skalholt (closed 1-1-17)	Man.	7 00
Skaro	Alberta	93 37
Skerryvore (summer office)	Ont.	140 00
Skibo	Ont.	31 10
Skibbereen	Sask.	12 00
Skidegate	B.C.	134 85
Skipton (closed 4-1-18)	Sask.	68 25
Skir Dhu	N.S.	32 85
Skookumchuck	B.C.	62 40
Skull Creek	Sask.	71 00
Sky Glen	N.S.	55 60
Skye Glen East	N.S.	19 00
Skylake	Man.	29 20
Sky Mountain	N.S.	5 00
Slate Falls	Ont.	56 02
Slate River Valley	Man.	175 85
Slateville	N.S.	28 00
Slawa	Alberta	24 25
Sletten	Sask.	36 75
Slocan Park	B.C.	82 35
Sluice Point	N.S.	172 15
Smithburg	Sask.	24 00
Smithfield	N.S.	37 00
Smith Hill	Man.	71 50
Smith's	N.B.	141 00
Smith's Corner	N.B.	58 20
Smith Settlement	N.S.	82 00
Smith Town	N.B.	74 62
Smithsville	N.S.	132 20
Smoky Lake	Alberta	318 00
Snell	N.B.	28 21
Sniatyn	Alberta	439 80
Snider Mountain	N.B.	67 90
Snipe Lake (opened 15-9-17)	Sask.	75 00
Snow Road Station	Ont.	365 28
Snowville	Ont.	69 54
Soapstone Mine	N.S.	36 00
Sober Island	N.S.	146 00
Social Plains	Alberta	42 50
Socrates	Sask.	113 50
Soda Creek	B.C.	304 47
Soda Lake	Alberta	308 57
Sokal	Sask.	43 00
Solberg	Alberta	57 68
Soldier's Cove	N.S.	101 10
Solomon	P.Q.	61 10
Solsqua	B.C.	285 10
Sonier	N.B.	30 50
Sonningdale	Sask.	457 49
Soperton	Ont.	264 20
Sopoff	Sask.	40 00
Sorrento	B.C.	406 70
Sounding Lake	Alberta	46 50
Sourisford	Man.	68 70
Souris Valley (reopened 1-7-17)	Sask.	58 25
South	N.S.	85 40
South Alton	N.S.	60 00
South Bar of Sydney River	N.S.	67 50
South Bathurst	N.B.	210 00
South Bay	N.B.	67 00
South Bay	N.S.	162 80
South Bay Mouth	Ont.	157 55
South Beach	P.Q.	47 50
South Branch	N.S.	92 80
South Branch	N.B.	46 05
South Brook (closed 30-6-17)	N.S.	
South Bulkley	B.C.	145 80
South Canaan	N.S.	23 40
South Clones	N.B.	63 00
South Cove	N.S.	64 36
South Dudswell	P.Q.	45 05
South East Passage	N.S.	68 00
South Esk	N.B.	40 18
South Ferriby	Alberta	40 00
Southfield	N.B.	55 00
South Gillies	Ont.	107 81
South Greenwood	N.S.	34 75
South Harbour	N.S.	34 00
South Harmony	N.S.	11 01
South Highlands	N.S.	6 00
South Ingonish Harbour	N.S.	40 19
South Johnville	N.B.	22 60

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
South Junction	Man.	237 20
South Lancaster	Ont.	330 07
South Lochaber	N.S.	55 20
Southmag (summer office)	Ont.	15 00
South Manchester	N.S.	24 75
South McLellan's Mountain	N.S.	22 05
South Melfort	Sask.	69 20
South Milford	N.S.	172 10
Southminster	Sask.	23 90
South Minto	N.B.	589 12
South Merland	N.S.	13 00
South Nelson Road	N.B.	92 00
South Pender	B.C.	130 85
Southport	P.E.I.	230 40
South Port Mann	B.C.	27 95
South Port Morien	N.S.	44 50
South Range	N.S.	83 65
South Rawdon	N.S.	206 00
South Rhodena	N.S.	16 20
South River	N.B.	78 70
South River Bourgeoise	N.S.	63 04
South River Lake	N.S.	73 50
South St. Norbert	N.B.	44 90
South Salt Springs	N.S.	6 00
South Side Basin of River Dennis	N.S.	118 50
South Side of Baddeck River	N.S.	54 26
South Side of Boularderie	N.S.	53 50
South Star	Sask.	28 00
South Tatamagouche	N.S.	20 00
South Tilly	N.B.	61 20
South Touchwood	Sask.	25 00
South Tremont	N.S.	15 00
South Uniacke	N.S.	100 75
South Vale	N.S.	34 50
South Valley	Sask.	61 50
South Victoria	N.S.	48 00
Southview	Sask.	58 70
Southville	N.S.	52 00
South Waterville	N.B.	18 25
South West, Lot 16	P.E.I.	14 10
South West Mabou	N.S.	35 00
South West Margaree	N.S.	189 01
South West Point	P.Q.	10 40
South West Port Hood	N.S.	58 25
South West Port Mouton	N.S.	186 05
South West Ridge	N.S.	24 00
Southwold Station	Ont.	509 59
Southwood	Ont.	69 70
Sowerby	Ont.	269 44
Spanish Ship Bay	N.S.	154 85
Spapley Creek	P.Q.	34 00
Spa Springs	N.S.	80 55
Spearhill	Man.	143 45
Speddington	Sask.	64 53
Spence	Ont.	72 42
Spencer's Island	N.S.	422 62
Spennymoor	Alberta	25 00
Speyer (closed 1-8-17)	Sask.	9 00
Spiddle Hill	N.S.	20 08
Spiller River (closed 1-8-17)	B.C.	
Spinney Hill	Sask.	176 00
Spirit Lake (reopened 1-5-17)	P.Q.	90 00
Spooner	Sask.	69 00
Sporran	Sask.	21 75
Spring Bank	Alberta	85 75
Spring Bay	Ont.	247 00
Sprinbourne	Sask.	46 25
Springbrook	P.Q.	69 38
Spring Coulée	Alberta	779 90
Spring Creek	Sask.	87 35
Spring Creek	Ont.	26 00
Springdale	N.S.	31 32
Springdale	Alberta	123 70
Springfield	Man.	170 86
Springfield Park (opened 20-12-17)	P.Q.	21 50
Spring Grove	Sask.	69 00
Springhaven	N.S.	174 59
Springhouse	B.C.	59 70
Springhurst	Man.	100 20
Spring Lake	Alberta	79 25
Springpark	Alberta	6 50
Spring Point	Alberta	53 78
Springridge	Alberta	95 00
Springstein	Man.	61 20
Springtown	Ont.	32 50
Springville	N.S.	203 63
Sproat	B.C.	68 50
Sproule Settlement	N.B.	5 50
Spruce Creek	Man.	32 25
Sprucefield	Alberta	65 25
Spruce Home (closed 31-8-17)	Sask.	5 00
Spruce Hedge	Ont.	28 90
Spry Harbour	N.S.	222 00
Spurgrave	Man.	83 30
Square Hill	Sask.	38 02
Squatteck	P.Q.	108 50
Squilax	B.C.	170 15
Squirrel Cove	B.C.	86 74
Stagsburn	P.Q.	39 70
Stainsleigh	Alberta	44 01
Standard Hill	Sask.	20 60
Stand Off	Alberta	142 50
Stanger	Alberta	127 70
Stanhope	P.Q.	166 50
Stanhope	P.E.I.	159 95
Stanley	Ont.	205 50
Stanley House (summer office)	Ont.	49 00
Stanley Section	N.S.	44 00
Stanleyville	Ont.	35 20
Stanwoods Beach (summer office)	N.S.	48 00
Staplehurst	Alberta	102 75
Stapleby	B.C.	60 45
Staples Brook	N.S.	35 10
Star	Alberta	66 05
Starblanket	Sask.	45 50
Starkeys	N.B.	105 75
Starkville	Ont.	65 20
Starnesborough	P.Q.	183 20
Starrat	Ont.	48 25
Starview	Sask.	61 00
Station Bilodeau	P.Q.	83 04
Stauffer	Alberta	161 35
Staunton (closed 22-12-17)	Alberta	23 50
Stavert	Ont.	42 40
Staynor Hall	Sask.	133 00
Steam Mill Village	N.S.	77 00
Steeledale	Sask.	17 60
Steeles Lake	N.S.	9 00
Steelhead	B.C.	72 50
Steelman	Sask.	215 83
Steenburg	Ont.	191 10
Steep Creek	Sask.	20[illegible] 20
Steep Creek	N.S.	49 00
Steep Rock	Man.	383 40
Steeves Mountain	N.B.	70 60
Steeves Settlement	N.B.	49 60
Stelcam	Sask.	81 00
Stellaco	B.C.	134 20
Stenson	P.Q.	239 40
Sterlingville	Alberta	234 00
Stetten	Alberta	27 45
Stewart Lake	Man.	13 25
Stewart Valley	Sask.	155 60
Stewartdale	N.S.	4 00
Stewarton	N.B.	68 75
Stewart River	Yukon	37 20
Stewiacke Cross Roads	N.S.	239 97
Stickney	N.B.	260 00
Stiles Village	N.B.	33 00
Still Water	N.S.	97 00
Stillwater	B.C.	422 54
Stirling	N.S.	58 25
Stirling Brook	N.S.	48 00
Stirling Falls	Ont.	71 05
Stocks	Alberta	139 30
Stoddarts	N.S.	24 00
Stokeville	Alberta	19 20
Stone	Sask.	249 25
Stoneham	P.Q.	108 12
Stonehenge	Sask.	78 75
Stonehurst	N.S.	80 15
Stonelaw	Alberta	167 50
Stoneleigh	Ont.	68 25
Stone Ridge	N.B.	70 93
Stony Creek	N.B.	33 00
Stony Hill	Man.	59 20
Stony Island	N.S.	230 75
Stoneyroyd (closed 1-1-18)	Sask.	12 11
Stony Lake	Sask.	180 52
Stonyview	Sask.	17 00

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Storie	Ont.	32 75
Stormont	N.S.	123 06
Storthoaks	Sask.	497 23
Stowlea	Sask.	15 00
Strachan, late Vetchland (1-4-17)	Alberta.	44 70
Straiton	B.C.	236 30
Strand	Sask.	30 56
Standby (closed 1-5-17)	B.C.	3 00
Strange	Ont.	206 54
Strangfield	Ont.	73 95
Strathadam	N.B.	106 00
Strathewen	Man.	20 25
Strawberry Hill	B.C.	157 65
Streets Ridge	N.S.	31 00
Streamstown	Alberta.	121 00
Strickland (opened 10-9-17)	Ont.	21 25
Strong Pine	Sask.	63 50
Struan	Sask.	27 00
Stry	Alberta.	118 85
Stubb's Bay	P.Q.	136 84
Stump Lake	B.C.	87 00
Sturdee	Sask.	19 10
Sturgeon Bay	Ont.	85 00
Sturgeon Creek	Man.	271 59
Sturgeon Point (summer office)	Ont.	581 00
Sturgeon River	Sask.	71 20
Sturgeon Valley	Sask.	179 15
Sturgeonville	Alberta.	49 40
Sucker Lake	Ont.	67 35
Sudbury Jct.	Ont.	24 15
Suffolk Station	P.E.I.	17 00
Suffren	Man.	112 91
Sugar Camp	N.S.	27 02
Sugar Loaf	N.S.	48 00
Sugden	Alberta.	38 50
Sullivan Lake	Alberta.	189 00
Sulphur Springs	Alberta.	175 90
Sulphur	Yukon.	24 70
Summercove	Sask.	125 38
Summer Hill	N.B.	134 84
Summerlea	P.Q.	30 75
Summerview	Alberta.	39 50
Summerville	Ont.	160 60
Summerville	P.E.I.	138 40
Summerville Centre	N.S.	84 06
*a*Summit Lake	B.C.	81 30
Sunbeam	Alberta.	17 75
Sundown	Man.	159 20
Sundre	Alberta.	337 22
Sundridge (closed 1-5-17)	N.S.	
Suniebend	Alberta.	65 00
Sunkist	Sask.	178 15
Sunland	Alberta.	47 50
Sunny Bank	P.Q.	175 00
Sunnybrook	Alberta.	26 30
Sunnycorner	N.B.	265 24
Sunnydale	Alberta.	62 88
Sunny Isle	Sask.	17 70
Sunnymead	Sask.	59 00
Sunnynook	Alberta.	310 76
Sunnyside	N.B.	55 25
Sunnywold	B.C.	19 00
Sunrise	N.S.	16 00
Sunset Cape North	N.S.	32 51
Sunville	Man.	16 00
Superior Junction	Ont.	218 00
Surge Narrows	B.C.	49 70
Surprise	Sask.	23 00
Surretteville	N.B.	15 01
Surrey	N.B.	420 65
Sussex Military Camp	N.B.	
Sussex Corner	N.B.	950 00
Suquash	B.C.	5 00
Sutherland's River	N.S.	41 15
Sutton	N.B.	138 90
Sutton Bay	Ont.	44 00
Swansburg	N.S.	128 50
Swannell	Sask.	12 60
Swan Plain	Sask.	44 00
Swarthmore	Sask.	200 00
Sweenyville	N.B.	12 00
Sweetland	N.S.	15 00
Sweet's Corners	N.S.	169 00
Swift Creek, late Cranberry Lake (1-1-18)	B.C.	239 00
Sybouts	Sask.	56 80
Sydney Forks	N.S.	76 86
Sydney River	N.S.	214 55
Sylvan	Man.	62 40
Sylvan Valley	Ont.	113 37
Sylvan Valley	N.S.	28 00
Sylvania	Sask.	20 45
Synton	N.B.	13 00
Sypher's Cove (closed 1-11-17)	N.B.	13 00
Syringa Creek	B.C.	67 05
Tache Station	Ont.	34 50
Talon	P.Q.	39 50
Takusk Harbour	B.C.	94 70
Tain	Ont.	20 80
Talbot	Alberta.	171 15
Talbotville Royal	Ont.	312 37
Tamaracouta (summer office)	P.Q.	61 00
Tambling's Corners	Ont.	*a*
Tancredia	P.Q.	159 48
Tangleflags	Sask.	63 20
Tanglefoot	B.C.	220 00
Tankville	N.B.	21 01
Tansley	Ont.	115 55
Tantallon	N.S.	156 00
Tarbot	N.S.	58 00
Tarbotvale	N.S.	54 00
Tarentorus	Ont.	186 19
Tarrys	B.C.	132 00
Tartigou	P.Q.	139 00
Tarves	Alberta.	31 02
Tashota	Ont.	181 10
Tatamagouche Mountain	N.S.	56 20
Tatehurst	P.Q.	137 45
Tatla Lake	B.C.	37 75
Tatlock	Ont.	37 97
Taunton	Ont.	127 50
Taylorboro	Sask.	34 50
Taylor's Head	N.S.	18 40
Taylorside	Sask.	68 02
Taylor Village	N.B.	63 36
Taylorville	Alberta.	307 50
Tay Settlement (closed 1-7-19)	N.B.	16 20
Teddington (closed 1-1-18, reopened 1-3-18)	Sask.	50 20
Teepee	Sask.	62 00
Teeterville	Ont.	311 47
Telegraph Creek	B.C.	205 80
Telford	N.S.	9 00
Temperance Vale	N.B.	37 48
Tenby	Man.	205 13
Tenby Bay	Ont.	78 00
Teneeape	N.S.	84 70
Ten Mile Creek	N.B.	54 85
Tennex	Sask.	38 25
Terrence	Man.	334 45
Terrence Bay	N.S.	122 88
Terra Nova	Ont.	167 00
Terra Nova	N.S.	40 00
Teslin	Yukon.	37 50
Teston	Ont.	62 70
Tête la Baleine	P.Q.	3 00
Tête Jaune Cache (late Henningville 1-7-17)	B.C.	112 58
Tetreaultville	P.Q.	*b*
Tewkesbury	P.Q.	18 00
Tezarton	Sask.	12 00
Thalberg	Man.	108 00
The Beach (closed 9-11-17)	B.C.	167 32
The Bluffs	N.B.	34 65
The Cottages (summer office)	Ont.	35 00
The Falls	N.S.	153 75
The Glades	N.B.	48 00
The Halfway	Man.	37 20
The Hawk	N.S.	108 00
Thelma	Alberta.	413 55
The Lodge	N.S.	34 25
The Manor (closed 1-6-17)	N.B.	3 00
The Narrows	Man.	61 70
The Points West Bay	N.S.	75 80
The Range	N.B.	122 15

a Reopened 1-11-17. *b* For Revenue *see* under Montreal Sub-Offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Theresa	Sask.	111 35
Thériault	N.B.	30 00
The Ridge	Ont.	58 60
The Slash	Ont.	65 00
Thetford Sud	P.Q.	416 20
The Willows	N.B.	67 20
Thibeauville	N.S.	65 79
Thistle Creek	Yukon	37 20
Thistletown	Ont.	172 50
Thivierge	P.Q.	161 50
Thomasville	N.S.	60 70
Thompson	Alberta	71 36
Thompson Lake	N.B.	10 00
Thorah Island (summer office)	Ont.	.....
Thorel House (summer office, opened 18-7-17)	Ont.	38 00
Thornbrook	N.B.	21 00
Thornby	P.Q.	74 50
Thorne Centre	P.Q.	18 09
Thorsby	Alberta	21 60
Three Brooks	N.B.	154 45
Three Fathom Harbour	N.S.	60 25
Three Forks (closed 7-11-17)	B.C.	97 00
Three Lakes	P.Q.	108 90
Three Mile Plains	N.S.	296 14
Three Valley	B.C.	95 20
Throne	Alberta	151 00
Thrums	B.C.	186 25
Thunder Hill	Man.	60 00
Thunder River	P.Q.	135 43
Thurstonia Park (summer office)	Ont.	270 00
Thwaites	Ont.	53 00
Tiddville	N.S.	60 40
Tide Lake	Alberta	145 32
Tidnish Bridge	N.B.	179 73
Tidnish River	N.S.	103 70
Tilley	N.B.	107 00
Tillicum	B.C.	373 50
Tilly	Sask.	25 20
Tilley Road	N.B.	86 89
Tilney	Sask.	317 70
Timagimi Park (summer office)	Ont.	.....
Timberlea	N.S.	56 50
Timiskaming Station	P.Q.	582 35
Tinchebray	Alberta	83 85
Tingley	N.B.	16 00
Tioga	Ont.	52 50
Tipperary	Man.	16 00
Titanic	Sask.	92 00
Titusville	N.B.	127 48
Tlell	B.C.	35 50
Tobermory	Ont.	672 46
Tobique Narrows	N.B.	31 00
Tobique River	N.B.	34 70
Tod Creek	Alberta	43 75
Tolland	Alberta	182 60
Tolman	Alberta	26 50
Tolstoi	Man.	366 80
Tomahawk	Alberta	151 33
Tomkinsville	N.S.	12 00
Toney Mills (closed 1-5-17)	N.S.	6 00
Toney River (closed 1-5-17)	N.S.	4 00
Tongue Creek	Alberta	20 20
Tonkin (opened 1-6-18)	Sask.	81 00
Tooleton	N.B.	120 64
Topaz Harbour	B.C.	94 29
Topland	Alberta	20 00
Torbay	N.S.	51 59
Torbrook	N.S.	116 41
Torbrook, East	N.S.	60 00
Torbrook, West	N.S.	144 96
Torlea	Alberta	41 10
Toronto, Earlscourt (closed 10-1-18 and reopened 31-1-18)	Ont.	.....
Toronto, Rusholme Road (closed 24-4-17 and reopened 31-5-17)	Ont.	.....
Toronto, Sub-Office No. 13	Ont.	*a*
Toronto, Sub-Office No. 72	Ont.	*a*
Toronto, Sub-Office No. 77	Ont.	*a*
Toronto, Sub-Office No. 79	Ont.	632 00
Toronto, Sub-Office No. 107	Ont.	*a*
Toronto, Sub-Office No. 108	Ont.	*a*
Toronto, Sub-Office No. 157 (reopened 13-3-17)	Ont.	.....
Torryburn	N.B.	217 95
Totonka	Man.	38 00
Touchwood Hills (closed 1-12-17)	Sask.	20 00
Touffe des Pins	P.Q.	88 08
Tourelle	P.Q.	195 02
Tourville	P.Q.	452 05
Toutes Aides	Man.	235 40
Tow Hill	B.C.	14 23
Tracadie Beach	N.B.	75 00
Tracadie Cross	P.E.I.	279 00
Tracadie Road	N.S.	6 00
Tracey's Mills	N.B.	102 69
Trafalgar	Ont.	246 45
Trafalgar	N.S.	18 00
Trait Carré	P.Q.	55 00
Tramore	Ont.	94 30
Tramville	B.C.	251 90
Tranquille	B.C.	787 00
Tranter	Man.	46 80
Trapp Lake	B.C.	50 00
Treelon	Sask.	50 00
Trelydden	Man.	32 87
Tremblay Settlement	N.B.	43 09
Tremont	N.S.	63 50
Trentham	Man.	35 01
Trent River	Ont.	293 35
Trenville	Alberta	81 25
Trewdale	Sask.	107 30
Tring	Alberta	227 47
Trinity Valley	B.C.	43 70
Triple Lake	Sask.	31 60
Tripola	Alberta	187 00
Tristram	Alberta	80 10
Triton Fishing Club (summer office)	P.Q.	102 50
Trois Saumons	P.Q.	137 31
Trois Saumons Station	P.Q.	75 94
Trottier	P.Q.	112 14
Trout Brook	N.B.	82 00
Trout Brook	N.S.	49 70
Trout River	N.S.	63 70
Trout Stream	N.B.	67 50
Troy	N.S.	26 70
Trudeau	Ont.	62 05
Truemanville	N.S.	43 00
Tuberose	Sask.	146 75
Tulsa	Sask.	29 20
Tullymet	Sask.	270 90
Tumbell	Man.	35 25
Tupperville	N.S.	180 50
Turenne (closed 20-4-17)	P.Q.	1 00
Turgeon	P.Q.	43 50
Turgeon	N.B.	233 80
Turin	Alberta	260 15
Turnhill	Sask.	13 10
Turnerville	Ont.	386 14
Turriff	Ont.	193 09
Turtle Creek	N.B.	252 65
Turtle Lake	Ont.	66 64
Turtle River	Man.	52 96
Tuscola	Sask.	47 75
Tutela	Ont.	*b*
Tuxedo	Man.	345 00
Tway	Sask.	70 00
Tweedie Brook	N.B.	10 00
Twickenham	Sask.	63 25
Twin Hill	Sask.	66 75
Twining	Alberta	227 58
Twin Lakes (closed 1-3-18)	Sask.	25 00
Twin Rock Valley	N.S.	33 00
Twin Valley	Sask.	25 00
Two Creeks	Man.	401 20
Two Hills	Alberta	113 40
Two Rivers	N.S.	69 70
Tyner (closed 30-9-17)	Sask.	40 00
Tzouhalem	B.C.	107 00
Udora	Ont.	308 96
Ufford	Ont.	110 10
Uhthoff	Ont.	274 13
Ukrania	Man.	164 03

a For Revenue *see* under Toronto Sub-Offices. *b* For Revenue *see* under London Sub-offices.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Ullswater	Ont.	98 11
Umphrey	Sask.	22 50
Underhill	N.B.	155 00
Undine	N.B.	18 00
Union Creek	Ont.	93 40
Union Mills	N.B.	76 20
Union Point	Man.	87 50
Union Road	P.E.I.	96 95
Uno	Man.	237 95
Union Square	N.S.	52 75
Upper Abougoggin	N.B.	82 00
Upper Baddeck River	N.S.	30 25
Upper Balmoral	N.B.	89 00
Upper Barney River	N.S.	41 55
Upper Bass River	N.S.	50 50
Upper Bay du Vin	N.B.	97 12
Upper Bedford	P.Q.	505 23
Upper Bertrand	N.B.	90 00
Upper Big Tracadie	N.S.	61 40
Upper Blackville	N.B.	162 25
Upper Blandford	N.S.	49 00
Upper Branch	N.S.	106 75
Upper Brighton	N.B.	55 00
Upper Buctouche	N.B.	69 80
Upper Burlington	N.S.	87 80
Upper Cape	N.B.	95 46
Upper Caraquet	N.B.	329 66
Upper Charlo	N.B.	190 45
Upper Chelsea	N.S.	54 45
Upper Clyde River	N.S.	42 45
Upper Coverdale	N.B.	10 00
Upper Derby	N.B.	71 75
Upper Dorchester	N.B.	181 00
Upper Dover	N.B.	31 50
Upper Dundee	N.B.	25 00
Upper Economy	N.S.	113 00
Upper French Village	N.B.	19 50
Upper Gaspereau	N.B.	33 00
Upper Glencoe	N.S.	19 00
Upper Glen Road	N.S.	7 50
Upper Golden Grove	N.B.	16 45
Upper Goshen	N.B.	30 25
Upper Grand Mira	N.S.	37 00
Upper Greenwich	N.B.	118 80
Upper Hampstead	N.B.	53 00
Upper Hat Creek	B.C.	63 50
Upper Kempt Head	N.S.	33 20
Upper Kemptown	N.S.	17 00
Upper Keswick	N.B.	156 35
Upper Kingsburg	N.S.	54 75
Upper Kintore	N.B.	37 00
Upper La Have	N.S.	247 05
Upper Lakeville	N.S.	60 50
Upper Lawrencetown	N.S.	11 00
Upper Leitch's Creek	N.S.	12 00
Upper Loch Lomond	N.B.	44 00
Upper Main River	N.B.	64 00
Upper Malagash (closed 1-11-17)	N.S.	9 00
Upper Margaree	N.S.	16 00
Upper Melbourne	P.Q.	341 85
Upper Middleboro	N.S.	142 10
Upper Middle River	N.S.	76 70
Upper Mills	N.B.	38 50
Upper Naas	B.C.	55 45
Upper Nappan	N.S.	22 00
Upper Nelson	N.B.	96 80
Upper New Cornwall	N.S.	49 68
Upper New Harbour	N.S.	138 00
Upper New Horton	N.B.	59 86
Upper New Port	N.S.	165 00
Upper North River	N.S.	24 00
Upper Ohio	N.S.	19 20
Upper Peel	N.B.	13 20
Upper Rawdon	N.S.	259 42
Upper Rexton	N.B.	78 93
Upper River Dennis	N.S.	21 30
Upper Rockport	N.B.	49 54
Upper St. Maurice	N.B.	17 40
Upper Ste. Rose	N.B.	40 00
Upper St. Simon	N.B.	22 00
Upper Sackville	N.B.	505 00
Upper Siegas	N.B.	26 60
Upper Smithfield	N.S.	26 00
Upper South River	N.S.	123 70
Upper South West Mabou	N.S.	39 40
Upper Springfield	N.S.	24 00
Upper Squamish	B.C.	66 00
Upper Tantallon	N.S.	113 54
Upper Tilley Road	N.B.	30 00
Upper Washabuck	N.S.	48 15
Upper Wedgeport	N.S.	85 00
Upper West New Harbour	N.S.	43 75
Upper Whitehead	N.S.	24 00
Upper Wood Harbour	N.S.	31 00
Upsalquitch	N.B.	202 77
Urbania	N.S.	133 00
Urbinville (closed 7-4-18)	P.E.I.	
Urney (closed 15-10-17)	N.B.	8 00
Urquharts	N.B.	30 50
Ursa	Ont.	20 25
Usherville	Sask.	82 65
Usk	B.C.	287 80
Usona	Alberta	74 25
Vachon	P.Q.	76 80
Vaillancourt (closed 6-8-17)	P.Q.	
Valbrand	Sask.	168 95
Valcartier	P.Q.	132 55
Valcartier, Village	P.Q.	166 86
Val d'Amour, late Seven Mile Ridge (1-2-18)	N.B.	48 00
Valdor	P.Q.	58 60
Vale	Alberta	53 20
Valencay	P.Q.	112 70
Valenciennes	P.Q.	17 20
Valentia	Ont.	247 88
Vale Perkins	P.Q.	177 35
Val Franc	Ont.	64 30
Valin	P.Q.	29 00
Valjean	Sask.	319 37
Vallée Ste. Claire	Sask.	24 10
Valhalla	Alberta	96 00
Vallentyne	Ont.	123 80
Valleville	P.Q.	45 51
Valley Centre	Sask.	63 41
Valley Mills	N.S.	29 00
Valley Station	N.S.	62 34
Valley Stream	Man.	101 46
Vallican	B.C.	49 70
Valmont	P.Q.	176 50
Val Marie	Sask.	75 50
Val Morin Station (summer office)	P.Q.	277 00
Valois	P.Q.	177 25
Val Ombreuse	P.Q.	67 82
Valor	Sask.	404 07
Valpoy	Man.	31 00
Val Soucy (opened 1-5-17)	Alberta	72 45
Vanarsdol	B.C.	108 45
Vance	Sask.	89 10
Vanbrugh	Ont.	43 00
Van Bruyssel	P.Q.	731 97
Vancouver Sub-office No. 17 (opened 10-1-18)	B.C.	
Vancouver Postal Station A	B.C.	
Vandeleur	Ont.	65 00
Vandura	Sask.	261 50
Vandyne	Alberta	41 00
Vanesti	Alberta	66 00
Vankoughnet	Ont.	122 27
Vannes	Man.	60 80
Vanrena	Alberta	199 69
Vansickle	Ont.	30 50
Van Winkle	B.C.	170 62
Vargas	B.C.	42 87
Vassar	Man.	342 97
Vauban	P.Q.	224 32
Vautour	N.B.	52 23
Vauvert	P.Q.	302 86
Vaucluse	P.Q.	141 45
Vaughan	N.S.	155 00
Vauquelin	P.Q.	8 30
Vavenby	B.C.	178 10
Vedder Crossing	B.C.	91 80
Veillette	Alberta	188 30
Veilleux	P.Q.	69 50
Venlaw	Man.	54 00
Vennacher	Ont.	181 90
Verdant	Sask.	34 50

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Verdant Valley	Alberta	28 50
Vera	Sask.	331 45
Verbois	P.Q.	51 00
Vermilion Bay	Ont.	267 08
Verna	Sask.	79 70
Vernal	N.S.	20 00
Verndale	Sask.	27 00
Vernon Mines	N.S.	12 00
Vernon River	P.E.I.	288 34
Verschoyle	Ont.	243 34
Vestfold	Man.	25 00
Vesuvius	N.S.	27 00
Vezina's Corner	P.Q.	27 00
Victor	Alberta	132 79
Victoria	N.S.	58 50
Victoria Sub-Office No. 2	B.C.	*b*
Victoria Sub-Office No. 6	B.C.	*b*
Victoria Sub-Office No. 8	B.C.	*b*
Victoria Sub-Office No. 9	B.C.	*b*
Victoria Sub-Office No. 10	B.C.	*b*
*a*Victoria Beach (summer office)	Man.	106 50
Victoria Bridge	N.S.	56 65
Victoria Corners	Ont.	90 00
Victoria Harbour	N.S.	58 25
Victoria Line	N.S.	27 25
Victoria Mines	N.S.	193 40
Victoria Plains (closed 31-1-18)	Sask.	29 50
Victoria Vale	N.S.	166 50
Victory (closed 1-12-17)	N.S.	14 00
Victory	N.B.	16 08
Vidir	Man.	139 55
Vieille Eglise	P.Q.	174 92
Vienneau	N.B.	46 26
Viewfair (closed 1-3-18)	Sask.	16 00
Viewfield	Sask.	249 00
View Hill	B.C.	250 00
Vigilant	Sask.	37 40
Village Belanger	P.Q.	33 00
Village Blier (opened 1-11-17)	P.Q.	117 75
Villagedale	N.S.	88 30
Village La Prairie	N.B.	13 00
Village St. Augustin	N.B.	19 00
Village St. Croix	N.B.	47 00
Village St. Irenee	N.B.	17 25
Village St. Jean	N.B.	29 00
Village St. Paul	N.B.	33 50
Village St. Pierre	N.B.	27 02
Villa Lea	Sask.	18 50
Ville Bouvier	Sask.	23 75
Villebranche	Sask.	55 40
Ville Gnay	P.Q.	88 00
Ville La Salle	P.Q.	399 78
Villemay	P.Q.	167 20
Villemontel (opened 18-7-18)	P.Q.	136 50
Ville Real	P.Q.	80 00
Villeroy	P.Q.	197 21
Vimy (opened 21-5-17)	Alberta	119 85
Vinca	Alberta	62 50
Vincennes	P.Q.	292 94
Vincent	N.B.	55 26
Vinoit	P.Q.	54 00
Vinton	P.Q.	263 18
Violet Hill (closed 1-8-17)	Ont.	14 00
Virgil	Ont.	309 75
Virginia East	N.S.	34 70
Vivian	Ont.	75 50
Vivian Station	Man.	198 65
Voght Valley	B.C.	53 50
Vogler's Cove	N.S.	384 12
Volga	Man.	15 00
Vroomanton	Ont.	113 28
Waasis Station (closed 1-6-17)	N.B.	15 00
Waba	Ont.	211 50
Wabasca	Alberta	110 99
Wabassee	P.Q.	86 01
Wabun	Ont.	35 00
Wacouta	Man.	10 00
Wadden Cove	N.S.	15 20
Washams	B.C.	309 10
Wagarville	Ont.	146 95
Wagram	Ont.	15 00
Wahstao	Alberta	166 20
Wah Tay Beg	Ont.	55 50
Waitville	Sask.	57 70
Wako	Ont.	108 70
Waldeck Line	N.S.	41 50
Walden	N.S.	64 00
Waldersea	Man.	91 00
Waldorf	Sask.	64 90
Waldville	Sask.	378 00
Walkerburn	Man.	49 10
Walkers	Ont.	451 00
Walkers Cutting	P.Q.	76 70
Walkers Point	Ont.	193 99
Walkerville	N.S.	125 76
Walkleyburg	Man.	20 00
Wallace Bridge	N.S.	419 90
Wallace Highlands	N.S.	67 08
Wallace Mill	P.Q.	22 00
Wallace Point (closed 1-12-17)	Ont.	13 00
Wallace Ridge (closed 1-11-17)	N.S.	64 43
Wallace Station	N.S.	209 89
Wallard	Sask.	168 78
Wallbrook	N.S.	38 00
Wallenstein	Ont.	486 02
Wallmore (opened 1-3-18)	Man.	8 00
Walnut Grove	B.C.	31 20
Walpole Island	Ont.	268 35
Wampum	Man.	69 37
Wamsley	Ont.	35 84
Wandsworth	Sask.	63 45
Wanganui	Sask.	27 00
Wanikewin	Ont.	174 75
Waniska	Sask.	94 32
Wapashoe	Sask.	40 25
Wapske	N.B.	371 25
Warburg	Alberta	6 00
Wardenville	Sask.	94 00
Ward's Brook	N.S.	115 69
Warmley	Sask.	19 00
Warnock	Sask.	38 00
Warspite	Alberta	171 45
Warwick	Alberta	352 33
Wasa	B.C.	335 95
Wasel	Alberta	164 65
Washabuck Bridge	N.S.	17 10
Washabuck Centre	N.S.	31 00
Wasing	Ont.	79 15
Wassewa	Man.	35 00
Wastena	Alberta	50 50
Watauga (closed 1-5-17)	N.S.	
Watch Lake (opened 1-5-17)	B.C.	48 36
Waterborough	N.B.	78 40
Waterfield	Sask.	11 25
Waterford	N.S.	115 50
Waterford	N.B.	139 95
Water Glen	Alberta	192 50
Waterloo	N.S.	35 00
Waternish	N.S.	31 00
Waterside	N.S.	46 00
Waterside	N.B.	159 35
Waterton Park (reopened 15-6-17)	Alberta	86 00
Watervale	N.S.	83 02
Watford	N.S.	48 50
Watling	N.B.	18 25
Watts (opened 1-10-17)	Alberta	137 00
Watt Section, Sheet Harbour	N.S.	166 00
Wattsburg	B.C.	174 63
Wattsford	Alberta	41 86
Waubamick	Ont.	86 65
Waugh	N.B.	29 00
Waugh	Alberta	172 86
Waugh's River	N.S.	143 41
Waupoos	Ont.	307 47
Wawashkesh (summer office)	Ont.	265 00
Wavy Bank	Man.	34 68
Wavy Creek	Sask.	20 00
Wavy Lake	Alberta	41 29
Wawbewawa	Ont.	117 75
Waybrook	Alberta	24 00
Waweig	N.B.	121 35
Wawbeek	Sask.	18 25
Wayerton	N.B.	11 00

a Reopened 11-6-17.

Non-Accounting Post Offices—*Continued.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Wealthy	Alberta	34 50
Weatherly	N.S	57 00
Weaver	N.B	52 70
Weaver Settlement	N.S	26 00
Weaver Siding	N.B	32 60
Webster's Corners	B.C	66 20
Weedon Centre (closed 1-3-18)	P.Q	86 25
Weir	Ont	60 50
Weirstead	P.Q	147 80
Welby	Sask	151 92
Welcome Harbour (closed 1-5-17)	B.C	
Welland Junction	Ont	364 88
Wellfield Settlement (opened 8-12-17)	N.B	21 16
Welling	Alberta	78 02
Wellington	N.S	91 55
Wellington Station	N.S	80 50
Wellnage	Sask	111 75
Wells	N.B	17 00
Wells Brook	N.B	36 00
Wellsdale	Alberta	92 00
Wellsville	Alberta	30 25
Welsford Road	N.S	20 00
Welshtown	N.S	6 00
Welton's Corner	N.S	40 00
Wenham Valley	Alberta	35 00
Weno	Alberta	283 50
Wensley	Ont	97 31
Wentworth	N.S	137 47
Wentworth Creek	N.S	15 00
Wentworth Station	N.S	332 00
Wentzell's Lake	N.S	80 00
Wesley	Ont	32 00
Wesleyville	Ont	113 75
West Advocate	N.S	130 00
West Alba	N.S	49 70
West Apple River	N.S	29 35
Westasta Valley	Sask	33 00
West Aylwin	P.Q	135 95
West Bacearo	N.S	39 44
West Bay Centre	N.S	106 50
West Bay Road	N.S	437 78
West Berlin	N.S	125 28
West Branch, St. Nicholas River	N.B	71 09
Westbridge	B.C	178 57
Westbrook	N.S	150 00
Westbury Basin	P.Q	10 00
West Caledonia	N.S	66 45
Westchester	N.S	24 70
Westchester Lake	N.S	26 00
West Chezzetcook	N.S	158 25
West Clifford	N.S	42 70
Westcock	N.B	59 75
West Cooks Cove	N.S	36 00
Westcott	Alberta	87 50
West Demars	B.C	148 98
West Devon	P.E.I	214 01
West Ditton	P.Q	8 00
West Earltown	N.S	18 00
Westerdale	Alberta	188 75
West Erinville	N.S	35 00
Westerham	Sask	367 97
Westerleigh	Sask	108 25
Westerly	N.S	26 00
Western Head	N.S	58 00
Westfield	Ont	18 00
Westfield	N.S	30 75
Westfield Centre	N.B	313 00
West Flamborough	Ont	317 63
West Glassville	N.B	76 65
West Grove	Ont	16 00
West Guilford	Ont	92 95
West Hall	Man	12 50
West Hamilton	Ont	410 25
Westham Island	B.C	80 00
Westhazel	Sask	60 35
West Head	N.S	232 00
West Ingonish	N.S	78 93
West Jeddore	N.S	207 36
Westlake	Sask	28 10
West Lakeville	N.S	25 00
West Lawrencetown	N.S	82 17
West Liscombe	N.S	57 01
West Lochaber	N.S	24 70
West Mabou Harbour	N.S	7 00
Westmere	B.C	25 70
West Merigomish	N.S	182 80
West Middle Sable	N.S	63 60
Westmoreland Point	N.B	860 00
Westmoor	Sask	64 75
West New Annan (closed 1-5-17)	N.S	15 00
West Newdy Quoddy	N.S	204 60
West-Northfield	N.S	138 00
Weston	N.S	186 50
West Peace River	Alberta	180 75
West Petpeswick	N.S	33 15
West Port Clyde	N.S	125 00
West Quaco	N.B	269 75
West River	N.B	80 35
West Roachvale	N.S	47 40
West St. Andrews	N.S	22 49
West Salisbury (closed 17-8-17)	Alberta	9 00
West Shore	Sask	122 00
West Side of Middle River	N.S	86 82
West Springhill	N.S	26 25
West Tarbot	N.S	18 50
West Tatamagouche	N.S	28 00
Westview	Sask	21 00
Westward Ho	Alberta	99 36
West Waterville	N.B	16 00
West Wingham	Alberta	54 15
West Winnipeg	Man	30 75
Wexford	Ont	95 00
Weymouth Falls	N.S	44 00
Weymouth Mills	N.S	85 00
Wharncliffe	Ont	152 65
Wharton	N.S	51 75
Whatcheer	Alberta	109 20
Whatshan (closed 1-5-17)	B.C	
Wheat Centre	Alberta	44 00
Wheatley River	P.E.I	151 65
Wheaton Mills	N.B	46 50
Wheaton Settlement	N.B	58 00
Wheat Valley (closed 16-6-17)	Sask	8 50
Wheatwyn	Sask	5 00
Whitebeech	Sask	54 09
Whistle Mine	Ont	76 82
White	Ont	16 00
Whiteburn Mines	N.S	43 00
Whitecourt	Alberta	226 20
White Fish Lake	P.Q	41 00
White Fish Lake	Alberta	37 00
Whitehall	Ont	119 95
White Head Percé	P.Q	177 10
Whitehead	N.B	73 10
White Head	N.B	237 70
White Lake	B.C	12 50
Whiteman Creek	B.C	35 11
Whitemouth Lake	Man	46 10
Whitemud	Sask	49 50
White Point	N.S	23 00
White Rapids	N.B	21 68
White Rock Mills	N.S	106 10
White Sand	Sask	28 00
White's Brook	N.B	134 77
White's Corner	N.S	31 00
White's Cove	N.B	293 50
Whiteside	Ont	195 88
Whiteside	N.S	64 39
White's Lake	N.S	30 00
White's Mills	N.B	30 65
White's Mountain	N.B	8 00
White's Settlement	N.B	41 00
Whitestone	Ont	209 90
White Sulphur	B.C	89 02
White Star	Sask	53 70
Whitewood Grove	Ont	136 50
Whitford	Alberta	122 72
Whitkow	Sask	109 00
Whitney	N.B	152 86
Whitton	Alberta	8 00
Whitworth	P.Q	473 32
Whycocomagh Bay (North side)	N.S	35 00
Whycocomagh Mountain	N.S	1 00
Whycocomagh Portage	N.S	15 45
Whytewold	Man	362 76
Wickham	N.B	186 40
Wideview	Sask	88 55
Wien	Alberta	15 12
Wiggins	Sask	34 25
Wigwam (closed 1-10-17)	Ont	13 10

Non-Accounting Post Offices—*Concluded.*

Name of Post Office.	Province.	Revenue.
		$ cts.
Wikwemikong	Ont.	209 24
Wile Settlement	N.S.	34 25
Wilbert	Sask.	59 45
Wilburn	N.S.	39 00
Wildmere	Alberta.	182 69
Wild Oak	Man.	9 75
Wild Rose	Sask.	201 30
Wildunn	Alberta.	124 25
Wileville	N.S.	9 00
Wilfrid	Ont.	203 25
Wilkin Siding	N.S.	169 44
Willard Mills	P.Q.	22 00
Willen	Man.	270 25
Willesden Green	Alberta.	41 05
William	P.Q.	72 50
Williamsdale	N.S.	27 00
Williams Lake	B.C.	57 00
Williams Point (reopened 1-10-17)	N.S.	22 00
William's Siding	B.C.	97 40
Willmont	Sask.	50 50
Willow Bunch	Sask.	2,375 78
Willowdale	Ont.	449 15
Willowdale	N.S.	61 00
Willowfield	Sask.	29 06
Willow Grove	N.B.	20 50
Willow Hill	Sask.	20 89
Wilow River	B.C.	292 60
Willowlea (opened 8-8-17)	Alberta.	55 75
Willowmoor (closed 2-3-18)	Sask.	26 25
Willow Ridge	Sask.	9 00
Willowvale	Sask.	70 70
Willow Spring	Sask.	41 00
Willowview	Man.	55 17
Wilmot Valley	P.E.I.	75 74
Wilson	Ont.	85 00
Wilson Creek	B.C.	36 85
Wilson Lake	Sask.	68 00
Wilson Landing	B.C.	56 70
Wilson's Corners	P.Q.	151 35
Wilson's Mills	P.Q.	132 00
Wilson's Point	N.B.	5 00
Wilsonville	Ont.	450 89
Wilton Grove	Ont.	625 40
Wilton Park	Alberta.	28 25
Wimborne	Alberta.	214 70
Windham Hill (closed 1-6-17)	N.S.	6 25
Windsor	N.B.	226 48
Windsor Forks	N.S.	268 75
Windsor Junction	N.S.	380 98
Windsor Lake	Sask.	32 50
Windygates	Man.	132 70
Windy Lake	Ont.	94 65
Wine Harbour	N.S.	232 92
Wine River	N.B.	56 00
Wingard	Sask.	113 50
Wingle	Ont.	52 10
Wingello	Sask.	104 25
Winnington	Alberta.	376 30
Winnipeg Sub-office No. 19 (opened 4-2-18)	Man.	*a*
Winside	Sask.	17 00
Winsloe	P.E.I.	208 90
Winsloe Road	P.E.I.	23 50
Winslow, South	P.Q.	88 20
Winthorpe	Sask.	49 00
Winton	Sask.	54 45
Winton Hill	Sask.	20 00
Wisawasa	Ont.	28 85
Wisdom	Alberta.	23 00
Wishart	Sask.	251 80
Wishart Point	N.B.	63 00
Wisla	Man.	25 00
Wiste	Alberta.	331 08
Wistario	B.C.	71 95
Witchekan	Sask.	151 77
Wittenburg	N.S.	90 25
Wiwa Hill	Sask.	94 24
Woden River (closed 1-11-17)	B.C.	
Woermke	Ont.	45 35
Wolf Creek	Alberta.	181 56
Wolfe	Ont.	100 63
Wolf Lake	P.Q.	110 77
Wolf River Ranch (opened 15-11-17)	Alberta.	18 00
Wolverine (closed 21-7-17)	Sask.	45 00
Wolverton	Ont.	314 47
Wood	Ont.	33 00
Wood Bay	Man.	123 25
Woodbend	Alberta.	44 75
Woodbine	N.S.	34 00
Woodbourne	N.S.	27 40
Woodburn	Ont.	120 00
Woodfield	N.S.	26 00
Woodfield	Man.	51 11
Woodglen	Alberta.	21 25
Woodhouse	Alberta.	214 63
Woodington (summer office)	Ont.	150 00
Wood Island	N.B.	40 70
Wood Islands, North	P.E.I.	273 50
Wood Islands, West	P.E.I.	43 00
Wood Lake	N.B.	10 00
Woodlands (closed 15-2-18)	N.B.	24 00
Woodlight	Sask.	10 00
Woodman's Point	N.B.	310 00
Woodmore	Man.	117 99
Wood Point	N.B.	59 50
Wood River	Alberta.	18 44
Woodrock	Sask.	27 70
Woodroffe	Ont.	227 50
Woodroyd	Man.	68 75
Woodside	P.Q.	49 25
Woodside	Man.	97 00
Woodside	N.B.	59 55
Woodside (closed 1-6-17)	N.S.	
Woodvale	N.S.	32 50
Woodville	N.S.	52 00
Woodville	P.E.I.	15 00
Woodville	N.B.	38 00
Woodward's Cove	N.B.	223 95
Woolchester	Alberta.	60 50
Woolford Station	Alberta.	234 20
Woonona (closed 1-1-18)	Man.	8 00
Wordsworth	Sask.	439 50
Wostok	Alberta.	159 04
Wreck Cove	N.S.	43 70
Wrightville	Sask.	31 25
Wyborn	Ont.	76 75
Wyatt Bay	B.C.	147 52
Wycollar	Sask.	162 15
Wyecombe	Ont.	364 69
Wyers Brook (closed 15-11-17)	N.B.	15 09
Wylie	Ont.	102 65
Wynot	Sask.	161 95
Wynndell	B.C.	330 55
Wyse's Corner	N.S.	51 50
Wyvern	N.S.	26 20
Yankee Harbour	N.S.	42 00
Yarm	P.Q.	139 83
Yarmouth Centre	Ont.	77 31
Yarrow	B.C.	88 00
Yates	Alberta.	35 48
Yearley's	Ont.	76 50
Yeomans	Sask.	229 40
Yetwood	Alberta.	101 35
Yoho Island (summer office)	Ont.	
Yone	N.B.	32 00
Yonker	Sask.	295 20
York-Centre	P.Q.	100 20
York-Mills	Ont.	218 69
Youghall	N.B.	30 00
Young's Cove	N.B.	175 00
Zalicia	Man.	35 00
Zant	Man.	39 20
Zawale	Alberta.	48 20
Zbaraz	Man.	16 00
Zehner	Sask.	223 20
Zaneta	Sask.	207 50
Zenith (closed 9-11-17)	Alberta.	56 50
Zenon Park	Sask.	118 52
Zeta	Ont.	34 25
Zetland	Alberta.	105 50
Zhoda	Man.	45 00
Zincton	B.C.	114 06
Ziska	Ont.	76 40
Zoldovaro	Alberta.	20 25
Zoria	Man.	23 00
Zorra	Sask.	14 74
Zwickers	N.S.	11 00

a For Revenue *see* under Winnipeg Sub-Offices.

ANNUAL REPORT

OF THE

DEPARTMENT OF THE INTERIOR

FOR THE

Fiscal Year ended March 31, 1918

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
J. DE LABROQUERIE TACHÉ
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1919

[No. 25—1919.]

To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc., etc., Governor General and Commander in Chief of the Dominion of Canada.

MAY IT PLEASE YOUR EXCELLENCY:

The undersigned has the honour to lay before Your Excellency the report of the transactions of the Department of the Interior for the fiscal year ending March 31, 1918.

Respectfully submitted,

A. MEIGHEN,
Minister of the Interior.

OTTAWA, July 2, 1918.

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" " " " " Saskatoon 21
" " " " " Swift Current 22
" " " " " Winnipeg 23
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REPORT

OF THE

DEPARTMENT OF THE INTERIOR

1917-18

The Hon. ARTHUR MEIGHEN,
Minister of the Interior,
Ottawa.

I have the honour to submit the forty-fifth Annual Report of the Department of the Interior, for the twelve months ending the 31st March, 1918.

Settlement in Dominion Lands throughout the West has been as satisfactory as the existing conditions would permit, and the revenue of the department shows a slight increase.

Preliminary plans for the establishment of a board to deal with the settlement of returned soldiers are now under way, and every possible effort has been put forth anticipating the requirements of the returned soldier as regards Dominion lands. Any lands becoming available for settlement under the Dominion Lands Act are immediately withdrawn from ordinary settlement so that the returned soldiers may have the first opportunity of location thereon.

The work carried on by the various branches of the department has been eminently satisfactory, as shown by the condensed statements hereunder and the more detailed reports of the individual branches.

STATEMENT showing Gross Cash Receipts received from all sources during the fiscal year ended March 31, 1918, compared with the receipts for the previous fiscal year.

Source of Revenue.	Fiscal Years.		Increase.	Decrease.	Net Increase.
	1917–18.	1916–17.			
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Dominion Lands	4,557,438 61	4,189,905 55	367,533 03		
School Lands	2,836,216 40	1,699,370 06	1,136,846 34		
Ordnance Lands	7,929 75	5,553 26	2,376 49		
Seed Grain	2,613,708 67	3,652,729 05		1,039,020 38	
Casual Revenue	9,074 15	15,618 26		6,544 11	
Registration Fees—Yukon	562 25	796 85		234 60	
Fines and Forfeitures	170 00		170 00		
Fines and Forfeitures—N.W.T.	383 00	95 00	288 00		
Fines under Immigration Act	3,133 00	2,089 72	1,043 28		
Chinese Immigration Revenue	336,757 00	140,487 00	196,270 00		
Sales of Lands, Special Account	626,203 49	407,125 71	219,077 78		
	10,991,576 32	10,113,770 46	1,923,604 95	1,045,799 09	877,805 86

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STATEMENT of Receipts on account of Dominion Lands Revenue for the fiscal year ended March 31, 1918, as compared with the receipts for the previous fiscal year.

Particulars.	1917-18.	1916-17.	Increase.	Decrease.	Net Increase.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Homestead Fees	83,180 00	112,110 20		28,930 20	
Pre-emption Fees	7,870 00	14,690 00		6,820 00	
Purchased Homestead Fees	2,040 00	2,660 00		620 00	
Improvements	88,198 99	111,071 53		22,872 54	
Pre-emption Sales under Act 1908	2,596,932 35	2,326,402 52	270,529 83		
Purchased Homestead Sales	245,834 54	254,017 48		8,182 94	
General Sales	191,729 12	112,636 24	79,092 88		
Map Sales, Office Fees, etc	12,066 22	13,976 95		1,910 73	
Rentals of Land	10,603 38	10,112 04	491 34		
Survey Fees	7,915 99	6,638 68	1,277 31		
Timber Dues	482,006 25	429,403 09	52,603 16		
Grazing Rental	125,300 69	128,341 50		3,040 81	
Grazing Lands, Improvements	1,172 60	1,639 80		467 20	
Coal Lands	334,889 57	323,740 72	11,148 85		
Hay Permits	10,861 62	9,834 20	1,027 42		
Mining Fees	59,679 31	57,907 25	1,772 06		
Hydraulic Leases	2,273 23	2,338 50		65 27	
Dredging Leases	2,943 45	1,540 86	1,402 59		
Export Tax on Gold	81,650 55	99,043 07		17,392 52	
Free Certificates for Export of Gold	35 00	38 00		3 00	
Stone Quarries	7,117 30	7,795 48		678 18	
Irrigation Fees	458 75	629 00		170 25	
Rent of Water-power	1,210 00	600 00	610 00		
Irrigation Sales	11,595 54	14,147 75		2,552 21	
Fees re Board of Examiners, D.L.S	250 00	560 00		310 00	
Patent and Interchange Fees	160 00	250 00		90 00	
Suspense Account	3,598 95	3,890 34		291 39	
Interim Receipt Account, Yukon	153 00	190 00		37 00	
Sand, Stone and Gravel	1,094 98	2,089 46		994 48	
Petroleum	124,179 69	92,242 37	31,937 32		
Forestry Branch—Sale of Trees, etc	3,907 50	3,054 22	853 28		
Fishing Permits	67 00	81 00		14 00	
Potash Leases	60 00		60 00		
Miscellaneous	4,242 52	381 85	3,860 67		
Rocky Mountain Park	43,632 08	40,290 93	3,341 15		
Jasper Park	5,292 83	2,828 73	2,464 10		
Waterton Lakes	1,307 65	1,332 00		24 35	
Yoho Park	502 40	385 36	117 04		
Buffalo Park	142 46	257 23		114 77	
Elk Island Park	1 00	8 25		7 25	
Glacier Park	331 90	542 25		210 35	
Moose Mountain Buffalo Park		1 50		1 50	
Antelope Park	905 20	205 20	700 00		
Fort Anne Park	45 00		45 00		
	4,557,438 61	4,189,905 55	463,334 00	95,800 94	367,533 06
Refunds	113,680 44	134,243 14		20,562 70	
	4,443,758 17	4,055,662 41	463,334 00	75,238 24	388,095 76

In addition to $191,729.12 on account of general sales, the department received $626,203.49 from sales of railway lands, which sum, as provided for by Orders in Council, has been credited to special accounts in the books of the Finance Department.

STATEMENT showing Receipts on Account of Dominion Lands, from July 1, 1872, to March 31, 1918.

Fiscal Year.	Homestead Fees.	Pre-emption Fees.	Improvements.	Sales.		Map Sales, Office and Registration Fees, etc.	Dominion Lands Surveyors' Examination Fees.	Rents, Survey Fees, Miscellaneous, including Trust Account.	Purchased, Homestead, Inspection, Cancellation and Sundry Fees.	Timber Dues.
				Cash.	Scrip.					
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
1872–73	6,960 00			19,170 20						109 25
1873–74	7,310 00			19,834 75				125 50		2,710 55
1874–75	11,510 00			13,666 90		129 00				2,335 25
1875–76	4,680 00			3,478 94	320 00					387 00
1876–77	2,250 00			1,085 86	136,955 16	4 00		100 00	40 00	320 00
1877–78	14,540 00			2,794 86	120,159 54		180 00		290 00	1,620 00
1878–79	17,690 00			4,998 39	210,904 84	81 00	310 00	13 70	410 00	325 00
1879–80	41,255 00	10,241 43		45,708 97	81,685 86	245 40	580 00	183 25	1,780 00	25,121 46
1880–81	20,450 00	10,801 75	269 00	71,170 17	70,828 30	985 40	420 00	37 58		32,028 34
1881–82	54,155 00	39,843 90	1,758 00	1,240,328 27	50,590 84	3,036 45	890 00	58 10		58,753 14
1882–83	73,015 00	54,725 00	7,114 91	516,092 21	33,638 40	3,109 50	890 00	501 77	0 45	90,066 46
1883–84	41,580 00	28,810 00	2,596 11	424,863 36	40,919 67	1,289 55	530 00	45,766 53	1,713 00	147,983 10
1884–85	25,645 00	17,100 00	2,328 75	199,275 32	45,875 60	1,621 82	370 00	50,068 57	2,685 00	87,474 99
1885–86	26,110 00	14,371 00	1,101 50	76,140 41	214,657 97	1,339 34	360 00	20,070 00	5,025 40	64,820 31
1886–87	19,614 00	6,887 93	1,971 55	48,175 76	337,640 19	1,171 39	240 00	44,561 00	7,778 53	65,111 74
1887–88	23,691 00	4,830 00	1,918 35	52,238 36	313,522 67	1,660 75	240 00	20,591 41	12,078 50	94,964 55
1888–89	39,460 00	10,550 00	4,128 48	57,513 16	318,238 57	1,410 16	220 00	10,389 57	20,402 50	90,290 00
1889–90	35,920 00	8,580 00	3,250 54	54,896 85	228,744 47	2,099 07	190 00	3,316 23	20,232 50	84,642 95
1890–91	29,164 10		6,302 61	91,664 98	171,425 14	1,854 78	88 00	7,951 05	14,712 50	102,902 71
1891–92	46,994 00		6,472 31	108,901 01	97,822 41	2,147 31	135 00	29,898 49	23,104 00	106,461 35
1892–93	37,689 74		7,113 50	93,671 67	77,231 18	975 20	82 00	18,509 35	22,014 00	105,865 24
1893–94	36,462 26		3,497 76	53,254 71	27,840 96	973 11	40 00	13,457 09	11,097 90	81,290 51
1894–95	29,664 88		3,567 90	37,293 71	23,269 62	695 99		6,271 77	6,566 50	74,079 20
1895–96	18,278 00		3,163 15	46,373 98	46,929 65	610 78	50 00	21,679 31	6,810 50	61,923 47
1896–97	21,179 00		3,737 01	49,335 53	16,929 38	795 05	70 00	19,421 98	8,527 00	68,992 82
1897–98	34,780 00		5,649 63	80,178 64	28,918 14	1,987 40	10 00	21,242 66	10,042 50	119,313 78
1898–99	58,235 00		4,297 62	116,598 35	21,307 58	1,262 05	20 00	75,085 95	13,549 00	155,360 63
1899–1900	72,690 00		4,835 81	103,247 58	88,756 22	1,258 85	190 00	38,072 54	14,937 00	126,345 82
1900–1901	79,910 00		5,213 32	40,360 93	326 270 03	3,874 14	165 00	70,970 54	12,722 00	209,399 32
1901–1902	144,425 00		8,481 46	66,950 21	169,767 13	5,792 96	370 00	71,997 30	663 00	207,790 90
1902–1903	320,409 65		11,829 08	155,507 59	158,452 66	5,911 93	365 00	125,158 56	595 00	470,916 93
1903–1904	255,772 36		15,119 47	196,750 15	188,424 22	5,549 13	463 50	81,550 46	1,081 00	397,344 33
1904–1905	304,806 25		21,571 25	154,128 04	19,644 59	4,879 13	906 50	144,924 31	1,205 00	266,951 46
1905–1906	417,834 25		31,795 19	442,588 69	7,654 57	6,042 34	474 00	141,948 55	976 25	292,684 53
1906–1907 (nine months)	215,449 55		39,763 63	494,117 12	11,349 89	5,449 06	420 00	69,536 31	1,089 51	379,476 32
1907–1908	301,693 73		71,139 47	656,303 03	92,311 24	7,727 29	690 00	148,914 00	1,283 50	473,608 94

1908–1909	389,039 00	141,550 15	70,928 86	951,442 28	20,136 27	396 55	1,040 00	75,596 96	9,946 50	269,837 52
1909–1910	415,232 00	174,250 00	105,009 07	1,239,037 33	9,973 84	9,135 49	1,577 10	100,257 89	14,028 30	378,010 70
1910–1911	445,135 00	156,485 00	143,227 13	1,193,756 04	1,437 84	8,730 01	1,310 00	42,111 92	20,142 85	387,054 96
1911–1912	391,703 12	102,070 00	184,825 92	1,967,182 85	3,256 99	11,239 14	1,400 00	44,167 03	14,745 50	400,668 61
1912–1913	337,055 00	85,940 00	168,904 42	1,650,491 87	6,157 27	14,483 91	1,040 00	17,866 65	11,380 00	463,738 75
1913–1914	317,412 00	61,660 00	187,052 46	1,279,223 51	240 00	16,056 07	1,350 00	40,148 65	8,402 00	378,365 33
1914–1915	238,295 00	28,720 00	114,982 17	691,122 56	80 00	14,290 23	970 60	32,218 77	4,776 10	310,934 29
1915–1916	170,350 00	22,760 00	112,782 70	1,073,970 21	.....	11,485 83	470 00	19,495 98	3,475 00	378,960 68
1916–1917	112,110 20	14,690 00	112,711 33	2,707,203 99	332 61	13,976 95	560 00	21,212 91	2,910 00	429,403 09
1917–1918	83,180 00	7,870 00	89,371 59	3,046,091 55	131 47	12,066 22	250 00	26,513 84	2,200 00	482,006 25
Total	5,790,784 09	1,002,736 16	1,569,782 91	21,638,180 85	3,820,732 98	194,729 76	19,926 70	1,721,964 03	315,418 29	8,428,752 53

STATEMENT showing Receipts on Account of Dominion Lands from July 1, 1872, to March 31, 1918.

Fiscal Year.	Grazing Lands.		Hay, Coal, Mining, Stone Quarries Export Tax on Gold, etc.		Canadian National Park.	Colonization Lands.		Gross Revenue.	Refunds.	Net Revenue.
	Cash.	Scrip, etc.	Cash.	Scrip.		Cash.	Scrip.			
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
1872-73								26,239 45		26,239 45
1873-74								29,980 80		29,980 80
1874-75								27,641 15		27,641 15
1875-76								8,865 94		8,865 94
1876-77								140,755 02		140,755 02
1877-78								139,584 40		139,584 40
1878-79								234,732 93		234,732 93
1879-80								206,801 37	4,636 08	202,165 29
1880-81								206,990 54	5,038 22	201,952 32
1881-82	2,245 00		40 00			354,036 17		1,805,734 87	10,687 55	1,795,047 32
1882-83	22,844 43		913 91			248,492 01		1,051,403 60	8,746 05	1,042,657 55
1883-84	11,370 60		640 90			253,713 40		1,001,776 67	9,220 50	992,556 17
1884-85	17,089 75		815 63			1,214 22		451,564 65	12,070 85	439,493 80
1885-86	29,562 51	3,131 08	1,284 83					457,973 95	63,389 12	394,584 83
1886-87	14,242 77	39,487 67	1,570 40	80 00				588,532 80	19,543 16	568,989 64
1887-88	5,922 47	23,023 28	2,273 73	80 80	2,951 58		10,000 00	569,986 68	6,277 66	563,709 02
1888-89	2,207 69	16,802 63	3,946 55		2,528 73		16,000 00	594,088 04	5,226 23	588,861 81
1889-90	1,305 57	9,021 63	9,242 08		1,094 37			462,536 26	8,209 74	454,326 52
1890-91	3,079 55	16,193 77	8,628 44	160 00	2,397 35	5 28	4,460 50	460,990 76	7,195 27	453,795 49
1891-92	3,726 80	17,222 60	5,616 85		3,648 45			452,151 08	15,291 39	436,859 69
1892-93	6,380 80	11,542 39	6,266 13		4,983 23			392,324 43	18,314 97	374,009 46
1893-94	5,740 79	7,687 86	6,243 15		2,523 92			250,069 12	4,544 01	245,525 11
1894-95	5,353 72	8,628 00	5,229 54		2,321 87			202,983 10	4,365 99	198,617 11
1895-96	7,071 86	6,255 90	5,813 51		2,734 82			227,694 93	8,368 79	219,326 14
1896-97	4,715 01	2,500 00	8,518 18		2,132 11			206,853 57	15,010 54	191,843 03
1897-98	4,728 58	510 39	699,334 76		3,045 65			1,009,741 63	4,678 55	1,005,063 08
1898-99	5,245 88		1,130,371 60		2,994,16			1,584,328 32	32,296 39	1,552,031 93
1899-1900	8,382 86	4,083 30	1,038,195 42	20 00	2,727 60			1,503,743 00	23,062 28	1,480,680 72
1900-1901	4,726 28	14,671 99	1,101,808 33	20 00	4,047 31			1,874,159 09	18,368 85	1,855,790 24
1901-1902	7,292 46	8,409 27	737,878 43		*2,861 13			1,432,679 25	27,165 55	1,405,513 70
1902-1903	13,913 33	15,041 33	607,722 05		*5,063 69			1,890,886 83	21,519 84	1,869,366 99
1903-1904	19,790 27	15,202 15	495,579 18		*9,198 48			1,681,824 70	36,721 75	1,645,102 95
1904-1905	36,145 32	5,237 36	364,923 59		*14,059 55			1,339,382 35	25,786 90	1,313,595 45
1905-1906	51,583 89	80 00	296,769 19		18,883 83			1,709,315 28	33,418 36	1,675,896 92
1906-1907 (nine months)	43,711 91	400 00	213,852 59		*15,887 42			1,490,503 31	35,117 48	1,455,385 83
1907-1908*	43,211 78	4,048 01	266,415 31		27,322 87			2,094,579 17	115,080 04	1,979,499 13

1908–1909	53,312 79	3,257 84	252,972 17	.....	31,321 20	.....	.....	2,277,678 09	102,463 78	2,175,214 31
1909–1910	67,434 29	5,081 47	460,154 29	.....	43,264 36	.....	.....	3,022,446 13	121,431 15	2,901,014 98
1910–1911	60,702 80	2,356 00	774,569 27	.....	69,054 59	.....	.....	3,306,073 41	198,689 47	3,107,383 94
1911–1912	69,519 41	1,520 00	729,240 42	.....	56,497 74	.....	.....	3,978,036 73	197,641 35	3,780,405 38
1912–1913	79,412 76	.....	779,695 53	1,587 32	37,448 72	.....	.....	3,655,202 20	246,105 26	3,409,996 94
1913–1914	84,926 15	320 00	889,863 15	.....	48,800 33	.....	.....	3,313,819 65	277,309 33	3,036,510 32
1914–1915	101,710 58	400 00	1,600,455 09	.....	37,895 97	.....	.....	3,176,851 36	317,764 75	3,859,086 61
1915–1916	118,955 02	100 00	493,280 07	.....	37,493 53	.....	.....	2,443,630 92	143,942 57	2,299,697 35
1916–1917	128,341 50	.....	600,934 13	.....	45,851 45	.....	.....	4,190,238 16	134,243 14	4,055,995 02
1917–1918	125,300 69	240 00	630,427 95	.....	52,160 52	.....	.....	4,557 810 08	113,680 44	4,444,129 64
Total	1,271,107 87	242,515 92	14,231,487 25	1,947 32	593,106 53	857,461 08	30,460 50	61,731,194 77	2,452,613 35	59,278,581 42

STATEMENT showing Yearly the Gross Revenue (in cash only) received from all sources from July 1, 1897, to March 31, 1918.

Fiscal Year.	Dominion Lands.	School Lands.	Seed Grain.	Ordnance Lands.	Fines and Forfeitures.	Registration Fees.	Casual Revenue.	Chinese Immigration Revenue.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
1898–1899	1,563,020 74	41,249 77	12,388 69	12,349 65	2,801 03	19,220 73	2,620 91	.....	1,653,651 52
1899–1900	1,410,883 48	220,874 78	15,271 84	11,043 53	1,452 92	21,751 90	3,664 00	.....	1,684,942 45
1900–1901	1,533,197 07	48,049 83	15,711 63	14,604 41	1,977 96	33,979 77	1,587 57	.....	1,649,108 30
1901–1902	1,254,333 56	193,410 75	20,293 06	16,967 36	1,955 61	50,854 99	3,900 62	.....	1,541,715 95
1902–1903	1,716,597 20	392,206 93	28,789 97	17,612 79	5,220 88	81,404 18	2,230 26	.....	2,244,062 21
1903–1904	1,478,106 33	233,769 62	26,122 30	30,494 34	5,911 92	109,233 73	3,402 94	.....	1,887,041 18
1904–1905	1,314,485 40	332,914 48	16,471 34	10,346 90	10,018 49	123,082 86	4,258 14	.....	1,811,577 61
1905–1906	1,701,580 71	608,960 79	12,577 29	10,893 17	3,304 77	180,310 73	8,496 09	.....	2,526,123 55
1906–1907 (nine months)	1,478,749 51	724,353 73	10,850 06	6,663 90	21 00	46,124 20	11,785 81	.....	2,278,548 21
1907–1908	1,998,219 92	708,045 83	12,899 84	8,674 95	1,650 00	2,256 65	20,069 03	.....	2,751,816 22
	15,449,173 92	3,503,836 51	171,376 02	139,651 06	34,314 58	668,219 74	62,015 37	.....	20,028,587 20
1908–1909	2,254,283 98	687,422,74	53,590 86	205,749 96	281 00	1,352 13	26,224 29	.....	3,228,901 96
1909–1910	3,007,390 82	1,292,259 95	175,152 72	189,902 48	211 00	1,471 49	42,625 96	.....	4,709,014 42
1910–1911	3,302,279 57	1,614,733 93	153,351 14	6,009 34	4,052 22	1,378 19	11,336 06	.....	5,093,140 45
1911–1912	3,973,259 74	1,594,533 96	119,634 13	11,566 46	10,510 48	1,066 05	32,824 65	971,339 00	6,714,734 47
1912–1913	3,647,457 61	1,621,508 11	171,342 87	60,607 80	7,150 35	1,241 25	22,873 55	3,549,242 00	9,081,423 54
1913–1914	3,313,259 65	1,215,822 37	176,736 89	5,805 98	7,888 50	966 50	27,884 47	2,644,593 00	7,392,957 36
1914–1915	3,177,386 73	943,717 00	68,263 56	4,416 64	5,828 00	969 85	11,738 10	588,124 00	4,800,443 88
1915–1916	2,443,479 92	934,965 37	2,525,528 50	5,997 98	3,075 21	908 15	28,002 62	19,389 00	5,961,346 75
1916–1917	4,189,905 55	1,699,370 06	3,652,729 05	5,553 26	2,184 72	796 85	15,618 26	140,487 00	9,706 644 75
1917–1918	4,557,438 61	2,836,216 40	2,613,708 67	7,929 75	3,686 00	562 25	9,074 15	336,757 00	10,365,372 83
	33,866,142 18	14,440,549 89	9,710,038 39	503,539 65	44,867 48	10,712 71	228,202 11	8,249,931 00	67,053,983 11
Increases	18,416,968 26	10,936,713 38	9,538,662 37	363,888 59	10,552 90	.....	166,186 74	8,249,931 00	47,025,396 21
Decreases	.....	.....	.....	.....	.....	657,507 03	.....	.....	.....

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STATEMENT of Revenue collected within the Canadian National Parks for the fiscal year ended March 31, 1918, as compared with the previous year.

Particulars.	Fiscal Years.		Increase.	Decrease.	Net Increase.
	1917–18.	1916–17.			
Rocky Mountain Park.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Rent	7,561 94	9,835 33		2,273 39	
Timber dues	1,541 46	1,002 98	538 48		
Water rates (sulphur)	779 86	1,166 66		386 80	
Cold water rates	7,026 78	7,640 53		613,75	
Sewer rates	2,552 80	2,882 58		329 78	
Transfer fees	106 00	118 00		12 00	
Cave and basin bathing tickets	8,278 60	6,614 25	1,664 35		
Livery licenses	448 00	651 00		203 00	
Pool, billiard and bowling licenses	210 00	260 00		50 00	
Boat licenses	28 00	85 00		57 00	
Butcher licenses	60 00	120 00		60 00	
Grazing rental	397 00	382 00	15 00		
Hot Springs bathing tickets	6,612 50	4,905 65	1,706 85		
Telephone rent	2,048 86	1,876 96	171 90		
Fines	177 00	236 00		59 00	
Peddlers' licenses	62 00	86 00		24 00	
Guides' licenses	50 00	65 00		15 00	
Camping permits	61 00	47 00	14 00		
Cemetery lots	58 00	34 00	24 00		
Tea room licenses	220 00	140 00	80 00		
Hay Dues		3 00		3 00	
Sand	27 42	28 00		0 58	
Impounding fees	2 00	16 00		14 00	
Dog licenses	262 00	323 00		61 00	
Automobile licenses	2,489 00	1,078 00	1,411 00		
Scales	40 50	24 25	16 25		
Ice	6 00	306 23		300 23	
Sale of lime	15 35	15 25	0 10		
Theatre licenses	45 00	46 00		1 00	
Building permits	25 00	38 00		13 00	
Miscellaneous	98 56	94 26	4 30		
Restaurant licenses		30 00		30 00	
Coal royalty and fees		5 00		5 00	
Garden and dairy	100 00	25 00	75 00		
Gum machines	42 00	108 00		66 00	
Electricians' licenses	1 00	2 00		1 00	
Boxing licenses	10 00		10 00		
Stone quarries	119 45		119 45		
Golf coupons	2,069 00		2,069 00		
	43,632 08	40,290 93	7,919 68	4,578 53	3,341 15
Glacier Park.					
Rent	329 15	227 25	101 90		
Camping permits		6 00		6 00	
Gravel		290 50		290 50	
Grazing rental		18 00		18 00	
Timber dues	1 75	0 50	1 25		
Building permits	1 00		1 00		
	331 90	542 25	104 15	314 50	Decrease 210 35
Jasper Park.					
Timber dues	80 78	574 84		494 06	
Rent	3,895 80	1,654 14	2,241 66		
Building permits	13 00	51 00		38 00	
Boat licenses and ferry fees	5 00	3 50	1 50		
Hay dues		2 60		2 60	
Peddlers' licenses	12 00	6 00	6 00		
Fines	67 00	67 00			
Grazing rental	261 00	5 00	256 00		
Guides' licenses	27 50	18 00	9 50		
Drivers' and livery licenses	144 00	92 00	52 00		

STATEMENT of Revenue collected within the Canadian National Parks for the fiscal year ended March 31, 1918, as compared with the previous year. —*Continued.*

Particulars.	Fiscal Years. 1917–1918.	Fiscal Years. 1916–1917.	Increase.	Decrease.	Net Increase.
Jasper Park—Con.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Camping permits	85 50	80 00	5 50		
Pool, billiard and bowling licenses	210 00	123 00	87 00		
Dog licenses	176 00	131 40	44 60		
Miscellaneous	7 25	10 00	.....	2 75	
Restaurant licenses	30 00	10 25	19 75		
Telephone rent	25 00	.....	25 00		
Theatre licenses	10 00	.....	10 00		
Butcher licenses	20 00	.....	20 00		
Cold-water rates	223 00	.....	223 00		
	5,292 83	2,828 73	3,001 51	537 41	2,464 10
Yoho Park.					
Timber dues	27 00	29 00	.....	2 00	
Hay dues	.....	1 50	.....	1 50	
Rentals	426 95	252 61	174 34		
Transfer fees	4 00	4 00			
Camping permits	.....	7 00	.....	7 00	
Cemetery lots	9 00	12 00	.....	3 00	
Grazing	33 25	74 00	.....	40 75	
Ice	.....	0 25	.....	0 25	
Building permits	.....	4 00	.....	4 00	
Miscellaneous	2 20	1 00	1 20		
	502 40	385 36	175 54	58 50	117 04
Waterton Lakes Park.					
Rent	257 48	235 61	21 87		
Camping permits	112 00	63 00	49 00		
Timber dues	16 25	11 25	5 00		
Fines	13 00	217 10	.....	204 10	
Guides' licenses	2 50	5 00	.....	2 50	
Grazing rental	777 92	715 54	62 38		
Hay dues	2 50	1 50	1 00		
Drivers' and livery licenses	22 00	2 00	20 00		
Boat licenses	22 00	47 00	.....	25 00	
Transfer fees	.....	2 00	.....	2 00	
Building permits	42 00	2 00	40 00		
Tea-room licenses	20 00	10 00	10 00		
Miscellaneous	20 00	20 00			
	1,307 65	1,332 00	209 25	233 60	Decrease 24 35
Elk Island Park.					
Timber dues	.....	2 25	.....	2 25	
Camping permits	1 00	1 00			
Boat licenses	.....	5 00	.....	5 00	
	1 00	8 25	.....	7 25	Decrease 7 25
Buffalo Park.					
Hay dues	80 10	7 20	72 90		
Timber dues	7 50	7 50			
Miscellaneous	54 86	242 53	.....	187 67	
	142 46	257 23	72 90	187 67	Decrease 114 77

STATEMENT of Revenue collected within the Canadian National Parks for the fiscal year ended March 31, 1918, as compared with the previous year.
—*Concluded.*

Particulars.	Fiscal Years.		Increase.	Decrease.	Net Increase.
	1917–1918.	1916–1917.			
Moose Mt., Buffalo Park.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Hay dues	.....	1 50	.....	1 50	
	.....	1 50	.....	1 50	Decrease 1 50
Antelope Park.					
Grazing rental	905 20	205 20	700 00		
	905 20	205 20	700 00	.....	700 00
Fort Anne Park.					
Hay dues	45 00	.....	45 00		
	45 00	.....	45 00	.....	45 00
Totals	52,160 52	45,851 45	12,228 03	5,918 96	6,309 07

The Land Situation, Manitoba, Saskatchewan and Alberta, Corrected to January 1st, 1918.

Province.	Surveyed Area.			Unsurveyed Area.			Total Area.		
	Land.	Water.	Total.	Land.	Water.	Total.	Land.	Water.	Total.
Manitoba	31,714,366	4,257,637	35,972,003	111,856,332	13,343,963	125,200,295	143,570,698	17,601,600	161,172,298
Saskatchewan	77,023,135	1,902,336	78,925,471	75,317,185	6,845,344	82,162,529	152,340,320	8,747,680	161,088,000
Alberta	84,372,309	2,284,610	86,653,919	74,506,351	2,219,130	76,725,481	158,878,660	4,503,740	163,382,400
Totals	193,109,810	8,444,583	201,554,393	261,679,868	22,408,437	284,088,305	454,789,678	30,853,020	485,642,698

A large proportion of the unsurveyed area has not yet been explored, except in a very partial way, and the area suitable for agriculture cannot be estimated with any degree of accuracy..

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Detailed Statement of Surveyed Areas in Manitoba, Saskatchewan and Alberta, January 1, 1918.

—	Manitoba.	Saskatchewan.	Alberta.	Total.
	Acres.	Acres.	Acres.	Acres.
Area under Homestead (including Military Homesteads)	8,423,000	27,127,800	18,106,700	53,657,500
Area under Pre-emptions and Purchased Homesteads	.....	5,897,000	2,854,900	8,751,900
Area under Northwest Half-Breeds Scrip, Sales and Special Grants	5,085,454	2,289,800	1,215,000	8,590,254
Area granted to Railway Companies	3,566,997	15,177,063	13,120,014	31,864,074
Area granted to Hudson's Bay Company	1,212,300	3,090,100	2,094,800	6,397,200
Area of School Land Endowment	1,585,400	3,967,400	3,457,800	9,010,600
Area sold under Irrigation System	.....	76,921	980,680	1,057,601
*Area under Timber Licenses	1,119,400	1,141,100	1,315,200	3,575,700
*Area under Grazing Leases	66,500	2,723,200	2,563,100	5,352,800
*Area of Forest Reserves and Parks	2,606,400	6,195,700	16,813,400	25,615,500
*Area Reserved for Forestry Purposes (Inside Surveyed Tract)	746,300	1,430,000	1,666,000	3,842,300
*Area of Road Allowances	972,848	1,464,041	1,275,049	3,711,938
Area of Parish and River Lots	503,647	82,542	118,564	704,753
Area of Indian Reserves	433,860	1,131,122	1,368,156	2,933,138
Area of Indian Reserves Surrendered	87,560	332,746	302,046	722,352
*Area of Water-covered Lands (Surveyed Area)	4,257,637	1,902,336	2,284,610	8,444,583
Area now available for entry	5,304,700	4,896,600	17,120,900	27,322,200
Total Surveyed Area	35,972,003	78,925,471	86,656,919	201,554,393

*Area now available for cultivation.

STATEMENT of Land Sales by Railway Companies having

Year.	Hudson's Bay Company.		Canadian Pacific Railway Company.		Manitoba South-western Colonization. Railway Company.		Qu'Appelle Long-Lake and Saskatchewan Railroad and Steamboat Company.	
	Acres.	Amount.	Acres.	Amount.	Acres.	Amount.	Acres.	Amount.
		$		$		$		$
1893	.....	.....	93,184	295,288	14,164	57 559	1,603	.....
1894	7,526	48,225	43,155	131,628	6,312	28,003	640	.....
1895	4,431	23,209	55,453	176,950	5,623	22,330	2,391	.....
1896	9,299	52,410	66,624	220,360	21,254	88,568	286	.....
1897	10,784	53,277	135,681	431,095	63,800	634,644	2,524	.....
1898	62,000	310,000	242,135	757,792	106,473	363,982	22,534	.....
1899	56,875	274,625	261,832	814,857	58,019	199,558	61,030	178,517
1900	70,196	352,631	379,091	1,152,836	133,507	437,449	18,932	53,974
1901	82,308	399,804	339,985	1,046,665	59,749	214,913	22,266	74,810
1902	269,577	1,412,332	1,362,478	4,440,500	206,411	713,365	39,835	147,365
1903	330,046	1,939,804	2,260,722	8,472,250	250,372	699,210	843,900	1,476,900
1904	144,857	879,910	857,474	3,516,864	29,522	113,303	.....	.....
1905	139,721	865,905	411,451	2,045,800	80,342	296,936	.....	.....
1906	236,191	1,863,375	1,012,322	6,015,060	83,418	360,889	.....	.....
1907 9 months to March 31	69,158	742,221	851,083	4,817,632	3,051	22,645	1,353	16,789
1908	21,184	264,215	81,060	727,367	31,982	153,007	5,621	68,869
1909	25,449	288,856	29,331	383,390	10,396	84,845	37,662	380,371
1910	104,382	1,297,454	655,585	10,473,425	14,501	126,950	106,000	964,600
1911	267,038	3,747,768	715,095	10,372,661	20,313	284,859	113,583	1,237,204
1912	42,554	808,943	855,280	12,420,488	18,932	117,497	35,213	495,116
1913	53,581	1,128,806	447,158	6,348,352	2,768	48,639	15,395	255,399
1914	26,292	572,837	263,962	4,242,089	7,626	91,948	1,629	21,546
1915	16,400	306,550	151,262	2,496,872	489	5,508	1,292	19,118
1916	79,310	1,273,144	242,215	3,670,421	4,780	58,808	12,246	180,361
1917	254,941	4,234,244	405,764	6,612,040	12,470	165,245	21,533	331,596
1918	386,394	6,914,947	545,285	11,044,883	25,933	321,005	49,723	783,062
Total	2,770,494	30,058,472	12,764,667	103,127,565	1,272,207	5,311,605	1,417,141	6,685,597

Government Land Grants, and by the Hudson's Bay Company.

Calgary and Edmonton Railway Company.		Canadian Northern Railway Company.		Great Northwest Central Railway Company.		Totals.		Average per cent.
Acres.	Amount.	Acres.	Amount.	Acres.	Amount.	Acres.	Amount.	
	$		$		$		$	$ c.
11,260						120,211	352,847	2 93
11,035						68,668	207,856	3 02
46,815						114,713	222,489	1 94
10,553						108,016	361,338	3 34
9,436						222,225	719,016	3 23
15,481						448,623	1,431,774	3 18
24,738	53,335					462,494	1,520,792	3 28
46,653	128,256					648,379	2,125,146	3 27
116,719	352,037					621,027	2,088,269	3 36
323,494	1,033,396					2,201,795	7,746,958	3 56
231,800	909,600	183,736	631,503	128,435	522,490	4,229,011	14,651,757	3 46
129,007	563,507	64,469	313,575	41,858	177,081	1,267,187	5,564,240	4 39
109,191	512,898	231,707	1,221,469	17,593	103,564	990,005	5,046,572	5 09
85,784	480,063	204,966	1,014,351	20,003	137,503	1,642,684	9,871,241	6 01
59,515	346,064	289,576	1,711,109	4,023	41,470	1,277,759	7,697,930	6 02
8,606	75,644	196,946	1,746,504	1,294	13,855	346,693	3,052,461	8 80
6,370	66,508			165	7,935	109,373	1,211,885	11 08
18,323	182,926	285,428	2,783,010	571	6,863	1,184,790	15,835,228	13 36
11,820	116,231	277,414	3,336,797	1,438	27,417	1,406,651	19,122,937	13 59
10,853	154,424	365,926	4,216,578	632	11,373	1,329,390	18,224,419	13 70
4,155	44,212	182,491	2,009,642	1,601	32,105	707,149	9,867,155	13 95
19,575	460,129	182,491	2,009,642			501,575	7,398,191	14 75
23,042	444,918			316	6,965	192,801	3,279,031	17 01
11,689	172,033			4,646	81,182	354,886	5,435,949	15 32
33,821	573,875	17,796	298,938	8,829	141,439	755,154	12,357,377	16 35
53,335	815,628	39,546	732,351	16,021	275,724	1,116,237	20,887,600	18 71
1,433,070	7,484,784	2,522,492	22,025,469	247,425	1,586,966	22,427,496	176,280,458	7 86

Progress in the North.

NORTHERN MANITOBA MINERAL BELT.

Of the 424 miles of the Hudson Bay railroad, 92 are still to be laid, but the part of the line now completed from The Pas serves in part the needs of the mineral belt of northern Manitoba. North of the railroad, drilling has been continued in the sulphide deposits, and ore has been crushed with good results; south of the railroad new discoveries of gold-bearing quartz are lately reported from the Hayes river. Government wagon roads now connect Sturgeon lake with lake Athapapuskow, and Herb lake with the railroad. Now that the output of the district is assured, hopes are turning to the erection of a smelter. Though proving the high grade of the ore, it is a handicap to ship, as is now the case, for a distance of 1,200 miles to the smelter at Trail, B.C.

WATER-POWERS.

The water-power of northern Manitoba is derivable from several distinct systems. North of the Hudson Bay railroad there are the rapids of the Churchill e.g., at Granville fall; on the Nelson river, there is among other development sites, one where the river narrows to 200 yards at the Kettle Crossing. Where the Saskatchewan flows into lake Winnipeg at Grand Rapids is at present the best known undeveloped water-power of this region. There is a plan in hand to build a dam which can be used as a bridge for the extension of the railroad from Gypsumville on the Canadian Northern. Power (80,000 horse-power) can here be developed for the manufacture of the large body of pulpwood around Cedar lake, and for transmission to The Pas and the mineral belt.

The total horse-power from the above water systems is roughly put at three and a half millions—a potential energy available in time not only for the local needs of manufacturers and miners but also for the electrification of railroads and, above all, for the production of nitrogen. "The use of water-power on a large scale is the principal method of extracting nitrogen from the atmosphere and rendering it available for practical use." The necessities of the war have now rendered the production of nitrates and nitric acid from this source familiar and economical in countries where the water-powers are trifling in comparison with those of the Dominion.

COAL, GAS, ETC.

Further search has proved the existence of a large area of comparatively high-grade coal in the district adjoining Hudson Hope and Peace River in northern Alberta, and drills have tapped the flow of natural gas.

With the crying demand for such minerals as potash and platinum, the slightest clue to their discovery should be followed up. Slight traces of platinum occur in connection with the gold quartz recently taken from Herb lake, and there are well-founded hopes of potash discoveries in relation to the very thick beds of gypsum on the Peace river near Peace point.

LAND FOR SOLDIER SETTLEMENT.

A large amount of land has been set aside for this purpose in Manitoba, Saskatchewan and Alberta, not only in the more populous districts, but in those specially alluring to the pioneer, e.g., in the Peace River district and in the High, Grand and Pouce Coupée prairies.

RAILROAD CONSTRUCTION.

Railroad building, owing to the steel shortage, has been held up generally, and the last 92 miles of the Hudson Bay railroad are still dormant. The Central Canada Railroad bridge at Peace River will be completed in the spring of 1919. In August, 1918, the Nelson river was bridged at Kettle rapids.

PULPWOOD.

A large area of pulpwood lies around Cedar lake, and another, estimated at six million cords, on the line of the Hudson Bay railroad near The Pas. Fires in the past have ravaged other large areas, but the new growth is said to be nearly suitable for use. One of the many services which will be found for the air-plane after the war will be in the Forestry Service. Any sign of smoke or fire will be instantly detected by the flying ranger, and wireless hurry-calls will quickly assemble the help available.

FISH.

Lesser Slave lake continues to ship its frozen white fish, and it is estimated that at least 100 cars of fish went out of Pas in the past season. Cheap fish is now a necessary antidote to the luxury of meat, and Canada's fish yield knows no limits.

THE DOMINION ASTRONOMICAL OBSERVATORY.

During the fiscal year 1917-18, the 15-inch equatorial has been employed as formerly in the determination of the radial velocities of spectroscopic binary stars, with the view of securing the elements of their orbits; 350 plates have been secured on 136 nights, the exposures averaging much longer than in previous years, owing to the poor observing weather and fainter stars. Four orbits were completed during the year, and a number of others are under computation.

With the coelostat telescope and grating spectrograph, 243 plates were obtained. These include 1,200 photographs, each comprising from 7 to 9 simultaneous registrations of spectra from various parts of the sun's disc, with iodine absorption and electric arc spectra in some cases. The observations cover several important problems in solar and terrestial spectroscopy. A supposed "cyclic variation" in the rate of the solar rotation has been explained quite definitely as due to changes in haze, as suggested in the last report. Measurements of the equatorial velocity of the sun's rotation from the limb spectra yield values several per cent smaller than simultaneous measurements of spectra from points midway between limbs and centre of the solar disc. Variations in spectroscopic measurements of the solar rotation have been found to synchronize with variations in solar radiation, both being affected by terrestial, interplanetory or solar haze. The dust from the volcanoes in the West Indies in 1902 and from Katmai, Alaska, in 1912, produced marked lessening in both measurements at various points on the earth; and there is reason to suppose that Canadian crops were lessened at the same time.

With the 6-inch camera 146 plates were obtained with over 400 exposures, and light variations of spectroscopic binaries studied. Several fields of stars of well-established magnitudes have been selected and photographed to provide a means for comparing our photometric scale with those of other observatories.

The seismographs at the Observatory, together with a deformation instrument for detecting earth tides, have been in constant operation, and during the year, 104 earthquakes have been recorded. A wave-counter or undagraph has been maintained at Chebucto Head, Nova Scotia. Two other seismographs, one at the University of Saskatchewan, Saskatoon, and the other at Dalhousie University, Halifax, report regularly to the Observatory. The Halifax seismograph was of considerable assistance in the recent explosion investigation, giving authoritative evidence of the exact time the explosion occurred.

GRAVITY WORK WAS SUSPENDED FOR THE TIME BEING.

Observations with the meridian circle were obtained on 105 nights; they were devoted in part to determinations of clock error for longitude work and the purposes of the Time Service, and in part to a continuation of observations for right ascension and declination on a selected list of stars, to be incorporated in a star-catalogue. The list has been selected with a view to use in observations for latitude and longitude, as well as being a contribution in the general field of position astronomy. Three observers took part in the work. The printing chronograph was used throughout the year for the registration of transits.

Field observations for latitude and longitude were carried out at one station on the boundary between British Columbia and Alberta. Ottawa was the base for the longitude determination, the exchange of time-signals being along 3,000 miles of continuous wire.

The Time Service has been maintained as in previous years. There are now nine secondary master-clocks synchronized continuously from the Observatory; these in turn control 377 clocks and dials of various kinds in government offices. In addition, relays beating seconds are maintained in two offices in the city; time-signals are sent out by telegraph and telephone, and the time is recorded on the various seismographs at the Observatory.

Our wireless apparatus has been used from time to time for receipt of Arlington signals, and their comparison with our standard time. No longitude by wireless has been determined during the year.

WATER POWERS.

As a result of the war and the necessity for preparation for the reconstruction period following it, departmental officials have been giving special attention to the investigation and administration of water-power resources, especially in Western Canada. Cheap power promises to be one of this country's greatest assets in the post bellum rivalry of nations for world trade. Canada's great fuel reserves, supported by her water-power resources, represent a sure source of cheap power, and guarantee her share in world trade, provided they are availed of to their maximum possible advantage.

One of the most important and far-reaching factors in England's quick recovery from the exhaustion of the Napleonic Wars was the industrial impulse of the steam engine. The impetus to industry from cheap and unlimited electric energy, whether from coal or water-power, will, undoubtedly, prove as great a factor in the recovery of nations following the present world war. That nation which has a dependable source of power, capable of producing energy cheaper than other nations, will have a tremendous advantage.

Recognized experts on fuel and power matters generally, assure us that no country is more fortunate in respect of her fuel and power resources than is the Dominion of Canada.

The interdependence and inter-relation of all the varied fuel-power agencies available in Canada—water-power, coal, oil, and gas—necessitates some immediate and constructive organization for effecting their co-ordinate, concomitant development and use. The main function of such an agency should be the evolution of a national master fuel-power policy applicable to all parts of the Dominion, and which will realize the maximum advantageous use of every fuel-power element.

Probably the most efficient, effective, inexpensive, and immediate method of achieving such result would be the formation of a fuel-power board consisting of the government officials from the different federal departments who have for years been giving special attention to particular phases of the power problems of the Dominion,

and who have, as a direct result amassed in their respective offices a great deal of valuable data concerning the present use and possibility of further use of the fuel and power resources.

In connection with water-power problems throughout the country the water-power officials of the department have assisted and co-operated effectively with the International Joint Commission, the Conservation Commission, the Honorary Advisory Council for Scientific and Industrial Research, the Nova Scotia Water Power Commission, various provincial departments, and also the Dominion Bureau of Statistics. Notwithstanding the very large percentage of officials of the Dominion Water Power Branch serving overseas, essential work has been maintained without undue loss of efficiency or reduction in effective results. It has been readily acknowleged that essential data covering water-power sites feasible and economical of development within a reasonable time should be obtained and made generally available. There never was a time in the history of Canada when it was more important that the obtaining of such data should be made prompt and certain.

Irrigation.

In consequence of the campaign for increased production, the settlers in southern Saskatchewan and Alberta have been directing most of their energies towards dry-farming operations, and have paid very little attention to the construction of irrigation works or irrigated farming, as the latter requires more expert labour than the former.

This action has no doubt to a certain extent been justified by the splendid crop yields obtained in the past two or three years, without the aid of irrigation. Time will, however, prove that the practice of irrigation is the only means by which the settlers in this portion of the west can in all years be assured of good returns for their labour, as the productivity of the soil is only limited by the amount of moisture that can be stored in it.

Our irrigation engineers have been instructed to co-operate with the settlers by giving advice regarding the best methods of irrigating, the most suitable crops to grow, having regard to the different soils, and in quite a number of cases they have laid out comprehensive drainage systems to take care of the excess irrigation water, and in this way avoid certain areas becoming water logged or alkalied.

Hydrometric surveys (stream measurements) have been continued as in former years, as their value largely depends upon securing regular records covering a period of years. A few changes have been made in the location of gauging stations. Some of the older ones at which we have obtained records for a number of years having been dropped, and a few new stations, where actually required, added.

Water Supply Investigations.

In portions of southern Alberta and Saskatchewan great difficulty has been experienced by settlers in securing domestic water supplies. The situation has become more critical as the country has become more closely settled.

Last year, as a result of action taken by the Lethbridge Board of Trade, a "water conference" was held at Lethbridge, the result of which has been to secure closer co-operation between the Dominion and Provincial Governments of Alberta and Saskatchewan, in investigating all possible water supplies in the districts directly affected. The irrigation branch are investigating all cancelled stock-watering reserves with a view to the continued reservation of any of them that may be useful in connection with domestic water supplies.

During the past year the engineers of the irrigation branch have investigated a large number of wells and other sources of water supply, in order to determine their

nature, the quantity of water available, and their permanence. These investigations will be continued, and it is expected that, in time, the information gained will help in solving the present difficulty.

The Provincial Governments have been co-operating by constructing, wherever possible, small dugouts or reservoirs for the storage of waters usually collected during the early spring run-off. A large number of these have been inspected by irrigation engineers during the past year, and licenses have been issued by this department covering the storage of water in the same, and its use by the public.

IRRIGATION SURVEYS.

Owing to the high cost of material and labour, very little construction work is being undertaken, and it has not been considered necessary or in the interests of economy to continue any large survey parties in the field. A large number of inspections, however, have been made in connection with industrial water supply schemes, and a few investigations in connection with small drainage schemes.

W. W. CORY,
Deputy Minister.

PART I.

DOMINION LANDS

DOMINION LANDS.

REPORT OF THE COMMISSIONER, J. W. GREENWAY.

Applications for Patent—		
Number examined	40,572	45,752
New applications	20,281	20,923
Applications accepted and notifications sent out	18,163	19,832

REPORT OF THE CHIEF INSPECTOR OF DOMINION LANDS AGENCIES, H. G. CUTTLE.

During the year ending March 31, 1918, I held many investigations in connection with Dominion Lands, six of which were under oath, authorized by Order in Council, and thirty-two of a less serious nature. I have on hand, at the present time, eleven investigations to dispose of, three of which are under oath, and eight where sworn statements will have to be taken.

I visited all the Land Offices in Manitoba, Saskatchewan, and Alberta during the year, and found everything very satisfactory, and the work well kept up to date. During the past year the Land Offices were in a better position to handle the seed grain and relief collections, and there was not nearly the congestion as there was in former years.

On the 1st day of August, I opened up my central office for the collection of seed grain and relief indebtedness at Moosejaw. My staff at that point was augmented by employees of the department from the different Land Offices throughout the West, and I engaged a few other parties to assist in the work for a short period.

The collections this year were not as large as the year previous, as the crops in a good many districts were poor. From April 1, 1917, to March 31, 1918, the receipts for seed grain and relief indebtedness amount to $2,503,037.74, and the total collections of seed grain and relief indebtedness to March 31, 1918, amount to $7,894,088.51.

For the summer months I made out new lists of indebtedness, and furnished each homestead inspector with one covering their homestead inspection district. Under their instructions, they are supposed to collect as much seed grain indebtedness as possible while on their usual inspection work without extra cost to the department.

I received several complicated investigations from Head Office in connection with seed grain and relief, and disposed of one hundred and thirty-five. I have on hand at the present time, thirty-four.

During the latter part of the year, a general reorganization of the western offices took place, and the following agencies were closed: Red Deer, High Prairie, Weyburn, Yorkton, Medicine Hat, Humboldt, Maple Creek.

The following sub-agencies were also closed: Estevan, Hanley, Willow Bunch, Castor, Olds, Vulcan, Canora, Rosthern, Wilkie, Grassy Lake, Sedgewick, Sheho, Unity, Biggar, Lacombe, Trochu, Punnichy, Blaine Lake, Brooks, MacLeod, Vegreville.

Red Deer was attached to Calgary. Yorktown Agency was partly attached to Saskatoon and Moosejaw, Humboldt partly attached to Prince Albert and Saskatoon, High Prairie to Peace River, Medicine Hat to Lethbridge, Maple Creek to Swift Current, and Weyburn to Moosejaw.

There was also a reduction in the number of homestead inspectors in the West, and a general rearrangement of the staffs of the different offices affected. In some cases the services of employees were dispensed with, while others were transferred to the busy offices.

REPORT OF THE INSPECTOR, O. NEFF, OF DOMINION LANDS AGENCIES, BRANDON.

DOMINION LANDS AGENCIES.—Manitoba and Saskatchewan.—Principal Transactions for the Departmental Year ending March 31, 1918.

Agencies.	Homestead entries granted.	Land Sales.			S. A. Scrip.	Application for Patent received.	Land Entries cancelled.	Permits Issued.	
		Ordinary and School Lands.	Preemptions	Purchased Homesteads.				Timber	Hay.
Battleford	353	57	24	10	.....	811	368	169	879
Dauphin	725	36	.....	.....	.....	322	393	474	469
Humboldt (closed Mar. 8)	279	29	.....	.....	4	376	138	85	568
Moose Jaw	421	25	131	35	.....	2,686	462	5	1,044
Maple Creek (closed Mar. 21)	300	5	161	27	.....	2,952	267	42	643
Prince Albert	556	62	.....	2	1	625	322	555	674
Saskatoon	226	43	70	25	.....	1,600	234	23	647
Swift Current	320	10	128	18	.....	2,383	319	4	514
The Pas	.....	7	.....	.....	.....	.....	.....	38	17
Winnipeg	868	80	.....	.....	.....	666	582	.....	.....
Weyburn (closed Mar. 14)	137	7	55	11	.....	441	154	3	517
Yorkton (closed Mar. 7)	138	53	.....	.....	.....	384	87	24	316
Total	4,323	414	569	128	5	13,246	3,326	1,422	6,288
Compared with 1916–17	6,714	359	1,010	157	1	13,351	4,571	1,367	6,235
Compared with 1915–16	10,212	378	1,699	219	.....	11,819	7,365	1,907	6,768

DOMINION LANDS SUB-AGENCIES.—Manitoba and Saskatchewan.—Work performed during the Departmental Year ending March 31, 1918.

Name.	Sub-agency.	Applications for—						
		Homesteads.	Purchased Homesteads.	Pre-emptions.	Patent.	Inspector.	Timber Permits.	Hay.
S. Einarsson	Arborg	13			17	9		
T. G. Ross	Assiniboia	114	10	38	606	197	1	160
J. Roberts	Blaine Lake	36	2		67	26	37	52
H. P. Turner	Biggar	30		8	216	53	79	66
Mrs. M. Bucke	Brandon	84			28	5		3
A. H. Bomford	Canora	17			89	13	1	12
J. Cusack	Empress	34		15	513	68	3	18
J. Templeman	Estevan	15	1	1	23	16	1	50
Wm. Banks	Gull Lake	14	3	7	299	45		49
J. Wiebe	Herbert	10	1	5	144	27	2	63
Geo. Gregg	Hanley	6		1	65	13		6
A. Read	Kerrobert	42	2	21	162	44	1	26
J. H. Elliott	Kindersley	34	3	5	218	39		17
W. H. Holland	Lloydminster	31			64	22	18	22
J. T. McCordie	Meadow Lake	16			15	8	17	61
A. Featherstonhaugh	Macklin	15	1		124	21		
W. Young	Melfort	73			125	43	23	35
W. Deans	North Battleford	108	1		133	44	26	127
J. J. McGurran	Nokomis	50		3	39	24		17
W. Giroux	Ponteix	138	3	84	577	205		31
E. C. Medland	Punnichy	10			22	8	1	27
D. McMurphy	Preeceville	49			118	41	15	34
V. W. Johnson	Rossburn	12			5	5		1
E. St. G. Hodson	Rosthern	4			36		1	13
J. H. Canham	Sprague	31			3	10	6	5
S. G. Maddock	Shellbrooke	64			115	32	32	37
B. T. Tucker	St. Rose du Lac	176			31	26	34	50
A. E. Reid	Swan River	51			37	33	50	11
W. M. Spencer	Sheho	4			41	4		32
J. V. Ablott	Shaunavon	82	16	30	673	195		4
D. Hughes	Turtleford	42			146	25	12	29
Wm. Buxton	Tisdale	147			132	45	25	26
S. Humphreys	Unity	39	2	15	153	40	2	85
J. J. Gunn	Wilkie	10		1	25	8		32
Miss M. Langstaff	Wadena	72			108	39	3	30
S. Lytwyn	Winnipegosis	42				1	3	35
P. Lapointe	Willow Bunch	56	10	20	319	98	2	77
F. N. Rowe	Wynyard	23			64	16		34
Totals		1,794	55	254	5,552	1,548	395	1,377
Compared with 1916-1917		2,364	72	375	5,850	2,175	418	1,406
Compared with 1915-1916		3,986	82	630	5,314	2,631	768	1,635

REPORT OF INSPECTOR OF DOMINION LANDS AGENCIES, J. W. MARTIN, CALGARY, ALTA.

DOMINION LANDS AGENCIES.—Alberta and British Columbia.—Principal Transactions for the Departmental Year ending March 31, 1918.

Agencies.	Homestead Entries granted	Land Sales.			S. A. Scrip.	Applications for Patent received	Land Entries canc'led	Permits Issued.	
		Ordin'y and School Lands.	Pre-emptions.	Purchased Homesteads.				Timber	Hay.
Calgary	292	30	71	26	.....	2,548	338	265	603
Edmonton	1,535	150	.....	2	.....	1,646	1,399	1,638	1,039
Grande Prairie	886	32	.....	.....	.....	380	269	365	347
High Prairie (closed)	116	7	.....	.....	.....	18	41	35	53
Kamloops	127	34	.....	.....	.....	82	34	360	21
Lethbridge	91	36	18	.....	.....	473	103	190	58
Medicine Hat (closed)	2,671	11	125	29	.....	1,433	384	147	251
New Westminster	33	4	.....	.....	.....	22	32	.....	.....
Peace River	451	24	.....	.....	.....	337	140	356	176
Revelstoke	18	3	.....	.....	.....	19	26	86	.....
Red Deer (closed)	166	16	17	17	.....	523	154	129	440
Totals	6,386	347	231	74	.....	7,481	2,920	3,571	2,988
Total 1916–17	4,815	312	457	110	.....	8,053	3,871	3,604	3,076

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DOMINION LANDS SUB-AGENCIES.—Alberta and British Columbia.—Work performed during the Departmental Year ending March 31, 1918.

Name of Sub-Agents.	Sub-Agencies.	Home-steads.	Pur-chased Home-steads.	Pre-emp-tions.	Applications for		Timber Per-mits.	Hay Per-mits.
					Patents	Inspec-tion.		
Spicer, S. E.	Alsask	33	3	15	516	87		41
Rennison, G.	Athabaska	91			114	54	27	91
Ostigny, N.	Bonnyville	74			36	11	21	100
Binns, H. P.	Brooks	6	1		109	15		1
Mercer, R. M.	Castor	22	6	5	123	28		22
Glover, Frank	Edson	21			63	14	6	9
Brown, Alex	Entwistle	23			60	12	20	33
Cusack, J.	Empress	71	7	39	354	142		20
McGowan, J.	Frog Lake	15			36	14	15	10
Potts, Cecil	Ft. McMurray	2			8	1		
Barber, J. C.	Ft. St. John	10			9	3		3
Morden, A. L.	Ft. Vermilion	13					6	39
Requier, E. E.	Donnelly	66			82	21	101	24
Gody, J. G.	Golden	14			8	4	25	
Snowdon, T.	GrassyLake	10	1	3	149	26		
Trenaman, J. C.	Hanna	28	7	10	399	71		60
Cameron, A. J.	Lacombe	7			14	5	2	7
Prince, A.	Lac la Biche	45			38	22	18	72
Holland, W. H.	Lloydminster	10			38	11	4	12
Whitaker, J.	Mosside	21			51	7	10	12
Rhodes, C. C.	Macleod	6			40	11	6	3
Craig, R. A.	Olds	7			23	3		3
Rogers, M. J.	Orion	8	1	6	106	13		1
McDonald, S. A.	Pine Creek	18			54	21	70	
Fleming, W. S.	Provost	53	9	15	240	66	1	40
Saloway, G.	Pouce Coupé	72			103	40	84	34
Hankinson, R. T.	Ry. Mt. House	34			78	33	29	8
Lacey, J. E.	Salmon River	13			11	3		
McDonald, J. S.	Sedgewick	25			58	26		5
Grey, W. B.	Stettler	21	1	3	118	29		25
Fildes, J. W.	Spirit River	106			49	70	67	37
Racicot, B.	St. Paul de Métis	36			97	30	36	52
LaPlante, J. R.	St. Lina	40			79	38	18	13
Garrick, W. H.S.	Trochu	3	3		30	8		
Wilson ,F.	Vegreville	9			25	12	10	17
Flood, A. J.	Vulcan	2			41	4		7
Mace, Job	Vermilion	32	1		93	31	9	26
Todd, H. E.	Wetaskiwin	33			15	22	62	10
Torgerson, J.	Whitecourt	12			13	8	7	2
McLeod, W. H.	Wainwright	50	1		85	48		16
Laight, E. V.	Wabamun	6			25	7	1	7
Hughson, W. S.	Whitford	1			44	6	57	1
Alton, B. C.	Westlock	57			62	24	72	52
Rayment, M.	Youngstown	42	3	13	668	139		83
Wenham, M.	Yeoford	15			27	14	15	11
Total		1,283	44	109	4,391	1,254	799	1,009

STATEMENT showing Principal Work performed by Homestead Inspectors in Alberta and British Columbia for Departmental Year ending March 31, 1918.

Name of Homestead Inspector.	Headquarters.	Land Inspections made.	Applications for Patent taken.
Benzie, J. M.	Kamloops	686	16
Blaekwell, A. J.	Edmonton	18	1
Creighton, H. E.	Red Deer	198	104
Cunningham, T. J.	Edmonton	316	54
Cook, H.	Revelstoke	149	6
Doze, I. S.	Edmonton	426	9
Fletcher, J.	Grande Prairie	182	.....
Fleming, G. W.	Calgary	194	27
Gerow, H. S.	Medicine Hat	31	.....
Griffin, A. H.	Edmonton	419	28
Grasse, P. L.	Red Deer	124	6
Hagen, S. C.	Edmonton	460	48
Huntley, J. R.	Medicine Hat	134	1
Horne, J. A.	Edmonton	124	3
Kembrey, R. A.	Clagary	226	94
Key, A. E.	High Prairie	62	2
Letson, W. A.	Edmonton	126	24
Magee, W. D.	New Westminster	119	.....
McMullen, J. E.	Peace River	189	13
McCowan, H. S.	Edmonton	366	34
Scott, Hugh	Lethbridge	187	61
Switzer, Wm.	Medicine Hat	147	7
Tempany, Wm.	Calgary	138	7
Woodlock, P. A.	Calgary	249	47
Wynne, A. E.	Edmonton	152	22
Total		5,416	614
Total 1916–17		5,337	748

Some of the above Homestead Inspectors have, in addition to their regular duties, devoted a great deal of their time to Seed Grain and Soldiers Settlement Work.

REPORT OF THE AGENT OF DOMINION LANDS, L. P. O. NOEL, BATTLEFORD, SASK.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead entries	353	$ 3,610 00	
Pre-emption entries	22	240 00	
Purchased homestead entries	10	100 00	
Improvements	55	2,106 80	
Land sales	55	3,648 18	
Pre-emption payments	266	82,194 18	
Purchased homestead payments	83	13,977 20	
Searches	333	83 25	
Applications for patent	811	.....	
" " cancellation	171	.....	
Entries cancelled	334	.....	
Sundries	5	664 45	
Total			$106,624 06
Timber and Grazing Branch—			
Timber permits	167	$ 381 25	
" " excess payments	39	149 18	
" seizures	5	151 05	
Hay permits	388	1,014 20	
Grazing rental, cash	384	1,449 68	
Hay permits, excess payments	4	5 10	
Total			3,150 46
Forestry Branch—			
Permit fees and rentals	231	$234 20	
" " " " excess payments	2	6 00	
Grazing rent, etc	86	796 15	
Camping	....	0 25	
Hay dues, etc	24	96 35	
Total			1,132 95
Mining Lands and Yukon Branch—			
Mining fees	1	$ 2 50	
Assessment payments	1	11 32	
Total			13 82
School Lands Branch—			
General sales	1	$ 14 00	
Timber permits	1	2 25	
" " excess payments	1	3 00	
Hay permits	626	1,157 40	
" " excess payments	6	7 80	
Grazing rentals	293	3,700 13	
Cultivation permits	2	150 00	
Total			5,034 58
Miscellaneous—			
Seed grain and provision payments	264	$21,587 65	
Sundries	7	253 70	
Total			21,841 35
Grand total			$137,797 22

REPORT OF THE AGENT OF DOMINION LANDS, W. E. TALBOT, CALGARY, ALTA.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead fees	456	$ 4,560 00	
Pre-emption fees	87	870 00	
Purchased homesteads	42	420 00	
Improvements	199	9,826 58	
Land sales	46	4,775 41	
Pre-emption payments	2,045	572,278 54	
Purchased homestead payments	314	48,877 15	
Searches, etc	450	110 00	
Applications for patent	3,071	.....	
" cancellation	558	.....	
Entries cancelled	491	.....	
Total			$641,717 68
Seed Grain Branch—			
Seed grain and provision payments	1,845	$217,301 00	
Total			217,301 00
Timber and Grazing Branch—			
Bonus	1	$1,100 00	
Ground rent	36	2,439 68	
Royalty on sales	39	9,833 07	
Timber permits	269	6,832 23	
" seizures	13	474 76	
Hay permits	113	399 38	
Grazing rentals	627	6,581 92	
Sundries	8	73 99	
Total			27,735 03
Forestry Branch—			
Permit fees and rental	148	$10,711 46	
Seizures	4	44 79	
Grazing rent	67	2,511 26	
Hay dues	19	86 15	
Total			13,353 66
Irrigation Branch—			
Sales	7	$541 32	
Reservoir rental	1	119 25	
Total			660 57
Mining Lands and Yukon Branch—			
Mining fees (quartz and placer)	97	$ 300 50	
Rental (coal)	187	14,497 53	
Royalty	143	14,311 45	
Petroleum and natural gas	92	4,659 51	
Domestic coal permits	6	30 00	
Gravel permits	4	2 00	
Total			33,800 99
School Lands Branch—			
General sales	11	$ 4,337 06	
Timber permits	3	11 75	
Hay permits	912	2,217 30	
Grazing rentals	642	10,143 89	
Coal rentals	29	1,968 20	
" royalty	6	271 30	
Petroleum and natural gas payments	5	518 33	
Total			19,467 83
Grand total			$954,036 76

REPORT OF THE AGENT OF DOMINION LANDS, E. W. WIDMEYER, DAUPHIN, MAN.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead fees	725	$ 7,250 00	
Improvements	73	2,351 30	
Land sales	24	1,921 39	
Searches	830	207 50	
Applications for patent	322	.....	
" " inspection	241	.....	
Entries cancelled	393	.....	
Total			$11,730 19
Timber and Grazing Branch—			
Timber permits	471	$ 2,086 61	
" seizures	24	326 90	
Hay permits	241	555 65	
Grazing rentals	51	221 55	
Total			3,190 71
Forestry Branch—			
Timber permits	1,712	$13,972 22	
Permit fees and rentals	23	135 00	
Seizures	79	909 48	
Grazing rentals	28	431 25	
Hay dues	251	597 00	
Total			16,044 95
School Lands Branch—			
General sales	12	$ 3,363 75	
Timber permits	3	28 25	
Hay permits	228	375 70	
Grazing rentals	43	566 30	
Seizures	2	183 25	
Total			4,517 25
Seed Grain Branch—			
Seed grain payments	46	$ 2,014 33	
Total			2,014 33
Grand total			$37,497 43

REPORT OF THE AGENT OF DOMINION LANDS, A. NORQUAY, EDMONTON, ALTA.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead fees	1,535	$15,310 00	
Purchased homestead fees	2	20 00	
Improvements	422	11,526 63	
Land sales, cash	150	9,341 84	
Pre-emption payments	21	4,071 25	
Purchased homestead payments	19	2,819 22	
Searches	232	58 00	
Applications for patent recommended	1,646	.....	
" inspections received	780	.....	
Entries cancelled	1,399	.....	
Sundries	2	12 00	
Total			$42,158 94
Timber and Grazing Branch—			
Bonus	4	$ 9,877 95	
Ground rent	43	5,193 91	
Royalty on sales	45	13,946 70	
Timber permits	1,509	8,622 97	
" seizures	131	26,376 52	
Hay permits	527	921 19	
Grazing rentals, cash	165	589 81	
Fireguarding	1	57 05	
Sundries	564	59,522 92	
Total			125,109 02
Forestry Branch—			
Timber dues	30	$1,489 60	
Permit fees and rentals	63	22 75	
Seizures	12	454 37	
Grazing rent, etc	16	142 35	
Hay dues, etc	39	212 25	
Total			2,321 32
Irrigation Branch—			
Sales	1	$509 60	
Total			509 60
Mining Lands and Yukon Branch—			
Mining fees	71	$ 197 00	
Rental	73	4,906 97	
Royalty	21	12,045 49	
Assessment payments	16	1,500 00	
Coal permits	2	.....	
Sundries	445	55,138 84	
Total			73,788 30
School Lands Branch—			
General sales	5	$2,792 48	
Timber permits	59	760 56	
Hay permits	474	846 70	
Grazing rentals	318	3,948 96	
Coal rental	13	603 77	
Cultivation permits	1	15 00	
Sundries	87	4,280 84	
Total			13,248 31
Miscellaneous—			
Seed grain and provision payments	500	19,334 53	
Total			$19,334 53
Grand total			$277,470 02

REPORT OF THE AGENT OF DOMINION LANDS, F. L. CHRISTIE, GRANDE PRAIRIE, ALTA.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead fees	886	$8,860 00	
Improvements	107	4,617 15	
Land sales	32	3,663 77	
Searches	26	6 50	
Applications for patent	380	.....	
" " inspection	201	.....	
Entries cancelled	269	.....	
Total			$17,147 42
Timber and Grazing Branch—			
Timber permits	365	$583 11	
Hay permits	298	671 10	
Grazing rentals	64	713 52	
Hay excess	8	10 40	
Timber excess	83	294 40	
Hay bonus	1	4 00	
Hay lease rent	1	10 00	
Total			2,286 53
Mining Lands and Yukon Branch—			
Mining fees	3	$15 00	
Rental	4	65 25	
Royalty	7	20 75	
Transfer of lease	1	2 00	
Coal permits	2	20 00	
Sand permits	2	1 00	
Total			124 00
School Lands Branch—			
Hay permits	49	$ 55 10	
Grazing rentals	64	931 27	
Hay excess	1	40	
Total			986 77
Miscellaneous—			
Seed grain and relief payments	184	$11,773 12	
Total			11,773 12
Grand total			$32,317 84

REPORT OF THE AGENT OF DOMINION LANDS, W. C. COWELL, KAMLOOPS, B.C.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue	Total.
Patent Branch—			
Homesteads	127	$1,270 00	
Improvements	63	2,847 83	
Land sales	34	3,534 19	
Ground rent	1	4 25	
Searches, etc.	137	66 85	
Applications for patents	82	.....	
" inspections	54	.....	
Homestead entries cancelled	34	.....	
Total			$ 7,723 12
Timber and Grazing Branch—			
Sale scale books	8	$ 45 00	
Bonus	2	1,132 63	
Ground rent	51	2,512 47	
Royalty	24	6,846 81	
Timber permits	325	1,693 50	
" seizures	10	906 97	
Hay permits	9	11 30	
Grazing rentals	452	6,687 24	
Registration fees	15	30 00	
Fire guarding collections	2	12 06	
Total			19,877 98
Forestry Branch—			
Timber dues	28	$453 70	
Permit fees	35	8 75	
Seizures	3	217 53	
Rentals	8	93 40	
Hay dues	12	13 35	
Total			786 73
Mining Lands Branch—			
Rentals	5	$133 20	
Permits	1	0 50	
Total			133 70
Miscellaneous—			
Seed grain collections	10	$256 45	
Total			256 45
Grand total			$28,777 98

REPORT OF THE AGENT OF DOMINION LANDS, G. H. MACDONELL, LETHBRIDGE, ALTA.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead fees	358	$ 3,580 00	
Pre-emption fees	143	1,430 00	
Purchased homestead fees	32	320 00	
Improvements	124	6,517 78	
Land sales, cash	47	7,646 29	
Pre-emption payments	1,283	395,022 52	
Purchased homestead payments	98	17,564 51	
Searches, office fees, etc	262	65 75	
Applications for patent received	1,993	.....	
" " inspection received	518	.....	
Entries cancelled	581	.....	
Sundries—Registration fees	1	2 00	
Free homesteads	1	.....	
Total			$432,148 85
Timber and Grazing Branch—			
Timber permits	34	$ 53 50	
Hay permits	99	78 50	
Grazing rentals	1,197	26,289 72	
Improvements	4	156 60	
Sundries	9	18 00	
Total			26,596 32
Forestry Branch—			
Timber dues	6	$ 212 85	
Permit fees and rental	303	592 94	
Seizures	8	83 95	
Grazing rent	62	1,827 44	
Hay dues	73	322 20	
Total			3,039 38
Irrigation Branch—			
Sales	19	$2,945 13	
Total			2,945 13
Mining Lands and Yukon Branch—			
Mining fees	105	$ 1,180 00	
Rental	105	11,211 82	
Royalty	98	7,000 36	
Petroleum and natural gas	23	1,909 50	
Sundries	9	22 50	
Total			21,324 18
School Lands Branch—			
General sales	43	$31,624 83	
Hay permits	137	174 80	
Grazing rent	351	6,398 90	
Mining fees	1	5 00	
Coal, petroleum and gas rent	8	1,033 61	
Coal royalty	1	2 50	
Sundries	2	4 00	
Total			39,243 64
Miscellaneous—			
Seed grain and provision payments	4,674	$517,264 96	
Total			517,264 96
Grand total			$1,042,562 46

REPORT OF AGENT OF DOMINION LANDS, G. K. SMITH, MOOSEJAW, SASK.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead fees	421	$ 4,210 00	
Pre-emption fees	131	1,310 00	
Purchased homestead fees	35	350 00	
Improvements	102	8,750 83	
Land sales, cash	20	2,009 35	
Pre-emption payments	1,313	403,073 81	
Purchased homestead payments	117	21,139 74	
Searches	1,618	429 25	
Applications for patent	2,486	.....	
" inspection	584	.....	
Entries cancelled	462	.....	
Total			$441,272 98
Timber and Grazing Branch—			
Timber permits	3	$ 0 75	
Timber seizures	1	0 25	
Hay permits	47	137 50	
Grazing rentals, cash	529	4,557 61	
Improvements	1	60 00	
Sundries—registration fee	1	2 00	
Total			4,758 11
Forestry Branch—			
Surface rentals	3	$ 15 00	
Timber dues	107	238 25	
Permit fees and rentals	53	158 75	
Seizures	12	69 55	
Grazing rent, etc	70	489 35	
Hay dues, etc	74	305 10	
Total			1,276 00
Mining Lands and Yukon Branch—			
Mining fees	25	$125 00	
Rental	7	156 00	
Royalty	38	311 51	
Quarry payments	1	5 00	
Coal permits	8	171 40	
Sundries	1	5 00	
Total			773 91
School Lands Branch—			
General sales	5	$1,236 92	
Timber permits	3	14 75	
Hay permits	997	1,910 80	
Grazing rentals	653	7,275 96	
Coal rental	1	25 00	
Total			10,463 43
Miscellaneous—			
Seed grain and provision re-payments	3,263	$287,172 77	
Sundries	9	45 85	
Total			287,218 62
Grand total			$745,763 05

REPORT OF THE AGENT OF DOMINION LANDS, W. D. MAGEE, NEW WESTMINSTER, B.C.

Statement of business transacted during the fiscal year ending March 31, 1918:—

Patent Branch—	Number.	Revenue.	Total.
Homestead fees	33	$ 330 00	
Improvements	14	1,480 00	
Land sales	4	178 69	
Townsite payments	8	590 93	
Purchased homestead payments	50	1,471 24	
Searches, maps, etc	24	6 15	
Applications for patent received	22	.....	
" " inspection received	24	.....	
Entries cancelled	32	.....	
Total			$4,057 01
Mining Lands and Yukon Branch—			
Mining fees	40	$ 195 50	
Rental	74	3,547 87	
Sundries	12	23 00	
Total			3,766 37
Grand total			$7,823 38

REPORT OF THE AGENT OF DOMINION LANDS, F. BARKER, THE PAS, MAN.

Statement of business transacted during the fiscal year ending March 31, 1918:—

Patent Branch—	Number.	Revenue.	Total
Land sales, cash	7	$ 509 40	
Total			$ 509 40
Timber and Grazing Branch—			
Timber permits	38	$1,204 30	
" seizures	1	22 50	
Hay permits	15	35 80	
Sundries	2	101 50	
Total			$1,364 10
Mining Lands and Yukon Branch—			
Mining fees	382	$1,762 50	
Assessment payments	7	1,000 00	
Sundries	748	1,912 30	
Total			4,674 80
School Lands Branch—			
Hay permits	2	$8 50	
Total			8 50
Grand total			$6,556 80

REPORT OF THE AGENT OF DOMINION LANDS, J. E. CARSON, PEACE RIVER, ALTA.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead entries	451	$4,510 00	
Improvements	46	1,971 12	
Land sales	24	2,467 65	
Searches	24	6 00	
Applications for patent	337	.....	
" inspection	94	.....	
Entries cancelled	140	.....	
Land lease	1	3 20	
Total			$ 8,957 97
Timber and Grazing Branch—			
Timber permits	356	$961 46	
Hay permits	146	249 00	
Grazing rentals	73	539 04	
Total			1,749 50
Mining Lands and Yukon Branch—			
Petroleum and natural gas lease	546	$21,844 71	
Coal permits	5	120 00	
Gravel	1	5 00	
Total			21,969 71
School Lands Branch—	.....	.....	
Hay permits	36	$ 151 64	
Grazing rentals	10	166 24	
Petroleum leases	32	1,098 20	
Cultivation permits	1	11 50	
Total			1,427 58
Miscellaneous—			
Seed grain and provision repayments	116	$6,689 10	
Total			6,689 10
Grand total			$40,793 86

REPORT OF THE AGENT OF DOMINION LANDS, R. M. TREEN, PRINCE ALBERT, SASK.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total
Patent Branch—			
Homestead fees	556	$5,560 00	
Purchased homestead fees	2	20 00	
Improvements	116	3,861 25	
Land sales, cash	57	3,521 67	
" " scrip	1	88 35	
Pre-emption payments	2	238 00	
Purchased homestead payments	7	997 75	
Searches, map sales, office fees	209	54 00	
Applications for patent received	259	.....	
" " inspection received	438	.....	
Entries cancelled	586	.....	
Total			$14,341 02
Timber and Grazing Branch—			
Bonus	1	$ 1,500 00	
Ground rent	16	11,134 71	
Royalty on sales	54	72,568 34	
Timber permits	538	6,035 18	
" seizures	21	2,738 46	
Hay permits	367	686 15	
Grazing rentals, cash	244	861 33	
Sundries (fire tax)	....	49 78	
Total			95,573 95
Forestry Branch—			
Permit fees and rental	435	$4,858 82	
Seizures	17	242 30	
Grazing rent, etc	22	174 15	
Hay dues, etc	90	270 30	
Total			5,545 57
Mining Lands and Yukon Branch—			
Mining fees	499	$2,584 50	
Total			2,584 50
School Lands Branch—			
General sales	2	$1,031 36	
Timber permits	29	506 77	
Hay permits	307	566 40	
Grazing rentals	124	1,259 31	
Cultivation permits	1	35 50	
Sundries	3	49 00	
Total			3,448 34
Miscellaneous—			
Seed grain and provision re-payments	209	$12,095 52	
Total			12,095 52
Grand total			$133,588 90

REPORT OF THE AGENT OF DOMINION LANDS, T. J. WADMAN, REVELSTOKE, B.C.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead fees	18	$180 00	
Improvements	15	406 66	
Land sales	3	350 38	
Townsite payments	11	300 30	
Purchased homestead payments	4	142 34	
Searches, map sales, etc	120	20 53	
Sundries	2	4 00	
Applications for patent	19	.....	
" inspection	8	.....	
Entries cancelled	26	.....	
Total			$ 1,404 21
Timber and Grazing Lands Branch—			
Bonus on timber	5	$ 4,306 51	
Ground rents	75	2,418 41	
Royalties	28	18,693 97	
Timber permits	86	639 64	
" seizures	3	532 50	
Grazing rentals	1	3 20	
Fireguarding	1	1,118 59	
Sundries	4	2 50	
Total			27,715 32
Mining Lands and Yukon Branch—			
Rentals	1	$40 20	
Total			40 20
Grand total			$29,159 73

REPORT OF THE AGENT OF DOMINION LANDS, W. A. MACINNES, SASKATOON, SASK.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total
Patent Branch—			
Homestead fees	226	$ 2,260 00	
Pre-emption fees	57	570 00	
Purchased homestead fees	23	230 00	
Improvements	52	4,897 10	
Land sales, cash	39	3,753 70	
Pre-emption payments	570	181,735 77	
Purchased homestead payments	308	58,387 41	
Searches, map sales, office fees	780	195 00	
Applications for patent received	1,600	.....	
" " inspection received	257	.....	
Entries cancelled	279	.....	
Total			$252,028 98
Timber and Grazing Branch—			
Timber permits	20	$ 21 50	
" seizures	4	3 75	
Hay permits	80	178 55	
Grazing rentals, cash	52	143 78	
" " scrip	50	505 32	
Excess hay	2	1 70	
Total			854 60
Forestry Branch—			
Timber dues	56	$ 89 00	
Permit fees and rental	2	50	
Seizures	1	2 00	
Grazing rent, etc	26	229 80	
Hay dues, etc	14	27 45	
Total			348 75
Mining Lands and Yukon Branch—			
Sundries	12	$456 25	
Total			$456 25
School Lands Branch—			
General sales	4	$2,750 00	
Timber permits	3	13 25	
Hay permits	567	1,525 95	
Grazing rentals	405	4,405 38	
Cultivation permits	11	203 50	
Excess hay	13	813 40	
Total			9,711 48
Miscellaneous—			
Seed—grain and provision repayments	3,040	$336,584 06	
Total			$336,584 06
Grand total			$599,984 12

REPORT OF THE AGENT OF DOMINION LANDS, S. LEE, SWIFT CURRENT, SASK.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total.
Patent Branch—			
Homestead entries	320	$ 3,200 00	
Pre-emption entries	128	1,280 00	
Purchased homestead entries	17	170 00	
Improvements	52	4,578 15	
Land sales, cash	10	1,912 05	
Pre-emption payments	1,043	358,629 96	
Purchased homestead payments	121	25,331 65	
Searches, map sales, etc.	1,592	398 00	
Total			$395,499 81
Timber and Grazing Branch—			
Timber permits	4	$ 1 00	
Hay permits	53	113 60	
Grazing rentals, cash	419	5,346 65	
Total			5,461 25
Forestry Branch—			
Permit fees and rental	1	$ 1 00	
Seizures	1	3 00	
Grazing rent	18	221 25	
Hay dues	10	37 75	
Total			263 00
Irrigation Branch—			
Sales	1	$0 30	
Total			30
Mining Lands and Yukon Branch—			
Mining fees	5	$25 00	
Rental	1	12 00	
Royalty	2	5 10	
Assessment payments	3	45 00	
Coal permits	1	2 00	
Total			89 10
School Lands Branch—			
Hay permits	451	$ 742 70	
Grazing rentals	384	4,971 61	
Cultivation permits	1	5 00	
Sundries	5	4 70	
Total			5,724 01
Miscellaneous—			
Seed grain and provision repayments	1,889	$327,178 38	
Total			327,178 38
Grand total			$734,215 85

REPORT OF AGENT OF DOMINION LANDS, L. RANKIN, WINNIPEG, MAN.

Statement of business transacted during the fiscal year ending March 31, 1918:—

	Number.	Revenue.	Total
Patent Branch—			
Homestead entries	868	$ 8,680 00	
Improvements	201	7,675 07	
Land sales, cash	59	5,369 69	
Searches, maps, etc	741	480 65	
Seed grain	493	14,273 19	
Total			$36,478 60
Timber and Grazing Lands Branch—			
Grazing rentals	82	$510 58	
Hay rentals	2	20 00	
Total			530 58
Mines Branch—			
Mining fees	1,315	$5,906 30	
Rentals	35	860 67	
Quarries	3	76 96	
Total			6,843 93
School Lands Branch—			
Sales	22	$5,335 01	
Grazing rentals	90	1,188 97	
Coal permit	1	5 00	
Cultivation permit	1	4 00	
Total			6,532 98
Grand total			$50,386 09

General—	
Applications for patent	666
" " inspections	401
Entries cancelled	582

REPORT OF THE MINING LANDS AND YUKON BRANCH.—H. H. ROWATT, CONTROLLER.

The total revenue of this branch, derived from all sources during the fiscal year, amounts to $639,929.98, being an increase of $27,001.92 over the previous year. Owing to conditions resulting from the war, it has been found necessary to grant, in a number of cases, extensions of time within which to pay the rental of mining locations acquired under lease.

The statements lettered "A" and "B," showing in different forms how the revenue is made up, will be found at the end of this report. The statement lettered "A" shows the total revenue for each month, and the statement lettered "B" shows the revenue collected at each agency, including the Yukon Territory.

The revenue for the Yukon Territory for the year amounts to $150,809.32.

The reports and statements for the fiscal year from the Gold Commissioner and the Crown Timber and Land Agent at Dawson in the Yukon Territory, also the report of the Inspecting Engineer, are herewith submitted.

TIMBER IN THE YUKON TERRITORY.

The total amount of dues collected on account of timber in the Yukon Territory during the fiscal year was $12,235.41. During the year 145 permits were issued, under the authority of which 257,936 feet b.m. of timber and 18,524¼ cords of wood were cut. The dues collected on permits issued amounted to $9,027.61.

There are in existence ninety timber berths held under license to cut timber within the Territory, covering an area of 188·93 square miles, which licenses were granted prior to the 10th May, 1906, on which date the regulations governing the granting of licenses to cut such timber in the Territory were rescinded, and regulations for the issue of permits to cut timber substituted therefor.

According to returns received in the department, the number of feet b.m. of lumber manufactured under license during the year and sold was 250,290 and the number of cords of wood cut 3,119½. Seizure dues, amounting to $480.86, were collected on 443¾ cords of wood and 1,778 feet of lumber cut in trespass. This does not include the very large amount of timber and cordwood cut free of dues for mining purposes.

MINING LANDS OTHER THAN COAL.

During the fiscal year 752 entries for quartz mining claims were granted by the mining recorders in Manitoba, Saskatchewan, and Alberta, and by the mining recorder for unorganized districts.

According to the returns received from the Yukon Territory during the fiscal year, 293 entries for placer mining claims, 64 entries for quartz mining claims, and 3,667 renewals and relocations were recorded. The revenue collected from these sources and from fees for registering documents in connection with mining properties was $60,964.30.

ROYALTY ON GOLD MINED IN THE YUKON TERRITORY.

The total amount collected up to the 31st March, 1918, for royalty on gold, the output of placer mining claims in the Yukon Territory, after deducting the exemption at one time allowed under the regulations, was $4,664,620.64, of which amount $81,650.55 was collected during the last fiscal year. For the purpose of estimating this royalty the gold is valued at $15 an ounce, which is much below its real value.

The actual value of gold produced from placer mining operations in the Yukon Territory, up to the 31st March last, might be safely placed at $152,316,110.

The statement lettered "C," at the end of this report, shows the total gold production, the total production subject to royalty, and the total royalty collected for each fiscal year from the 1st May, 1898, to the 31st March, 1918.

DREDGING.

Twenty-five leases to dredge for minerals in the beds of rivers in the Yukon Territory are now in force, covering a total frontage of 147·76 miles. The total revenue derived from this source up to the 31st March, 1918, amounts to $198,260.09, of which $701.76 was collected during the fiscal year just closed.

These dredging leases are confined to the Yukon, Fortymile, Big Salmon, Klondike, and Sixtymile rivers.

There are in operation in the Yukon Territory eleven dredges. Most of these dredges are working on the Klondike river and tributaries, and are operated by hydro-elective motive power. Two of the largest gold-saving dredges in the world are being operated most successfully on the Klondike river-flat.

Eleven leases to dredge for minerals in the submerged beds of rivers in the provinces of Alberta and Saskatchewan are now in force, covering a total frontage

of 52·19 miles. Of these leases, ten are in the province of Alberta and include 45 miles, and one is in the province of Saskatchewan and includes 7·19 miles. The total revenue derived from this source up to the 31st March, 1918, amounts to $46,526.35, of which amount $470.20 was collected during the past fiscal year.

HYDRAULIC MINING.

The hydraulic mining regulations relating to the Yukon Territory were rescinded by an Order in Council dated the 2nd of February, 1904, but leases already granted were not affected by such withdrawal.

There are still in force in the Yukon Territory seven hydraulic mining leases, covering an area of 15·27 square miles. Since the hydraulic mining regulations were first established in December, 1898, forty-seven hydraulic mining leases have been issued, all of which have now been cancelled, with the exception of the above number.

HOMESTEADS IN THE YUKON TERRITORY.

Ninety-four homestead entries in the Yukon Territory have been granted, of which seventy-one are now in force, comprising a total area of 11,050·56 acres. Patents have been issued for seven homesteads.

PETROLEUM AND NATURAL GAS.

There are now in force under the regulations 3,369 petroleum and natural gas leases embracing a total area of 1,173,591 acres distributed as follows: In Manitoba, five leases, comprising 1,213 acres; in Saskatchewan, ninety-two leases, comprising 43,476 acres; in Alberta, 2,966 leases, comprising 1,044,777 acres; in British Columbia, 298 leases, comprising 75,165 acres; and in the Northwest Territories, eight leases, comprising 8,960 acres. The total revenue derived from petroleum lands during the year amounts to $124,727.19.

Natural gas has been discovered and is now being utilized for commercial and domestic purposes in different parts of the province of Alberta. Oil has been discovered, but not in large quantities. Boring operations are being carried on throughout Alberta and Saskatchewan with a view to further discoveries.

QUARRYING.

The number of leases now in force, issued under the provisions of the regulations, is 274, distributed as follows: In Manitoba, eighty-five leases, comprising 2,130 acres; in Saskatchewan, thirty-four leases, comprising 1,058 acres; in Alberta, ninety leases, comprising 3,775 acres; and in British Columbia, sixty-five leases, comprising 2,025 acres.

The total revenue collected during the fiscal year on account of quarrying leases, including the application fees, amounts to $7,129.70.

WATER-RIGHTS.

There are now in force in the Yukon Territory 468 grants to divert water for mining purposes, aggregating a total of 115,571 miner's inches. During the last fiscal year thirteen water-rights were issued, comprising 5,925 miner's inches.

Grants are issued by this department, authorizing the diversion of water in the Yukon Territory for power purposes. Up to date, thirteen grants have been issued, authorizing the diversion of 131,200 miner's inches of water. Four of these grants have been permitted to lapse, but the remaining nine, authorizing the diversion of

66,200 miner's inches of water, are in good standing. Two power plants have been installed, one of which is situated on the north fork of the Klondike river, and it appears that this plant is kept in operation during the winter, and the power generated is being used for heating and lighting purposes in the city of Dawson.

COAL MINING LANDS.

The total amount collected on account of the sale of coal mining lands up to the 31st March, 1918, was $2,097,228.90.

COAL LEASES.

The total number of coal mining leases in force at the close of the fiscal year was 562, including a total area of 288,087 acres, distributed as follows: In the province of Alberta, 479 leases, comprising 280,310 acres; in Saskatchewan, eighty-two leases, comprising 7,737 acres; and in the Yukon Territory one lease, comprising 40 acres.

The total number of leases of coal mining rights issued during the year was 117, comprising 46,543 acres. The total revenue received during the year for rental of coal mining rights was $182,323.53.

ROYALTY ON COAL.

Under the regulations governing the issue of leases to mine coal the royalty is fixed at 5 cents per ton of 2,000 pounds on the merchantable output of the mine.

The following is a statement showing the amount collected on account of royalty on coal mined from lands in the western provinces, the Northwest Territories, and the Yukon Territory, respectively, during each year since the regulations came into effect:—

Year.	Alberta.	Saskatchewan.	British Columbia.	Yukon.	N. W. T.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
1903–4	56 90	Nil.	Nil.	2 40	Nil.
1904–5	2,822 00	110 70	Nil.	47 00	Nil.
1905–6	2,379 75	47 10	Nil.	569 33	Nil.
1906–7	3,865 26	74 20	Nil.	517 34	Nil.
1907–8	7,621 67	4 30	Nil.	1,543 38	Nil.
1908–9	5,322 39	358 11	Nil.	371 73	Nil.
1909–10	153,559 98	1,672 50	3 00	136 38	Nil.
1910–11	218,932 88	2,184 74	3 50	125 00	Nil.
1911–12	104,894 55	2,034 74	2 78	390 00	Nil.
1912–13	142,997 79	3,145 72	6 95	1,069 11	Nil.
1913–14	147,198 75	2,123 43	19 35	Nil.	Nil.
1914–15	104,489 77	1,880 06	4 90	Nil.	Nil.
1915–16	67,190 17	2,601 52	3 50	Nil.	5 10
1916–17	149,447 82	2,228 08	8 92	Nil.	Nil
1917–18	144,634 75	4,046 55	Nil.	Nil.	6 00

By an Order in Council dated the 16th March, 1918, provision was made that, owing to the scarcity of fuel in the Yukon Territory, no royalty shall be levied or collected on coal mined in that territory for a period of five years, that is up to 7th of April, 1923.

The total amount derived from coal mining lands on account of purchase price, rental, royalty and application fees, during the fiscal year, amounted to $338,701.19.

During the past year gold, to the value of $9,137 was extracted from ores taken from mineral claims in northern Manitoba, and over 3,000 tons of copper ore from the same district were profitably treated at Trail, B.C.

There are eleven members of the staff of this branch on active service.

REVENUE OF DOMINION LANDS, INCLUDING THE YUKON TERRITORY.

A.—STATEMENT of Receipts on account of Coal and Minerals in the Provinces and Territories, also Timber, Hay, Coal, Hydraulic Mining, Dredging, Royalty on Gold, Mining Fees, Rental of Agricultural Lands, Water Power and Water Fronts and sale of Dominion Lands in the Yukon Territory for the fiscal year ended March 31, 1918.

Quartz acreage sale	$ 526 67
Dominion Lands sales	585 45
Coal sales	3,600 36
Coal mining	4,090 00
Coal royalty	148,687 30
Coal rental	182,323 53
Rental, Yukon	6,872 15
Timber dues, Yukon	12,235 41
Mining fees	60,964 30
Hydraulic leases	2,273 23
Dredging leases, N.W.T.	470 20
Dredging leases, Yukon	701 76
Gold export tax	81,650 55
Free certificates, export of gold	35 00
Stone quarry	7,129 70
Registration fees	125 50
Homestead fees	50 00
Hay, Yukon	31 10
Potash	1,630 00
Tar-sands	1,008 98
Sand, stone and gravel	56 00
Petroleum and natural gas	124,727 19
Interim receipt account	155 60
Amount	639,929 98

B.—STATEMENT showing the total amount of Revenue Collected, including the Yukon Territory, for the fiscal year ended March 31, 1918.

Quartz acreage sales	$ 526 67
Dominion Lands sales	585 45
Coal sales	3,600 36
Coal mining	4,090 00
Coal royalty	148,687 30
Coal rental	182,323 53
Rental Yukon	6,872 15
Timber dues, Yukon	12,235 41
Mining fees	60,964 30
Hydraulic leases	2,273 23
Dredging leases, Northwest Territories	470 20
Dredging leases, Yukon	701 76
Gold export tax	81,650 55
Free certificates, export of gold	35 00
Stone quarry	7,129 70
Registration fees	125 50
Homestead fees	50 00
Hay, Yukon	31 10
Potash	1,630 00
Tar-sands	1,008 98
Sand, stone and gravel	56 00
Petroleum and natural gas	124,727 19
Interim receipt account	155 60
Amount	639,929 98

C.—STATEMENT showing the total Gold Production, the total subject to Royalty and the total Royalty collected for each fiscal year from May 1, 1898, to March 31, 1918.

Fiscal Year.	Gold Production.	Subject to Royalty	Royalty Collected.	Total Revenue.
	$ cts.	$ cts.	$ cts.	$ cts.
1897–1898	3,072,773 20	2,732,928 20	273,292 82	273,292 82
1898–1899	7,582,283 02	5,882,626 00	588,262 37	589,943 52
1899–1900	9,809,464 64	7,307,720 00	730,771 99	733,041 04
1900–1901	9,162,082 79	7,234,416 17	592,660 98	596,368 03
1901–1902	9,566,340 52	8,367,225 88	331,436 79	331,532 04
1902–1903	12,113,015 34	12,113,015 34	302,893 48	302,893 48
1903–1904	10,790,663 12	10,790,663 12	272,217 96	272,217 96
1904–1905	8,222,053 91	8,222,053 91	206,760 87	206,760 87
1905–1906	6,540,007 09	6,540,007 09	163,963 25	163,963 25
1906–1907	3,304,791 05	3,304,791 05	82,622 42	82,622 42
1907–1908	2,820,161 60	2,820,161 60	70,504 65	70,504 65
1908–1909	3,260,282 80	3,260,282 80	81,507 07	81,507 07
1909–1910	3,594,251 20	3,594,251 20	89,844 10	89,844 10
1910–1911	4,126,727 60	4,126,727 60	103,168 19	103,168 19
1911–1912	4,024,236 75	4,024,236 75	100,606 29	100,606 29
1912–1913	5,018,411 85	5,018,411 85	125,460 52	125,460 52
1913–1914	5,301,507 60	5,301,507 60	132,537 69	132,537 69
1914–1915	4,649,634 40	4,649,634 40	116,241 04	116,241 04
1915–1916	4,458,278 00	4,458,278 00	111,457 19	111,457 19
1916–1917	3,960,206 99	3,960,206 99	99,007 92	99,007 92
1917–1918	3,266,018 85	3,266,018 85	81,650 55	81,650 55
Total	124,643,192 32	116,975,164 40	4,656,868 14	4,664,620 64

GOLD COMMISSIONER'S REPORT, G. P. MacKENZIE.

GOLD PLACER MINING.

There were 217,734·57 ounces of gold mined during the year, and royalty amounting to $81,650.55 paid.

The production was very materially affected by conditions brought about by the war. The cost of machinery, tools, and, in general, all kinds of supplies has greatly increased, in some instances as much as 100 per cent, as well as the cost of labour.

The North West Corporation, in particular, the owner of very large mining areas, have not been able to secure the capital necessary to put equipment on their property, and have consequently confined their operations to removing the overburden from the gravels by ground sluicing, and only sufficient of this class of work has been performed to represent their claims.

THE YUKON GOLD COMPANY.

Dredging operations.—The Yukon Gold Company operated seven dredges continuously for a period of 150 days, from 20th May to 17th October.

THE CANADIAN KLONDYKE MINING COMPANY, LIMITED.

Dredging operations.—This company operated their four dredges.

These dredges are all electrically driven, the power being furnished by the Canadian Klondike Power Company's hydro-electric plant at the North Fork of the Klondike river. This plant, which is under the same management as the Canadian Klondike Mining Company, was kept in operation throughout the entire year.

An average of 200 men was employed in these dredging operations and 5,500,000 cubic yards of material was dredged.

Hydraulic Operations.—Extensive hydraulic operations were carried on by the company on their property on Last Chance creek. The Klondike river is the source of their water-supply for these operations, the water being pumped through a ditch four miles long to a pumping plant situated near the mouth of Hunker creek, from where it is pumped to a ditch on the Left Limit of Hunker creek, and there conveyed through another ditch four miles long to Last Chance creek. The pumping equipment consists of a 4-stage Kingsford centrifugal pump, direct-connected to a 1,200-horse-power rotor-wound motor pumping against a 600-foot hydraulic head.

In addition to the men employed by this company in their dredging and hydraulic operations, a considerable force was employed in prospecting with a Keystone drill, in their machine shops, and in procuring wood for their thawing operations.

NORTH WEST CORPORATION, LIMITED.

This company did not recover any gold during the year, but confined their operations, as already stated, to ground sluicing, 523,300 cubic yards of material being removed from claims situated between Nos. 236 to 276 below Lower Discovery on Dominion creek, and 231,600 cubic yards from their claims on Lower Quartz creek.

INDIVIDUAL OPERATIONS.

Operations carried on by individuals, or by men in partnership, some of them with quite extensive equipment were on a more extensive scale than in the previous year. Hunker and tributaries had thirty such operators, Dominion, six; Sulphur, fifteen; Quartz, ten; Eureka, eight; Gold Run, three; Clear Creek, four; Scroggie and tributaries, twelve; Barker, three; Thistle, eight; Kirkman, ten; and Ten Mile, five; while the operations of this character in the Glacier and Duncan Mining Districts were about the same as last year.

LODE MINING.

Of the large number of mineral claims in good standing, only on a very few has any real development work been attempted.

The silver-lead properties in the Duncan district continue to attract the attention of mining experts, and the outlook is, to say the least, most encouraging.

SCHEELITE.

A discovery of scheelite on Dublin gulch justifies further investigation, especially in view of the high price now paid for this ore. A trial shipment of 350 pounds forwarded to the Munition Resources Commission shows that the ore is high grade, running 69½ per cent tungstic acid, and at the present market price, the net value of the 350 pounds, after the freight charges are paid, is $255.

REPORT OF CROWN TIMBER AND LAND AGENT, DAWSON, YUKON TERRITORY, G. P. MACKENZIE.

There has been a net decrease in revenue of $1,741.72 in the Timber Branch and $909.16 in the Lands Branch, compared with the previous fiscal year.

The decrease in revenue in the Timber Branch is accounted for largely by the fact that the amount of coal used was in excess of the previous year, and as a consequence less wood was needed. The revenue from this source, however, although less than in the previous year, was greater than in 1916 and well up to the average for the previous five years.

The slight loss of revenue in the Lands Branch was on account of land rentals and sales.

WOOD AND TIMBER.

One hundred and thirty-nine permits were issued during the year, under authority of which 17,260¼ cords of wood and 257,936 feet b.m. of logs were cut; 3,119½ cords of wood and 250,290 feet b.m. of logs were cut under license. Seizure dues were paid on 443¾ cords of wood and 1,778 feet b.m. of logs. The number of cords of wood cut and used for mining purposes during the year is estimated at 30,000.

The Yukon Saw-mill Company operated their mill at Dawson during the summer and continued to carry a well-assorted stock of both native and British Columbia lumber.

The Canadian Klondyke Mining Company's mill at the North Fork of the Klondike river cut most of the lumber required by that company for their mining operations, and one mill at Mayo manufactured sufficient to satisfy the requirements of the Upper Stewart district.

Inspections were made from time to time of the various timber camps, and I am pleased to report that no forest fires of any magnitude occurred during the year.

COAL.

The only coal mine operated was that of the Five Fingers Coal Company, at Tantalus. The coal from this mine continues to improve in quality as a greater depth is reached, and an adequate supply was placed in the bunkers at Dawson.

REPORT OF INSPECTING AND ENGINEERING DIVISION OF THE M. L. AND Y. BRANCH, O. S. FINNIE.

The duties of the inspecting engineer are, briefly, to inspect and survey coal mines on Dominion and School Lands with the object of checking the output for royalty purposes and to ascertain whether the operations are being confined to the proper lands. There are 196 coal mines, subject to royalty, operating in Alberta, and 56 in Saskatchewan.

During the year the number of mines inspected were 225; reports made, 472; plans of mines received and examined, 173; plans compiled, 51; new surveys made, 12; extensions of surveys, 39; declarations of output, about 100.

During the year a map of Alberta was prepared and published, indicating the lands disposed of by sale and by lease, both on Dominion and School Lands. It also shows railway lands, Hudson's Bay lands, Dominion Parks and Forest reserves. It is published in two sheets, one from Calgary, south to the boundary, and the other from Calgary, north to township 65. There is no doubt it will be found a very useful and necessary map, particularly to the mining community.

During the year a number of the oil and gas fields were inspected. From Okotoks a considerable quantity of oil was shipped. In the month of June, 1917, these shipments amounted to 550 barrels, and in July to 891 barrels. The total shipments from Okotoks, up to July 31, 1917, were 6,531 barrels, which is equivalent to 276,376 gallons. Further drilling is being done at Bow island, and very promising results are being obtained in the Viking and Peace River districts.

REPORT OF THE CONTROLLER OF THE TIMBER AND GRAZING LANDS BRANCH, B. L. YORK.

The total revenue of this branch, derived from timber, grazing and hay lands, during the fiscal year, amounts to $569,607.39, which is an increase of $35,225.64 over the preceding year.

At the conclusion of this report will be found statement "A," which sets out the total revenue of the branch from its various sources; statement "B" showing the revenue from timber by agencies; statement "C" other sources of revenue by agencies.

Statements from the Crown Timber Agents at Calgary, Edmonton, Prince Albert, Winnipeg, Kamloops, New Westminster, and Revelstoke, showing the revenue collected on Dominion lands within their respective agencies, and other information, are appended hereto.

The report of the Inspector of Crown Timber Agencies, whose headquarters are at Winnipeg, and the reports of the Inspectors of Ranches located at Calgary, Maple Creek, Moosejaw, and Prince Albert are also attached.

The revenue derived from timber and grazing lands, received at the Crown Timber Agencies above mentioned; also the number of mills operated on timber berths held under license, and the number of portable sawmills in operation, may be summarized as follows:—

Agency.	Total Revenue.	No. of mills operating under license.	No. of mills operating under permit.
	$ cts.		
Calgary	32,666 81	13	14
Edmonton	126,610 80	32	83
Prince Albert	96,705 64	27	34
Winnipeg	64,076 79	20	40
Kamloops	20,412,17	5	
New Westminster	75,797 52	21	
Revelstoke	27,837 90	7	

The returns of operations received from the timber agencies above mentioned show the quantity of timber manufactured under government license during the year, and the quantity sold, as follows:—

——	Manufactured	Sold.
Sawn lumber, feet b.m	272,998,339	237,607,059
Shingle bolts	25,086	23,382
Railway ties	5,041	56,538
Laths	33,277,860	44,347,390
Piling, lineal feet	59,867	61,492
Telegraph poles	2,728	1,140
Cordwood	531	566
Fence posts	949,550	943,550

The following shows the material manufactured on permit and portable sawmill berths, and the quantity sold:—

	Manufactured.	Sold.
Sawn lumber, feet b.m	33,868,269	36,835,018
Shingles	314,000	1,276,250
Shingle bolts, cords	11,852	11,852
Railway ties	36,428	36,428
Fence posts	182,958	182,458
Cordwood	7,919	8,891
Piling, lineal feet	8,000	8,000
Mining props and mining timber	1,597,966	1,712,635

The quantity of lumber manufactured and sold within each agency will be found in the agents' reports appended hereto.

The area of timber lands held under license and permit in the provinces of Manitoba, Alberta, and Saskatchewan, and in the Railway Belt in the province of British Columbia, is as follows:—

	Under license.	Under permit.
	Square miles	Square miles
Manitoba	1,241·00	507·83
Alberta	2,027·59	27·92
Saskatchewan	1,672·20	110·74
British Columbia	1,739·78	4·51
Totals	6,680·57	651·00

During the year 113 berths were granted, of which eight were licensed berths, forty-seven portable sawmill, and fifty-eight cordwood.

GRAZING.

There were in force on March 31, 1918, 4,796 grazing leases, covering an area of 5,746,178 acres, in the provinces of Manitoba, Alberta, Saskatchewan, and British Columbia, as follows:—

	Acres.
Manitoba	66,563
Alberta	2,563,145
Saskatchewan	2,723,217
British Columbia	393,253

This is an increase of 56,714 acres over the previous year. During the year there were 708 new leases issued.

STATEMENT "A."—Statement of Revenue for Fiscal Year 1917-18.

Timber	426,293 79
Grazing	116,605 11
Hay	8,003 00
Registration	184 86
Fire tax	15,502 45
Improvements	1,192 60
Scaling books	47 50
Scaling Fees	1,778 08
Total	569,607 39

STATEMENT "B."—Statement of Revenue from Timber for Fiscal Year 1917-18.

Bonus under license	30,376 53
Rental under license	47,932 67
Royalty under license	164,177 67
Permit fees, dues and rental	136,094 58
Seizure	47,712 34
Scaling books	47 50
Scaling fees	1,778 08
Total	428,119 37

STATEMENT "C."—Statement of Revenue from Grazing, Hay, Registration Fees, Fireguarding Dues, and Improvements, for Fiscal Year 1917-18.

Grazing		$ 116,605 11
Hay		8,003 00
Registration fees		184 86
Fire tax	$ 1,602 29	
" " head office	13,899 50	
		15,502 45
Improvements		1,192 60
Total		$ 141,488 02

CHIEF INSPECTOR OF DOMINION CROWN TIMBER OFFICES, E. F. STEPHENSON.

STATEMENT "A."—Summary of Work performed and Revenue collected at the respective Crown Timber Offices during the year ended March 31, 1918.

Agency.	Timber and Grazing.									Forestry.				School Lands.					Revenue.
	Bonus.	Ground Rent.	Royalty on Sales.	Timber Permits Issued.	Timber Seizures.	Hay Permits.	Grazing Rentals.	Sundries.		Permit Dues and Rentals.	Seizures.	Grazing Rentals.	Hay Permits.	Timber Permits.	Hay Permits.	Grazing Permits.	Seizures.	Sundries.	
Battleford				178	5	309	432	9		241		86	24	1	526	293		9	9,153 59
Calgary		36	39	97	4	37	480	1		84	3	62	15	1	517	391	1		46,633 19
Dauphin				471	24	241	51			1,735	79	28	251	3	228	43	2		20,389 16
Edmonton	4	43	43	1,509	131	527	166	564		93	12	16	39	59	474	318		87	137,267 40
Grande Prairie				365		298	64	93							49	64			3,273 30
High Prairie				42		44	21	12		1			2		7	14			755 68
Humboldt				83	4	170	66	8						9	398	178	1	14	3,322 92
Kamloops	2	51	24	314	10	9	452	25		35	3	8	12						20,664 71
Lethbridge				28		4	296	10		162	4	62	8		46	164		1	11,290 16
Maple Creek				42	1	231	1,110	8		204	2	72			412	241		9	24,651 79
Medicine Hat				6		95	901	3		147			65		91	187		1	24,923 24
Moose Jaw				7	1	53	530	1		146	12	70	71	3	880	653			15,235 62
New Westminster	2	173	142	110	10		1	127											75,083 28
Peace River				309		131	73								28	10			2,067 38
Prince Albert	1	16	54	538	21	367	244	1		435	17	22	90	29	307	124			103,536 50
Red Deer				104	7	76	153	1		34		5	3	2	360	251			6,754 00
Revelstoke	5	75	28	86	3		1	5											27,715 32
Saskatoon				20		80	102	6		58	1	26	14	3	567	405		24	8,174 83
Swift Current				4		63	419			1	1	18	10		451	384		6	11,448 26
The Pas				38	1	15		2							2				1,372 60
Yorkton				20		71	12			213	5	14	74	1	239	96		1	3,109 39
Weyburn						107	151					4	37	3	412	121			3,787 59
Winnipeg		97	40	1,639	58	783		145		138		140	95	94	725		9		69,658 34
Total	14	491	372	6,010	280	3,711	5,725	1,021		3,727	139	633	810	208	6,719	3,937	13	152	630,268 25
Previous year	7	516	419	6,196	295	3,834	5,254	887		3,120	137	567	716	181	6,733	3,813	12	136	545,033 41

N.B.—(Revenue exclusive of payments made to the Department on account of the respective Agencies.)

STATEMENT "B," showing Manufacture and Sale of Timber Products Cut by Holders
Year ended

Timber Cut under Permit for Commercial

Agency.	Lumber Feet, B.M.			Lath.	
	Manufactu'd	Marketed.	On Hand.	Manufactu'd.	Sold.
Calgary	14,050,969	18,949,459	2,915,464		
Edmonton	27,503,467	26,075,785	6,159,337	3,488,400	3,438,650
Kamloops	20,234,411	20,234,411	Not known.		
New Westminster	57,698,754	57,698,754	Not known.		
Prince Albert	112,506,042	116,410,377	29,324,281	24,288,450	35,260,600
Revelstoke	22,559,366	22,559,366	Not known.		
Winnipeg	18,445,330	18,472,684	4,952,993	5,134,960	4,628,590
Total	272,998,339	280,400,836	43,352,075	32,911,810	43,327,840
Calgary	2,857,364	3,211,399	419,683		
Edmonton	12,882,204	14,858,451	3,201,180		
Kamloops	5,000,000	5,000,000	Not known.		
New Westminster	11,797,462	11,797,462	Not known.		
Prince Albert	1,561,029	1,271,492	923,811		
Revelstoke	357,000	357,000	Not known.		
Winnipeg	1,934,977	3,165,165	10,053,623		
Total	36,390,036	39,660,969	14,598,297		
Grand total	309,388,375	317,061,805	57,950,372	32,911,810	43,327,840
Previous year	309,880,991	319,387,112	100,333,765	46,725,174	42,435,884

of Timber Berths on Dominion Lands Cut under Yearly License during the Fiscal March 31, 1918.

Purposes during the same Period.

	Railway Ties.	Shingles.		Piling and Mining Props.	Saw Logs.			Fence Posts.
On Hand.		Manufactured Sold.	Bolts, Cords.	Sold, Lineal Feet.	Pieces Cut.	Manufactured.	On Hand.	
.....	38,295	.....	.....	.....	350,246	267,716	476,349	.....
330,450	12,660	.....	.....	1,194	520,638	453,157	337,119	.....
.....	1,276	.....	505	2,440	179,456	179,456	.....	60,793
.....	2,200	23,135	23,135	2,985	76,260	76,913	3,900	.....
5,431,200	3,343	.....	.....	.....	1,688,802	1,849,283	1,874,716	.....
.....	.....	.....	1,446	57,787	233,419	Not known.	.....	888,757
2,251,362	540	.....	.....	.....	470,065	404,246	432,107	.....
8,013,012	58,314	23,135	25,086	64,406	3,518,886	3,230,771	3,124,191	949,550
.....	.....	.....	.....	1,740,199	109,793	139,189	36,756	.....
.....	.....	1,276,250	.....	457,644	227,781	192,532	112,849	19,758
.....	12,220	.....	268	18,000	Not known.	.....	.....	.....
.....	19,521	11,682	11,682	.....	Not known.	.....	.....	.....
.....	.....	.....	.....	.....	73,439	33,343	52,954	.....
.....	1,100	.....	170	.....	.....	.....	.....	163,240 and 1,968 Cords of Wood.
.....	3,587	.....	.....	.....	16,792	43,318	13,609	.....
.....	36,428	1,276,250	12,120	2,209,843	427,805	410,382	216,168	182,958 and 1,968 Cords of Wood.
.....	.....	11,682	.....	.....	.....	.....	.....	
8,013,012	1,370,992	34,817	37,206	2,274,249	3,946,685	3,641,153	3,340,359	1,132,508
18,814,602	307,009	901,000	62,191	117,345	2,522,679	3,958,756	3,378,894	1,163,324

STATEMENT "C."—Timber Material covered by Permits issued at the respective Agencies, principally to Homestead Settlers, during the year ended March 31, 1918.

Agency.	Lumber and Logs Feet B.M.	Fence Rails.	Poles.	Fence Posts	Cords Cord-Wood.	Rail-way Ties.	Telegraph and Telephone Poles.	Round Timber.	Cords Shingle Bolts.
Battleford	1,062,302	18,910	2,816	20,270	2,564	.....	.....	.....	.....
Calgary	666,967	28,498	3,450	50,875	2,567	.....	540	1,096,000	.....
Dauphin	7,137,311	10,125	250	84,712	13,881	.....	.....	.....	.....
Edmonton	8,007,364	933,626	188,235	279,261	7,682	128,092	280	2,572,456	.....
Grande Prairie	2,366,421	495,028	94,457	113,447	30	.....	.....	.....	.....
High Prairie	432,303	47,750	8,920	16,000	567	.....	.....	.....	.....
Humboldt	322,864	3,200	1,100	3,450	196	.....	.....	.....	.....
Kamloops	5,614,052	11,100	3,535	359,453	5,664	12,220	21,240	18,000	268
Lethbridge	140,096	28,148	950	22,215	2,827	.....	.....	90,800	.....
*Maple Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....
†Medicine Hat	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moosejaw	.....	1,275	.....	2,475	476	.....	.....	.....	.....
New Westminster	11,797,462	.....	.....	.....	212	19,521	.....	.....	11,682
Peace River	1,497,158	301,260	99,213	90,720	1,470	.....	.....	.....	.....
Prince Albert	6,552,832	378,979	72,744	138,673	22,870	49,975	.....	.....	.....
Red Deer	151,200	10,800	900	30,100	1,820	.....	.....	69,000	.....
Revelstoke	367,500	700	.....	.....	.....	.....	.....	.....	.....
Saskatoon	136,750	4,075	800	3,900	562	.....	.....	.....	.....
Swift Current	.....	.....	150	600	20	.....	.....	.....	.....
The Pas	150,530	.....	10,500	.....	4,816	.....	.....	.....	.....
Yorkton	1,113,140	16,500	.....	16,500	950	.....	.....	.....	.....
‡Weyburn	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg	4,810,713	59,790	21,214	146,900	86,408	76,700	10,500	282,800	‡‡ 2,105
Total	52,326,965	2,369,764	511,234	1,379,551	155,682	286,508	32,560	4,129,056	14,055
Previous year	59,493,180	4,002,856	689,961	1,694,874	182,221	1,141,713	12,335	13,666,845	26,697

*(Office closed, information cannot be obtained.)
†(Included in Lethbridge).
‡(Office closed, information cannot be obtained.)
‡‡Pulpwood Cords..

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STATEMENT "D," showing the number of Hay Permits issued at the respective Crown Timber Offices and the amount of hay covered thereby for the year ended March 31, 1918.

Agency.	Dominion Lands		School Lands.		Forestry Lands.		Revenue.
	Number Permits Issued.	Tons of Hay.	Number Permits Issued.	Tons of Hay.	Number Permits Issued.	Tons of Hay.	
							$ cts.
Battleford	359	6,255	526	7,869	24	862	2,187 85
Calgary	37	833	517	13,122	15	445	7,300 02
Dauphin	241	4,322	228	2,553	251	3,887	1,528 35
Edmonton	627	5,066	474	5,186	37	1,749	1,980 14
Grande Prairie	298	5,277	49	614			726 20
High Prairie	44	1,254	7	105	2	10	211 85
Humboldt	172	2,200	432	5,600			1,077 65
Kamloops	9	68			11	102	24 65
Lethbridge	97	3,397	135	1,640	73	2,827	575 50
Maple Creek	231	1,840	412	6,513	78	2,681	
*Medicine Hat							
Moosejaw	53	1,232	880	12,880	71	2,765	2,353 40
New Westminster							
Peace River	131	1,687	28	310			400 64
Prince Albert	367	4,271	307	3,271	90	2,494	1,522 85
Red Deer	72	3,179	367	11,888	3	170	1,235 08
Revelstoke							
Saskatoon	82	1,535	568	11,750	11	227	1,731 95
Swift Current	63	1,415	451	7,351	10	575	894 05
The Pas	15	283	2	75			44 30
Yorkton	71	1,248	239	2,581	74	2,890	1,007 15
†Weyburn							1,213 25
Winnipeg	775	11,299	707	10,004	95	1,597	3,094 60
Total	3,734	56,661	6,329	103,312	845	23,281	29,109 48
Previous year	3,834	62,689	6,676	108,227	625	17,953	22,897 19

*Included in statement Lethbridge Office.
†Office closed. Particulars cannot be obtained.

SCHOOL LANDS DIVISION, W. T. ROLLINS.

By the terms of an Order in Council dated the 8th of March, 1918, that portion of an Order in Council of the 25th January, 1913, making the School Lands Branch a separate branch of the Department of the Interior was rescinded, and the administration of School Lands was transferred to the Dominion Lands Branch for the purpose of consolidation, with a view to economy and in the interests of the public service.

A comparison of the business transacted by the School Lands Division for the present fiscal year with that of the previous year, as shown by the annual reports, shows a very substantial increase in the revenue derived for each of the three provinces; also an exceptionally large increase in the work performed.

Sales.—Sales of school lands were held at Beauséjour, Teulon, Swan River, and Birtle, in the province of Manitoba; at Windthorst, Nokomis, Young, Morse, Brownlee, Maple Creek, Gull Lake, Shaunavon, and Oxbow, in the province of Saskatchewan; and at Coronation, Castor, Drumheller, Hanna, and Three Hills, in the province of Alberta, during the months of October and November, 1917.

In the province of Manitoba, 16,037·83 acres were disposed of for $182,624.61, an average of $11.39 per acre.

In the province of Saskatchewan, 214,550·40 acres were disposed of for $4,151,374.29, an average of $19.35 per acre.

In the province of Alberta, 96,400·35 acres were disposed of for $1,860,090.15, an average of $19.30 per acre.

A number of lots in a subdivision of the townsite of Drumheller, Alta., were also disposed of for $39,935.

The total area disposed of in each province for the year, including areas sold to railway companies, and for school sites, was as follows:—

Province—	Area Sold.	Amount Realized.
Manitoba	16,072.97	$ 182,981 59
Saskatchewan	214,743.13	4,154,276 17
Alberta	96,859.73	1,906,281 89

After making the necessary adjustments on account of cancellations, etc., the approximate net area sold in each province to March 31, 1918, was as follows:—

Province—	Area Sold.	Amount Realized.	Average.
Manitoba	686,693.75	$ 6,673,374 00	$ 9 71
Saskatchewan	921,662.85	14,318,896 33	15 54
Alberta	795,349.81	10,353,891 55	13 02

Down to the same date the amount realized from sales of town lots was as follows: Manitoba, $5,388; Saskatchewan, $16,463; Alberta, $39,935.

Grazing.—During the fiscal year, 6,731 grazing permits were issued as follows: Manitoba, 132; Saskatchewan, 4,715; Alberta, 1,884. The total revenue derived from this source was $89,201.26.

Coal.—Leases issued during year, 15; leases in force, 120; total revenue produced for the three provinces, $39,222.60.

Petroleum and Gas.—Leases issued during year, 71; leases in force, 1,081; total revenue derived from this source for the three provinces, $7,925.86.

Hay.—During the year 6 leases and 6,630 permits were issued for the three provinces; total revenue derived from this source was $10,304.78.

Timber.—In the three provinces 193 permits were issued during the year, producing a revenue of $5,202.17.

Cultivation.—Permits issued in the three provinces, 47; revenue derived from this source, $1,217.05.

Statements herewith lettered A, B, and C, respectively, show the revenue collected from School Lands in the three provinces, as classified.

The total net revenues from each province during the fiscal year was as follows:—

Manitoba	$ 365,751 66
Saskatchewan	1,418,715 68
Alberta	1,042,359 36
Total	$2,826,826 70

As provided by the several Orders in Council in that behalf, the revenue collected from School Lands in each province during the fiscal year, less principal moneys of sales, and less, also, the expenditure, was paid over to the Government of each province. The amounts paid were as follows:—

Manitoba—	
Revenue other than principal moneys	$115,775 08
Less expenditure	14,690 48
Amount paid to province	$101,084 60

Saskatchewan—	
Revenue other than principal moneys	$343,352 78
Less expenditure	17,342 87
Amount paid to province	326,009 91
Alberta—	
Revenue other than principal moneys	$311,151 84
Less expenditure	16,898 03
Amount paid to province	$294,253 81

In addition to the foregoing the following amounts were paid to the Provincial Governments, as interest on School Lands' fund for fiscal year, viz:—

Manitoba	$ 3,415 35
Saskatchewan	16,735 61
Alberta	12,675 11
Total	$32,826 07

The total amount paid to each province for the fiscal year was as follows:—

Manitoba	$104,499 95
Saskatchewan	342,745 52
Alberta	306,928 92
Total	$754,174 39

The total expenditure for the fiscal year was as follows:—

Manitoba	$14,690 48
Saskatchewan	17,342 87
Alberta	16,898 03
Total	$48,931 38

Statements herewith lettered D, E, and F, respectively, show the balance standing to the credit of the School Lands' funds for each province on March 31, 1918, after deducting amounts invested in Dominion of Canada Debenture Stock as provided by Order in Council of the 7th June, 1917, viz:—

Manitoba—	
Total amount to credit of fund	$4,318,326 95
Amount invested in debenture stock	4,068,000 00
Balance to credit of fund	$250,326 95
Saskatchewan—	
Total amount to credit of fund	$4,966,706 11
Amount invested in debenture stock	3,891,000 00
Balance to credit of fund	$1,075,706 11
Alberta—	
Total amount to credit of fund	$3,830,429 53
Amount invested in debenture stock	3,099,000 00
Balance to credit of fund	$731,429 53

The following is an approximate statement of work performed by this Division of the Dominion Lands' Branch during the fiscal year, viz:—

Leases prepared	92
Grazing permits issued	6,547
Cultivation permits issued	47
Assignments registered	568
Requisitions for patents prepared	496
" refunds prepared	535

MANITOBA SCHOOL LANDS.

A.—Statement of revenue collected from school lands for fiscal year from April 1, 1917, to March 31, 1918, both dates inclusive.

	Sales.		Total.	Cultivation.	Timber.	Hay.	Grazing.	Coal.	Petroleum.	Miscellaneous.	Registration Fees.	Total.
	Principal.	Interest.										
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Total	249,983 64	109,389 10	359,372 74	209 30	2,375 15	1,875 28	2,648 53	5 00	.....	4 00	.....	366,490 00
Reg'n fees transf'd from Dom. Lands	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	226 50	226 50
Total	249,983 64	109,389 10	359,372 74	209 30	2,375 15	1,875 28	2,648 53	5 00	.....	4 00	226 50	366,716 50
Office fees transf'd to Dom. Lands	.....	.....	.....	.....	23 75	464 00	.....	.....	.....	.....	.....	487 75
Total	249,983 64	109,389 10	359,372 74	209 30	2,351 40	1,411 28	2,648 53	5 00	.....	4 00	226 50	366,228 75
Refunds	7 06	86 03	93 09	3 00	117 85	133 10	130 05	.....	.....	.....	.....	477 09
Total	249,976 58	109,303 07	359,279 65	206 30	2,233 55	1,278 18	2,518 48	5 00	.....	4 00	226 50	365,751 66

SASKATCHEWAN SCHOOL LANDS.

B.—Statement of revenue collected from school lands for fiscal year from April 1, 1917, to March 31, 1918, both dates inclusive.

—	Sales.		Total.	Cultivation.	Timber.	Hay.	Grazing.	Coal.	Petroleum.	Potash.	Registration Fee.	Total.
	Principal.	Interest.										
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Total	1,077,547 30	278,602 56	1,356,149 86	941 75	1,034 72	8,776 00	56,539 31	1,990 38	5 00	295 00	.....	1,425,732 02
Reg'n fees transferred from Dom. Lands	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	458 07	458 07
Total	1,077,547 30	278,602 56	1,356,149 86	941 75	1,034 72	8,776 00	56,539 31	1,990 38	5 00	295 00	458 07	1,426,190 09
Office fees transferred to Dom. Lands	.....	.....	.....	.....	9 75	2,062 00	.....	.....	.....	.....	.....	2,071 75
Total	1,077,547 30	278,602 56	1,356,149 86	941 75	1,024 97	6,714 00	56,539 31	1,990 38	5 00	295 00	458 07	1,424,118 34
Refunds	2,184 40	454 37	2,638 77	20 00	.....	214 60	2,510 13	19 16	.....	.....	.....	5,402 66
Total	1,075,362 90	278,148 19	1,353,511 09	921 75	1,024 97	6,499 40	54,029 18	1,971 22	5 00	295 00	458 07	1,418,715 68

C.—Statement of revenue collected from school lands for fiscal year from April 1, 1917, to March 31, 1918, both dates inclusive.

—	Sales.		Total.	Cultivation.	Timber.	Hay.	Grazing.	Coal.	Petroleum.	Quarrying.	Registration Fees.	Total.
	Principal.	Interest.										
	$ cts.	$ cst.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Total	731,665 47	228,661 30	960,326 77	89 00	1,981 90	3,466 80	34,445 96	37,271 38	8,509 00	20 00	7 25	1,046,118 06
Reg'n fees transferred from Dom. Lands	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	550 50	550 50
Total	731,665 47	228,661 30	960,326 77	89 00	1,981 90	3,466 80	34,445 96	37,271 38	8,509 00	20 00	557 75	1,046,668 56
Office fees transferred to Dom. Lands	.....	.....	.....	.....	14 75	784 50	.....	.....	.....	.....	.....	799 25
Total	731,665 47	228,661 30	960,326 77	89 00	1,967 15	2,682 30	34,445 96	37,271 38	8,509 00	20 00	557 75	1,045,869 31
Refunds	457 95	447 90	905 85	.....	23 50	155 10	1,792 36	25 00	588 14	20 00	.....	3,509 95
Total	731,207 52	228,213 40	959,420 92	89 00	1,943 65	2,527 20	32,653 60	37,246 38	7,920 86	.....	557 75	1,042,359 36

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MANITOBA SCHOOL LANDS.

D.—STATEMENT of revenue and expenditure on account of Manitoba school lands for fiscal year ended March 31, 1918.

Particulars.	Period.	Dr.	Cr.
		$ cts.	$ cts.
By balance on April 1, 1917			350 37
" Sales	12 months ended Mar. 31, 1918.		359,279 65
Cultivation permits, timber dues, grazing rentals, petroleum, and hay leases	" "		6,245 51
By Registration fees	" "		226 50
" Interest on Fund	" "		3,415 35
To Cost of management at Ottawa	" "	5,808 66	
" Salaries, printing, advertising, and general expenses	" "	8,881 82	
" Revenue and interest paid to Manitoba Government	" "	101,084 60	
" Interest on fund paid to Manitoba Government	" "	3,415 35	
" Balance, March 31, 1918	" "	250,326 95	
		369,517 38	369,517 38

NOTE.—Balance at credit of Manitoba School Lands Fund on April 1, 1917, was $4,068,350.37, of which $4,068,000 is invested in Dominion of Canada Debenture Stock maturing October 1, 1919, at 5 per cent per annum, as per Order in Council of June 7, 1917.

SASKATCHEWAN SCHOOL LANDS.

E.—STATEMENT of revenue and expenditure on account of Saskatchewan school lands for fiscal year ended March 31, 1918.

Particulars.	Period.	Dr.	Cr.
		$ cts.	$ cts.
By Balance on April 1, 1917			343 21
" Sales	12 months ended Mar. 31, 1918.		1,353,511 09
" Cultivation permits, timber dues, grazing rentals, petroleum and hay leases	" "		64,746 52
" Registration fees	" "		458 07
" Interest on fund	" "		16,735 61
To Cost of management at Ottawa	" "	5,808 66	
" Salaries, printing, advertising, and general expenses	" "	11,534 21	
" Revenue and interest paid to Saskatchewan Government	" "	326,009 91	
" Interest on fund paid to Saskatchewan Government	" "	16,735 61	
" Balance on March 31, 1918	" "	1,075,706 11	
		1,435,794 50	1,435,794 50

NOTE.—Balance at credit of Saskatchewan School Lands Fund on April 1, 1917, was $3,891,343.21, of which $3,891,000 is invested in Dominion of Canada Debenture Stock maturing October 1, 1919, at 5 per cent per annum, as per Order in Council of June 7, 1917.

ALBERTA SCHOOL LANDS.

F.—STATEMENT of revenue and expenditure on account of Alberta school lands for fiscal year ended March 31, 1918.

Particulars.	Period.	Dr.	Cr.
		$ cts.	$ cts.
By Balance on April 1, 1917			222 01
" Sales	12 months ended Mar. 31, 1918.		959,420 92
" Cultivation permits, grazing rentals, and petroleum	" "		82,380 69
" Registration fees	" "		557 75
" Interest on fund	" "		12,675 11
To Cost of management at Ottawa	" "	5,808 66	
" Salaries, printing and general expenses	" "	11,089 37	
" Revenue and interest paid to Alberta Government	" "	294,253 81	
" Interest on fund paid to Alberta Government	" "	12,675 11	
" Balance on March 31, 1918	" "	731,429 53	
		1,055,256 48	1,055,256 48

NOTE.—Balance at credit of Alberta School Lands Fund on April 1, 1917, was $3,099,222.01, of which $3,099,000 is invested in Dominion of Canada Debenture Stock maturing October 1, 1919, at 5 per cent per annum, as per Order in Council of June 7, 1917.

LAND PATENTS BRANCH.

Report of N. O. Coté, Controller of Land Patents Branch of the Department of the Interior for the fiscal year ended March 31, 1918, with statements in relation thereto, marked A to I, inclusive.

LETTERS PATENT.

The number of letters patent issued during the period mentioned was 23,227, covering an area of 3,721,632 acres, which may be classified as follows:—

Province.	Patents.	Acres.
Manitoba	1,371	214,996
Saskatchewan	12,765	2,053,639
Alberta	8,819	1,420,335
British Columbia	261	32,469
Yukon Territory	8	172
Northwest Territories	3	21
	23,227	3,721,632

These grants, which are given in detail in the statements marked A to G, inclusive, may be summarized as follows:—

Grants.	Patents.	Acres.
Homesteads	14,544	2,333,478
Sales	1,020	146,827
Pre-emption sales	6,138	976,395
Purchased homesteads	876	137,253
Railways	508	122,296
Special or free grants	67	4,255
Northwest half-breeds	5	797
Licenses of occupation	44	331
Quit claims	25	—
	23,227	3,721,632

There was an increase of 4,453 patents and 702,454 acres, as compared with the preceding year.

There are recorded in the Land Patents Branch 380,726 letters patent, aggregating 88,980,712 acres, which have been issued since May, 1873, to March 31, 1918.

LANDS DISPOSED OF.

Nine thousand two hundred and seventy-seven entries were granted during the year, aggregating an approximate area of 1,484,320 acres, made up as follows:—

			Acres.
Homestead Entries—			
Manitoba	1,593		
Saskatchewan	2,741		
Alberta	3,808		
British Columbia	177		
		8,319	1,331,040
Pre-emption Entries—			
Saskatchewan	547		
Alberta	220		
		767	122,720
Purchased homesteads—			
Saskatchewan	124		
Alberta	67		
		191	30,560
		9,277	1,484,320

There was a decrease in the number of homestead entries granted, as compared with the previous year, of 2,880 entries.

By land agencies, the 8,319 homestead entries were made up as follows:—

Manitoba—	
Dauphin	725
Winnipeg	868
	1,593
Saskatchewan—	
Battleford	363
Humboldt	279
Maple Creek	300
Moosejaw	421
Prince Albert	558
Saskatoon	225
Swift Current	320
Weyburn	137
Yorkton	138
	2,741
Alberta—	
Calgary	291
Edmonton	1,536
Grande Prairie	886
High Prairie	116
Lethbridge	92
Medicine Hat	270
Peace River	451
Red Deer	166
	3,808
British Columbia—	
Kamloops	127
New Westminster	32
Revelstoke	18
	177

The 8,319 entrants for homesteads represented 19,802 persons, as compiled from the information obtained from each entrant. Of these entries 2,663 were made by residents of the several provinces of the Dominion; 10 by Canadians who had returned from the United States; and 1,087 by persons who had obtained homestead entries, but which had either been cancelled by default or at the request of the entrants in order, in most cases, to enter for other lands; 1,315 were made by persons from the British Isles, 2,084 by Americans, 125 by naturalized Austro-Hungarians, 217 by Russians, 248 by Norwegians, 195 by Swedes, 10 by naturalized Germans, 54 by Frenchmen, 39 by Belgians, and the remaining 272 homestead entries were made by citizens of various other countries.

CANCELLED ENTRIES.

There were cancelled during the same period 7,584 entries, made up as follows:—

——	Manitoba.	Saskatchewan.	Alberta.	British Columbia.
Homesteads	1,128	2,193	2,813	180
Pre-emptions	.....	708	482	.....
Purchased homesteads	.....	46	12	.....
Sales	.....	19	3	.....
Total	1,128	2,966	3,310	180

SALES.

Four hundred and fourteen sales were made during the fiscal year for 18,221 acres of land, with an average for each sale of about 44·01 acres.

NEWLY SURVEYED LANDS THROWN OPEN TO HOMESTEAD ENTRY.

During the past fiscal year newly surveyed lands, comprised in thirty-seven townships, were made available for homestead entry in the following land agencies: Revelstoke, British Columbia, in five townships; Kamloops, British Columbia, in thirty-two townships.

ACCOUNTS AND REVENUE.

There are at present kept in the branch about 45,000 accounts in connection with purchased homesteads, pre-emptions, and ordinary sales.

During the fiscal year $2,970,260.76, including $306,886.82 interest on deferred payments, was received on account of purchased homesteads, pre-emptions, and ordinary sales, being an increase of $292,019.59 as compared with the payments received during the previous year.

REFUNDS.

There were 2,371 refunds made amounting to $87,176·45, as follows:—

On account of improvements on cancelled homesteads, 1,058 refunds	$61,080 60	
Overpayments on sales, and moneys paid on cancelled purchased homestead entries and cancelled pre-emption sales, 1,313 refunds	26,095 85	
		$87,176 45

SESSIONAL PAPER No. 25

A. —STATEMENT OF LETTERS PATENT covering Dominion Lands situate in Manitoba, Saskatchewan, Alberta, Northwest Territories, British Columbia, and the Yukon Territory issued from the Department of the Interior during the fiscal year ending March 31, 1918, as compared with the fiscal year ending March 31, 1917, and recorded in the Land Patents Branch.

No.	Nature of Grant.	From April 1, 1917 to March 31, 1918.		From April 1, 1916, to March 31, 1917.	
		Patents.	Acres.	Patents.	Acres.
1	Alberta Railway and Irrigation Co's sales	25	13,276	34	34,065
2	British Columbia Homesteads	121	15,255	144	17,687
3	British Columbia sales	31	612	29	594
4	Coal lands sales	.....	.....	6	1,108
5	Coal surface sales	2	6	.....	.....
6	Commutation grants	.....	.....	1	50
7	Greater Winnipeg Water District	.....	.....	15	2,148
8	Homesteads	14,318	2,301,330	12,672	2,067,086
9	Homesteads, Peace River Block	104	16,571	83	13,209
10	Hudson's Bay Co	.....	.....	34	16,997
11	License of occupation	44	331	35	140
12	Manitoba University grants	.....	.....	1	165
13	Military bounty grants	1	159	.....	.....
14	Military homesteads	1	322	1	243
15	Mining lands sales	9	455	3	114
16	Mineral rights (974 acres)	4	.....	5	.....
17	Northwest half-breed grants	5	797	6	965
18	Parish sales	3	1,163	4	392
19	Pre-emption sales	6,138	976,395	3,567	567,028
20	Purchased homesteads	876	137,253	748	117,660
21	Quit claim, special grants (2,914 acres)	25	.....	30	.....
	RAILWAYS:—				
22	Alberta and Great Waterways Railway Co	30	418	2	13
23	Calgary and Edmonton Railway Co	122	46,915	84	26,989
24	Canadian Northern Alberta Railway Co	1	6	2	15
25	Canadian Northern Railway Co	46	37,262	61	10,413
26	Canadian Northwestern Railway Co	1	2	5	81
27	Canadian Pacific Railway grants	26	222	35	289
28	Canadian Pacific Railway roadbed and station grounds	21	70	11	88
29	Central Canada Railway Co	14	191	.....	.....
30	Edmonton, Dunvegan and British Columbia Railway Co	74	1,285	16	237
31	Grand Trunk Pacific Railway	11	222	13	194
32	Grand Trunk Pacific Branch Lines Co	9	74	16	116
33	Kootenay Central Railway Co	1	1	1	9
34	Manitoba and Southeastern Railway Co	.....	.....	6	910
35	Manitoba and Northwestern Railway Co	5	11	.....	.....
36	Qu'Appelle, Long Lake and Saskatchewan Railroad and Steamboat Co	147	35,617	191	40,160
37	Winnipeg River Railway Co	.....	.....	2	55
38	Sales	376	34,299	352	29,427
39	School lands sales	562	96,844	440	62,567
40	Special grants	66	4,096	88	6,824
41	Vancouver Power Co., right of way	.....	.....	1	10
42	Yukon Territory homesteads	.....	.....	1	160
43	Yukon Territory sales (174 acres)	8	172	29	970
	Totals	23,227	3,721,632	18,774	3,019,178

B.—Statement of Letters Patent covering Dominion Lands situate in the province of Manitoba, issued from the Department of the Interior during the fiscal year ending March 31, 1918, as compared with the fiscal year ending March 31, 1917, and recorded in the Land Patents Branch.

No.	Nature of Grant.	From April 1, 1917, to March 31, 1918.		From April 1, 1916, to March 31, 1917.	
		Patents.	Acres.	Patents.	Acres.
1	Commutation grants	.....	.....	1	50
2	Greater Winnipeg Water District	.....	.....	15	2,148
3	Homesteads	1,138	183,243	919	145,135
4	Hudson's Bay Co	.....	.....	19	10,506
5	Manitoba University grants	.....	.....	1	165
6	Mining lands sales	8	301	2	95
7	Parish sales	2	377	4	392
8	Pre-emption sales	2	279	1	143
9	Quit claim, special grants (160 acres)	1	.....	1	.....
	Railways—				
10	Canadian Northern Railway Co	4	61	23	381
11	Canadian Pacific Railway grants	1	7	.....	.....
12	Canadian Pacific Railway road-bed and station grounds	17	28	2	7
13	Grand Trunk Pacific Railway	1	1	.....	.....
14	Manitoba and Northwestern Railway Co	2	3	.....	.....
15	Winnipeg River Railway Co	.....	.....	2	55
16	Sales	41	2,198	37	1,980
17	School lands sales	147	28,436	183	30,881
18	Special grants	7	62	15	730
	Totals	1,371	214,996	1,225	192,668

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C.—STATEMENT OF LETTERS PATENT covering Dominion Lands situate in the province of Saskatchewan, issued from the Department of the Interior during the fiscal year ending March 31, 1918, as compared with the fiscal year ending March 31, 1917, and recorded in the Land Patents Branch.

No.	Nature of Grant.	From April 1, 1917, to March 31, 1918.		From April 1, 1916, to March 31, 1917.	
		Patents.	Acres.	Patents.	Acres.
1	Homesteads	7,794	1,251,722	6,789	1,109,426
2	Hudson's Bay Co	.....	.....	7	3,044
3	License of occupation	20	92	19	85
4	Military homesteads	1	322	.....	.....
5	Northwest half-breed grants	2	319	3	563
6	Pre-emption sales	3,722	591,615	2,259	359,108
7	Purchased homesteads	593	92,765	499	78,003
8	Quit claim, special grants (2,971 acres)	21	.....	24	.....
	Railways—				
9	Calgary and Edmonton Railway Co	1	159	2	321
10	Canadian Northern Railway Co	42	37,201	38	10,032
11	Canadian Pacific Railway grants	25	215	19	138
12	Canadian Pacific Railway road-bed and station grounds	3	33	.....	.....
13	Grand Trunk Pacific Railway	6	19	5	65
14	Grand Trunk Pacific Branch Lines Co	1	6	15	108
15	Manitoba and Northwestern Railway Co	3	8	.....	.....
16	Manitoba and Southeastern Railway Co	.....	.....	6	910
17	Qu'Appelle Long Lake and Saskatchewan Railroad and Steamboat Co	147	35,617	191	40,160
18	Sales	166	14,619	169	16,273
19	School lands sales	190	26,721	148	16,004
20	Special grants	28	2,206	37	2,311
	Totals	12,765	2,053,639	10,230	1,636,551

D.—Statement of Letters Patent covering Dominion Lands situate in the province of Alberta, issued from the Department of the Interior during the fiscal year ending March 31, 1918, as compared with the fiscal year ending March 31, 1917, and recorded in the Land Patents Branch.

No.	Nature of Grant.	From April 1, 1917, to March 31, 1918.		From April 1, 1916, to March 31, 1917.	
		Patents.	Acres.	Patents.	Acres.
1	Alberta Railway and Irrigation Co.'s sales	25	13,276	34	34,065
2	Coal lands sales	.....	.....	6	1,108
3	Coal surface sales	2	6	.....	.....
4	Homesteads	5,386	866,365	4,964	812,525
5	Hudson's Bay Co	.....	.....	7	3,418
6	License of occupation	24	239	16	55
7	Military bounty grants	1	159	.....	.....
8	Military homesteads	.....	.....	1	243
9	Mining lands sales	1	154	1	19
10	Mineral rights (975 acres)	4	.....	5	.....
11	Northwest half-breed grants	3	478	3	402
12	Parish sales	1	786	.....	.....
13	Pre-emption sales	2,414	384,501	1,307	207,777
14	Purchased homesteads	282	44,477	249	39,657
15	Quit claim, special grants (199 acres)	3	.....	5	.....
	Railways—				
16	Alberta and Great Waterways Railway Co	30	418	2	13
17	Calgary and Edmonton Railway Co	121	46,756	82	26,668
18	Canadian Northern Alberta Railway Co	1	6	2	15
19	Canadian Northwestern Railway Co	1	2	5	81
20	Central Canada Railway Co	14	191	.....	.....
21	Canadian Pacific Railway grants	.....	.....	16	151
22	Edmonton Dunvegan and British Columbia Railway Co	74	1,285	16	237
23	Grand Trunk Pacific Railway Co	4	202	8	129
24	Grand Trunk Pacific Branch Lines Co	8	68	1	8
25	Sales	167	17,466	143	11,055
26	School lands sales	225	41,687	109	15,682
27	Special grants	28	1,813	33	3,687
	Totals	8,819	1,420,335	7,015	1,156,995

E.—Statement of Letters Patent covering Dominion Lands situate in the province of British Columbia, issued from the Department of the Interior during the fiscal year ending March 31, 1918, as compared with the fiscal year ending March 31, 1917, and recorded in the Land Patents Branch.

No.	Nature of Grant.	From April 1, 1917, to March 31, 1918.		From April 1, 1916, to March 31, 1917.	
		Patents.	Acres.	Patents.	Acres.
1	British Columbia homesteads	121	15,255	144	17,687
2	British Columbia sales	31	612	29	594
3	Homesteads, Peace River Block	104	16,571	83	13,209
4	Purchased homesteads	1	11	.....	.....
4	Railways—				
5	Canadian Pacific Railway road-bed and station grounds	1	9	9	81
6	Kootenay Central Railway Co	1	1	1	9
7	Special grants	2	10	3	96
8	Vancouver Power Co., right of way	.....	.....	1	10
	Totals	261	32,469	270	31,686

F.—Statement of Letters Patent covering Dominion Lands situate in the Yukon Territory, issued from the Department of the Interior during the fiscal year ending March 31, 1918, as compared with the fiscal year ending March 31, 1917, and recorded in the Land Patents Branch.

No.	Nature of Grant.	From April 1, 1917, to March 31, 1918.		From April 1, 1916, to March 31, 1917.	
		Patents.	Acres.	Patents.	Acres.
1	Yukon Territory homesteads	.....	.....	1	160
2	Yukon Territory sales (174 acres), under rights	8	172	29	970
	Totals	8	172	30	1,130

G.—Statement of Letters Patent covering Dominion Lands situate in the North-west Territories, issued from the Department of the Interior during the fiscal year ending March 31, 1918, as compared with the fiscal year ending March 31, 1917.

No.	Nature of Grant.	From April 1, 1917, to March 31, 1918.		From April 1, 1916, to March 31, 1917.	
		Patents.	Acres.	Patents.	Acres.
1	Hudson's Bay Co	.....	.....	1	29
2	Sales	2	16	3	119
3	Special grants	1	5	.....	.....
	Totals	3	21	4	148

H.—STATEMENT showing the number of homestead entries made during the fiscal year ending March 31, 1918, the nationality of the homesteaders and the provinces in which the entries were made.

Nationalities.	Provinces.				Total.
	Manitoba.	Saskatchewan.	Alberta.	British Columbia.	
Canadians from Ontario	225	433	502	19	1,179
" " Quebec	64	183	174	4	425
" " Nova Scotia	47	30	57	4	138
" " New Brunswick	9	21	55	2	87
" " Prince Edward Island	3	13	31	2	49
" " Manitoba	264	103	32	4	403
" " Saskatchewan	12	127	36	2	177
" " Alberta	3	16	137	2	158
" " British Columbia	.....	7	24	16	47
Persons who had previous entry	218	321	531	17	1,087
Newfoundlanders	.....	4	3	1	8
Canadians returned from the United States	.....	5	5	.....	10
Americans	134	694	1,222	34	2,084
English	239	269	346	34	888
Scotch	88	79	113	5	285
Irish	27	39	64	12	142
French	18	23	13	.....	54
Belgians	9	14	16	.....	39
Swiss	8	8	7	1	24
Italians	1	6	16	2	25
Roumanians	.....	14	5	.....	19
Syrians	.....	2	.....	.....	2
Germans	4	3	3	.....	10
Austro-Hungarians	58	30	33	4	125
Hollanders	2	15	24	1	42
Danes (other than Icelanders)	5	8	33	.....	46
Icelanders	33	3	2	.....	38
Swedes	43	64	81	7	195
Norwegians	19	84	142	3	248
Russians (other than Finns)	35	105	77	.....	217
Finns	24	6	8	.....	38
Servians	.....	1	1	.....	2
Bulgarians	.....	1	3	.....	4
Chinese	.....	.....	1	.....	1
Japanese	.....	2	.....	.....	2
Persians	.....	2	.....	.....	2
Australians	.....	2	3	1	6
New Zealanders	.....	.....	2	.....	2
Hindoos	.....	.....	.....	.....	.....
Hebrews	1	.....	1	.....	2
Algerians	1	.....	.....	.....	1
Luxemburger	.....	1	.....	.....	1
Spaniard	.....	1	.....	.....	1
Poles	.....	.....	2	.....	2
South African	.....	.....	1	.....	1
West Indies	.....	.....	1	.....	1
Mexicans	.....	.....	2	.....	2
Total	1,594	2,737	3,811	177	8,319

Number of souls represented by above entries, 19,802.

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I.—STATEMENT showing the number of homestead entries made in the provinces of Manitoba, Saskatchewan, Alberta and British Columbia during the fiscal year ending March 31, 1918, by persons coming from the United States of America.

States.	Provinces.				Total.
	Manitoba.	Saskatchewan.	Alberta.	British Columbia.	
Alabama			1		1
Alaska			1		1
Arizona					
Arkansas	2	1	5		8
California		1	15	3	19
Carolina, North	1	3	10	1	15
Carolina, South			2		2
Colorado			8		8
Columbia, District of					
Connecticut		2	3		5
Dakota, North	19	111	102	2	234
Dakota, South	3	33	31		67
Delaware					
Florida		1	1		2
Georgia		1	5		6
Idaho		1	30	3	34
Illinois	18	48	80	1	147
Indiana	1	11	37	1	50
Indian Territory					
Iowa	10	64	89	2	165
Kansas	2	14	48		64
Kentucky	1	3	15	1	20
Louisiana					
Maine	3	9	10		22
Maryland			2		2
Massachusetts	3	12	12	2	29
Michigan	10	44	83	3	140
Minnesota	30	164	177	2	373
Mississippi	1	1	4		6
Missouri	1	16	51		68
Montana	2	16	24		42
Nebraska	1	15	36	1	53
Nevada		2	1		3
New Hampshire		3	2		5
New Jersey	1		3		4
New Mexico			3		3
New York	4	12	40	2	58
Ohio	4	16	39	1	60
Oklahoma	1	6	21		28
Oregon		3	23	2	28
Pennsylvania	2	12	36	3	53
Rhode Island		4			4
Tennessee	1	8	8	1	18
Texas	1	4	14		19
Utah		2	5		7
Vermont		1	5		6
Virginia	4	4	1		9
Virginia, West		2	7		9
Washington		7	58		65
Wisconsin	7	41	71	4	123
Wyoming	1	1	5		7
Total	134	699	1,224	35	2,092

REPORT OF THE ACTING SUPERINTENDING ACCOUNTANT, G. D. POPE.

STATEMENTS of revenue collected from various sources during the fiscal year ended March 31, 1918, as follows:—

A.—Dominion Lands, including Yukon	$ 4,557,438 61
B.—Ordnance Lands	7,929 75
C.—School Lands	2,836,216 40
D.—Registration Fees, Yukon	562 25
E.—Fines and Forfeitures	553 00
F.—Casual Revenue	9,074 15
G.—Seed Grain and Relief Repayments	2,613,708 67
H.—Fines under Immigration Act	3,133 00
I.—Chinese Immigration Revenue	336,757 00
J.—Sales of Land, Special account	626,203 49
	$10,991,576 32

A statement of revenue on account of Dominion Lands (marked K) shows the receipts, classified under subheads.

Statement (marked L) shows a comparison between the receipts on account of revenue of the previous twelve months.

DOMINION LANDS REVENUE (cash and scrip) for the fiscal year ended March 31, 1918.

Agencies.	Cash.	Scrip.	Total.
Yukon Territory—	$ cts.	$ cts.	$ cts.
Sales of land	1,062 12		1,062 12
Rentals of land	6,872 15		6,872 15
Map sales, office fees, etc	60 50		60 50
Timber dues	12,238 31		12,238 31
Hay permits	28 20		28 20
Mining fees	45,644 50		45,644 50
Export tax on gold	81,650 55		81,650 55
Free certificates for export of gold	35 00		35 00
Hydraulic leases	2,273 23		2,273 23
Dredging leases	701 76		701 76
Coal royalty and fees	40 00		40 00
Homestead fees	50 00		50 00
Interim receipt account	153 00		153 00
	150,809 32		150,809 32
Dominion Lands Agencies—			
Battleford	111,475 50		111,475 50
Calgary	595,419 31		595,419 31
Dauphin	11,929 94		11,929 94
Edmonton	54,021 91		54,021 91
Grande Prairie	17,296 07		17,296 07
High Prairie	2,173 90		2,173 20
Humboldt	8,599 74		8,599 94
Kamloops	7,927 20		7,927 20
Lethbridge	190,043 17		190,043 17
Maple Creek	490,297 87		490,297 87
Medicine Hat	260,238 33		260,238 33
Moosejaw	568,225 48	43 12	568,268 60
New Westminster	4,070 01		4,070 01
Peace River	9,118 02		9,118 02
Prince Albert	15,283 46	88 35	15,371 81
Red Deer	73,500 02		73,500 02
The Pas	509 40		509 40
Revelstoke	1,408 21		1,408 21
Saskatoon	269,914 77		269,914 77
Swift Current	414,761 47		414,761 47
Weyburn	81,869 35		81,869 35
Winnipeg	26,656 14		26,656 14
Yorkton	4,320 29		4,320 29
	3,219,059 56	131 47	3,219,191 03

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DOMINION LANDS REVENUE (cash and script for the fiscal year ended March 31, 1918 —*Concluded.*

Agencies.	Cash.	Scrip.	Total.
Crown Timber Agencies—	$ cts.	$ cts.	$ cts.
Battleford	924 93		924 93
Calgary	32,446 02		32,446 02
Dauphin	18,910 96		18,910 96
Edmonton	127,857 44		127,857 44
Grande Prairie	877 51		877 51
High Prairie	341 23		341 23
Humboldt	237 88		237 88
Kamloops	13,871 34		13,871 34
Lethbridge	690 84		690 84
Maple Creek	297 30		297 30
Medicine Hat	248 60		248 60
Moose Jaw	459,70		459 70
New Westminster	75,707 67		75,707 67
Peace River	961 46		961 46
The Pas	1,328 30		1,328 30
Prince Albert	102,650 95		102,650 95
Red Deer	1,356 45		1,356 45
Revelstoke	26,707 13		26,707 13
Saskatoon	118 00		118 00
Swift Current	5 25		5 25
Winnipeg	62,566 70		62,566 70
Yorkton	1,202 28		1,202 28
	469,767 94		469,767 94
Miscellaneous—			
Rocky Mountain Park	43,632 08		43,632 08
Jasper Park	5,292 83		5,292 83
Yoho Park	502 40		502 40
Waterton Lakes Park	1,307 65		1,307 65
Elk Island Park	1 00		1 00
Buffalo Park	142 46		142 46
Glacier Park	331 90		331 90
Fort Anne Park	45 00		45 00
Antelope Park	905 20		905 20
Survey fees	7,915 99		7,915 99
Irrigation fees	458 75		458 75
Map sales, Office fees, etc.	9,261 44		9,261 44
Fees, Board of Examiners, D.L.S.	250 00		250 00
Mining fees	14,034 81		14,034 81
Grazing lands	125,300 69	240 00	125,540 69
Grazing lands (Improvements)	1,172 60		1,172 60
Hay permits	10,833 42		10,833 42
Coal lands	334,849 57		334,849 57
Dredging leases	2,241 69		2,241 69
Stone quarries	7,117 30		1,117 30
Rent of water power	1,210 00		1,210 00
Suspense account	3,598 95		3,598 95
Petroleum	124,179 69		124,179 69
Sand, stone and gravel	1,094 98		1,094 98
Forestry Branch—Sale of trees, etc	3,907 50		3,907 50
Fishing permits	67 00		67 00
Improvements	11 00		11 00
General sales	1,298 19		1,298 19
Rentals	941 31		941 31
Miscellaneous	4,240 85		4,240 85
Irrigation sales	11,595 54		1',595 54
Potash leases	60 00		60 00
	717,801 79	240 00	718,041 79
Total revenue	4,557,438 61	371 47	4,557,810 08
Less refunds	113,680 44		113,680 44
	4,443,758 17	371 47	4,444,129 64

Ordnance lands revenue for the fiscal year ended March 31, 1918, was $7,929.75.

STATEMENT of receipts on account of school lands for the fiscal year ended March 31, 1918.

Manitoba school lands	$ 366,228 75
Saskatchewan school lands	1,424,118 34
Alberta school lands	1,045,869 31
Total	$2,836,216 40

Registration fees in the Yukon Territory for the fiscal year ended March 31, 1918, amounted to $562.25.

Fines and forfeitures for the fiscal year ended March 31, 1918, amounted to $553.

Casual revenue for the fiscal year ended March 31, 1918, amounted to $9,033.80.

STATEMENT showing the net repayments on account of seed-grain and relief mortgages for the fiscal year ended March 31, 1918.

Year.	Gross Collections.	Refunds.	Net Receipts.
	$ cts.	$ cts.	$ cts.
1876	301 61		301 61
1886-7-8	456 16		456 16
1890	74 70		74 70
1894	525 42	203 48	321 94
1895	365 23	36 79	328 44
1896	393 25	14 20	379 05
1900	201 41		201 41
1905	343 66		343 66
1908	12,826 29	523 95	12,302 34
1909	869 26		869 26
1911	17,812 09	20 29	17,791 80
1912	21,250 26	47 62	21,202 64
1913	2,168 64	115 55	2,053 09
1914	8,710 57	5 48	8,705 09
1915, seed grain	1,460,878 98	8,967 76	1,451,911 22
1915, relief	1,034,821 73	36,442 94	998,378 79
1917	19,002 94		19,002 94
Relief advances	32,706 47	9 85	32,696 62
Total	2,613,708 67	46,387 91	2,567,320 76

Fines under Immigration Act for the fiscal year ended March 31, 1918, amounted to $3,133, less refunds of $120, leaving a balance of $3,013.

STATEMENT of Chinese immigration revenue collected by ports during the fiscal year 1917-18.

Port.	Number of Chinese Exempts.	Paying Head Tax.		Registration for leave.		Other Revenue.	Total Revenue.
		Number of Chinese.	Amount.	Number.	Amount.		
			$ cts.		$ cts.	$ cts.	$ cts.
Victoria	61	30	15,000 00	1,023	1,023 00	50 00	16,073 00
Vancouver	57	83	41,500 00	1,882	1,882 00	500 00	43,882 00
Montreal	1	248	124,000 00	1	1 00		124,001 00
Ottawa		266	133,000 00			8,300 00	141,300 00
Halifax		2	1,000 00	1	1 00		1,001 00
St. John		6	3,000 00				3,000 00
No. Sydney		15	7,500 00				7,500 00
All ports	119	650	325,000 00	2,907	2,907 00	8,850 00	336,757 00

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DOMINION LANDS REVENUE (cash and script for the fiscal year ended March 31, 1918. credited to the Special Accounts of the following Railway Companies for the Fiscal Year ended March 31, 1918.

Railway Company.	Date of Order in Council.	Amount.	Total.
		$ cts.	
Calgary and Edmonton Railway	August 17, 1908	274,837 38	
Qu'Appelle, Long Lake and Saskatchewan Railway	May 8, 1907, July 10, 1907	165,969 16	
Lake Manitoba Railway and Canal Company, Canadian Northern Railway System	December 5, 1908	185,396 95	
	Total		$ 626,203 49

STATEMENT of Gross Cash Receipts on account of Dominion Lands Revenue for the Fiscal Year ended March 31, 1918.

Homestead fees	$ 83,180 00
Pre-emption and purchased homestead fees	9,910 00
Improvements	89,371 59
General sales of land	3,046,091 55
Timber dues	482,006 25
Rental from grazing lands	125,300 69
Export tax on gold, hay, coal, petroleum, mining fees, etc	630,427 95
Canadian national parks	52,160 52
Survey fees	7,915 99
Map sales, rentals, office fees and miscellaneous	31,074 07
Total	$4,557,438 61

STATEMENT of Gross Receipts (Cash and Scrip) on account of Dominion Lands Revenue for the Fiscal Year ended March 31, 1918, compared with the previous Fiscal Year.

Particulars.	1917–1918.	1916–1917.	Increase.	Decrease.	Net Increase
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Dominion Lands Agencies	3,219,191 03	2,934,509 85	284,681 18		
Crown Timber Agencies	469,767 94	414,842 61	54,925 33		
Hay, Mining, Coal, Grazing, etc	665,881 27	620,468 33	45,412 94		
Yukon Territory	150,809 32	174,565 92		23,756 60	
Canadian National Parks	52,160 52	45,851 45	6,309 07		
Totals	4,557,810 08	4,190,238 10	391,328 52	23,756 60	367,571 98

REPORT OF THE ORDNANCE AND ADMIRALTY LANDS BRANCH, J. P. DUNNE, SUPERINTENDENT.

During the fiscal year ending March 31, 1918, there were no public sales of Ordnance Lands held, but with respect to the land, formerly sold or occupied under lease, with option to purchase, twenty-eight parcels or lots situated in the several localities hereunder mentioned have been fully paid and letters patent issued therefor.

1.—Grand Falls, N.B.

One farm lot and one town lot located within the boundaries of this reserve which were disposed of at sales by public auction held in September, 1902, and May, 1908, for the sum of $226.75, have been paid in full and letters patent issued; the balance of the purchase money received within the last fiscal year was $136.07.

2.—Ottawa.

Ordnance lands in this locality are occupied by tenants under leases originally granted by the Imperial authorities in which it is provided that the lessees may, upon payment in cash of the purchase price in full for the land occupied, convert their leasehold into freehold and obtain the Crown patent of these parcels or lots; one half lot was redeemed in full and letters patent issued; the total consideration money received for the said parcel was $120.

3.—Port Maitland.

This reserve is situated on the westerly side of the Grand river at its confluence with lake Erie in the township of Dunn, county of Haldimand and contains an area of about seventy-five acres; it was surveyed and subdivided into thirty-nine parcels or lots in 1916 by order of the department. Nearly the whole of this reserve has been occupied by squatters for many years, to whom the privilege was granted to purchase their holdings, at a valuation, or lease the same for a period of years at a reasonable annual rental with the option of paying the purchase price of the land in full, at any time, and obtaining letters patent therefor. During the past fiscal year twenty-five of these squatters paid the purchase price in full for their holdings, amounting to $3,957.86, and received letters patent therefor. Eight leases covering portions of the said reserve have been likewise issued.

Moneys received during the fiscal year ending March 31, 1918, on account of ordnance lands, $7,929.75.

Statement showing the receipts of the year classified as fees, rent, or interest equivalent to rent, and principal:—

Fees	$ 16 00
Interest	3,430 24
Principal	4,483 51
Total	$7,929 75

Statement showing amounts due and paid on account of purchase money and rent or interest for the fiscal year ending March 31, 1918:—

Rent or interest	$2,794 89
Principal	999 53
Total	$3,794 42

PART II

DOMINION PARKS

REPORT OF THE COMMISSIONER OF DOMINION PARKS.

J. B. HARKIN.

During the fiscal year 1917-18 the work of the Dominion Parks Branch was extended to cover responsibility in connection with the Northwest Game Act and the Migratory Birds Convention Act.

In connection with the first act which deals with wild life matters in the Northwest Territories it was found that changed conditions required a complete revision of the act. A new act was drafted and was passed in August, 1917. The outstanding features of the new act are the provisions by which both the trapping and fur-trading are put under the license system. Through these provisions it is expected that the great fur resources of the North can be adequately conserved without any interference with reasonable commercial exploitation. Evidence had accumulated that alien interests, without any concern in the future, contemplated introducing large numbers of hunters into the north country with a view to a clean-up, utterly regardless of the effect upon the future, either as regards the wild life or the native population, which is almost entirely dependent upon the wild life for its food supply. The new act provides means of effectually handling such conditions.

The new act also provides special protective measures for musk-ox. Investigation showed that only such measures could prevent the extermination of this characteristic animal of the North.

BARREN-LAND CARIBOU.

Apropos of the Northwest Game Act it may be a matter of interest that the parks branch made very extensive investigation as to the possibility of utilizing the vast herds of barren land caribou to supplement the meat supply of the Dominion. It is estimated that there are at least 20,000,000 to 30,000,000 caribou in the North. As a food, caribou meat is of first-class quality. The hide when tanned is equal to the best chamois. It is only a question of time when these vast herds will constitute a valuable asset for the Dominion. The only difficulty in the way of the utilization of these animals to-day is one of transportation. After full investigation it was felt that while, undoubtedly, caribou meat could be brought out now at fairly reasonable prices, the meat situation in the Dominion was scarcely such as called for immediate action. The caribou to-day constitute a great meat reserve for the country which can be made available if food conditions should continue to grow worse.

Throughout the preparation of the act and regulations thereunder the department received gratifying co-operation on the part of the Hudson Bay Company, the Northern Trading Company and other interests concerned in the fur trade.

The administration of the new act is being carried on under the direction of the parks service. The actual administration on the ground is being carried on by the Royal Northwest Mounted Police.

MIGRATORY BIRDS CONVENTION ACT.

The Migratory Birds Convention Act was passed to give effect to the Canadian-American treaty providing for the protection of migratory birds. The treaty was entered into because it was recognized that the bird life of North America could be

effectively conserved only by joint action of the United States, where the birds spend the winter, and by Canada, where the birds breed and spend the summer. The act was passed during the session of 1917 and the regulations thereunder were subsequently drafted and enacted.

Before the treaty was made all the provinces were consulted and all agreed to its principles. The supervision of the administration of the act rests upon the Department of the Interior. It is expected, however, that the actual administration on the ground will be carried on by the provincial authorities. The understanding is that the provinces will amend their legislation whenever necessary to make it conform with the terms of the treaty and that therefore when administering their own laws the provincial authorities will be administering the Federal Act.

So far as the Dominion is concerned it is felt that its most important duty at the outset, at all events, will be to carry on a campaign of education throughout the Dominion in order that the public may be made to realize the necessity of every one interesting himself in the subject of adequate protection of bird life.

THE PARKS AND THE WAR.

The parks service has been carried on with an appropriation equivalent to 45 per cent of the appropriation available before the war began. Necessarily, this has resulted in very little more than ordinary maintenance being carried on.

The war has also caused a diminution of tourist traffic from other countries. However, so far as Canadian tourist traffic is concerned, there has been a very substantial increase. This increase was very gratifying when it is considered that, primarily, national parks are maintained in order that the people of Canada may obtain in a maximum degree that recreation and relaxation in the out-of-doors which are essential to the well-being of the individual. The remarkable influx of people from the Prairie Provinces indicated that when our own people have brought home to them the opportunities their own parks offer they are quick to take advantage of them. In the spring of 1917 the department sent a lecturer to the West, who gave illustrated talks on the parks at Brandon and Regina and in almost every picture house in Alberta. The effect of his addresses was: "These are your own parks. They are right at your front door. Come and enjoy them." The result was that though foreign tourist traffic was much below the average, towns like Banff in Rocky Mountains park never before had such a prosperous year. The most satisfying feature of this is the feeling that thousands of our own people obtained the benefits parks have to offer in the form of renewed vigour and efficiency, mental and physical.

A large number of the visitors came to the parks in their own automobiles and camped out during their visit.

The number of automobiles which registered at the Kananaskis gate, Rocky Mountains park, were:—

1916	786
1917	2,000

This remarkable increase emphasizes the fact that the automobile is destined to be a dominant factor in parks tourist traffic. And it, therefore, also emphasizes the necessity of attention being concentrated on road development in parks.

THE BANFF-WINDERMERE HIGHWAY.

During the year negotiations were carried on with the province of British Columbia in regard to the completion of the Banff-Windermere highway. This road, when completed, will provide one of the most remarkable motor routes in the world. A motorist will be able to make a 500-mile round trip, during every mile of which he will either be in the mountains or within sight of them. The route proceeding

from Calgary via Banff crosses the main Rockies by Vermilion pass, proceeds down the Vermilion valley to the Kootenay valley; then via Sinclair pass to the Columbia valley. From there it proceeds along the Columbia to the Crowsnest Pass district by which it enters the prairies, proceeding thence to Calgary. Only about 50 miles of new construction remains to open up this wonderful route. The unfinished work is in British Columbia. That province is not in a position to proceed with the work and has made proposals looking towards the Dominion undertaking this work. The direction the proposals have taken is that in return for completing this road the province should grant to the Dominion a 10-mile strip along the highway in British Columbia for parks' purposes, and that an amicable adjustment should be made in regard to the various matters of jurisdiction within Dominion Parks, concerning which there has been conflict as between the province and the Dominion. The subject has been gone into very completely and there appears to be no reason to anticipate anything but an adjustment satisfactory to both the province and the Dominion.

EDMONTON-VANCOUVER HIGHWAY.

Just as the Banff-Windermere Highway project is capable of completion by the linking up of constructed roads at comparatively little cost there is another automobile highway project which can be developed with very little new construction. This is a highway connecting Edmonton with Vancouver. The consolidation of the Canadian Northern and Grand Trunk Pacific railways from the vicinity of Edson, Alberta, to Moose lake, British Columbia, and the consequent abandonment of a first-class road grade between these points has made the project of a motor-road between Edmonton and Vancouver a practicable proposition. Edmonton is already connected with Edson by highway. From that point the abandoned railway roadbed will carry the highway across the main Rockies into British Columbia. The balance of the route to Vancouver is merely a matter of linking up existing roads. Last autumn Mr. Alfred Driscoll, C.E., an engineer in the parks service made a reconnaissance survey of this route. In his report he says:—

> "The distance between Thompson river and Trout creek is 36 miles and this is the only stretch between Edmonton and Vancouver where an entirely new road is to be built, a remarkable fact, when the distance, some 800 miles, and the nature of the country between these two places is taken into consideration."

Mr. Driscoll's estimate of the cost of this highway is $1,000,000, a remarkably small sum when the results are considered. When it is realized that the twentieth century is to be the century of automobiles as the nineteenth century was the century of railways, and when the huge automobile traffic which originates along the American-Pacific coast is borne in mind, one cannot fail to be impressed with the view that a highway of this kind across the entire Rocky Mountain system will attract touring autoists in tens of thousands and thus provide huge returns upon the actual cost. The abandonment of the railway roadbeds has given Canada an extraordinary opportunity to construct a transmontane motor road. At the request of the Department of the Interior the Department of Railways is leaving the bridges, culverts, etc., on the abandoned roadbed intact. The advantages and the potentialities of this highway are bound to command attention in the years of readjustment at the conclusion of the war.

Another highway proposition which has been given consideration is one which will make available for automobiles the unparalleled scenic splendours of Glacier park made famous by the Canadian Pacific Railway "loops" in the Selkirks. The construction of the Connaught tunnel between Bear creek and Glacier has brought about

the abandonment of the Canadian Pacific Railway tracks between these points, including Rogers pass, which was the highest point in the Canadian Pacific Railway system. With the granting of title to the railway company for the tunnel site, the old roadbed reverts to the Crown. The transformation of the roadbed into an automobile road is necessarily neither expensive nor difficult, and it will give about eighteen miles of highway among the towering peaks and marvellous icefields of the Selkirks.

ALIEN PRISONERS' CAMP.

Early in the summer of 1917 the last of the internment camps in the parks was closed down. This was necessitated by the release for industrial purposes of a large proportion of the alien enemies. It was not considered that the comparatively small number remaining would justify the continuation of the working camps and, therefore, the balance of the prisoners were transferred to camps in northern Ontario. While the operation of the alien camps in Revelstoke, Yoho and Jasper parks did not yield as great results as anticipated, nevertheless substantial progress was made on works that could not otherwise have been undertaken during the war.

UTILIZATION OF PRISON LABOUR.

In connection with the question of road construction a great deal of investigation has been made upon the subject of the utilization of jail and penitentiary prisoners with the idea that this class of labour might eventually be secured for parks work. This investigation showed that in the United States most satisfactory results have been attained in many of the states in connection with road construction by prisoners.

One of the problems which those who deal with the prisoners have to meet is the provision of suitable employment. It is now generally admitted that it is very injurious to maintain prisoners either in idleness or in unproductive labour. The difficulty is to find employment which is productive and yet which does not compete with free labour.

I understand that in so far as possible Canadian prisoners are given productive work, but I note that the superintendent of Canadian penitentiaries says in his report for 1915:—

> "Our officers are obliged to utilize labour at stonebreaking and other industries that are neither desirable nor profitable. For the insufficiency of suitable and productive employment the officers are in no way responsible."

In this connection I would point out that there is an immense field for the employment of labour in the construction of roads in Canada; that this is work which is undoubtedly both necessary and productive and which at the present time, owing to the shortage of free labour and the high cost of wages, it is almost impossible to undertake.

It is, moreover, the experience of other countries that this form of employment not only does not interfere with the ends of prison discipline but that it is the best which can be adopted, not only economically for the state, but also in securing the reformation of the prisoner.

A considerable part of the roadbuilding in the United States in recent years has been made possible by the use of convict labour and the system is gradually being adopted throughout the entire country. Ten years ago only about 1 per cent of the prison population in the United States was engaged in roadwork; to-day over 12 per cent are so employed and all but two of the states have laws authorizing its use. For the most part the system was adopted primarily, not for economic reasons, but to meet the problem stated by the superintendent of Canadian penitentiaries, the need of finding suitable and productive employment for prisoners. It was found in most

states that the great majority of convicts were drawn from the ranks of those engaged in outdoor occupations. Their employment in prison shops had not only the disadvantage of competing with free labour but it resulted in a physical deterioration and prisoners were often unfitted when released to resume their former occupations. Prison farms, although offering suitable and healthful employment, were seldom remunerative and unless very large could not absorb all the available supply of labour. Road construction, on the other hand, is work which is very necessary to the State but which it is often impossible to undertake because of the expense involved. In addition, it has three advantages—it competes less than any other form of employment with free labour, it absorbs all available labour, and it has excellent physical and mental results in so far as the prisoners themselves are concerned.

As the system has been in practice in a number of the states for several years, under widely varying climatic and other conditions, there is now a considerable body of evidence as to its success. New Jersey, Michigan, New Mexico, Arizona, Utah, Texas, New York state, Washington, District of Columbia, Florida and Alabama all use prisoners for road construction.

Virginia employs an average of about 750 men in roadwork and is building macadam roads at a cost of $3,400 per mile, where free labour had been costing $4,900 per mile, a saving of $1,500 per mile. At the last session the legislature appropriated $250,000 for this division of the highway department. Georgia, employs approximately 5,000 of its prisoners in roadwork, South Carolina, 1,100, Louisiana, from 150 to 300. North Carolina has about 1,500 in 42 counties engaged in this form of labour, and has built 1,500 miles of hard-surfaced roads. Missouri, Greene county, has built 35 miles of standard 14-foot rock road with the aid of county prisoners at a cost of $1,200 per mile. Colorado has been employing a daily average of about 200 men and has built over 1,000 miles of road, ranking with the best of the world, at about one-third the cost of free labour and an estimated total saving to the State of over $1,000,000.

The general concensus of opinion appears to be that, properly conducted and operated under suitable conditions, the use of convict labour for this purpose permits of the construction of roads at a considerable saving to the state and offers the best solution with regard to the employment of prisoners.

Mr. G. P. Coleman, State Highway Commissioner for Virginia, said in his last address to the legislature:—

> "I can say here, from an experience covering eleven years, that I know of no work on which convicts can be used which is of greater benefit to the state, first, in the upbuilding of the character of the criminal himself, since he soon learns that the work he is doing is of value to the state as a whole, and he takes pride in it as he grows to feel that he is instrumental in the development of the state whose law he has broken; second, in the construction and maintenance of its roads and the consequent development and expansion of the state's resources."

Mr. J. E. Pennybacker, Chief of the Division of Road Economics, Washington, says in a recent report published by the Department of Agriculture:—

> "No field can be selected in which the expenditure of prison labour can be applied with greater benefit to the state for the reason that as a whole there is no greater need than the improvement of highways. It is true that the value of such labour cannot be measured so readily in dollars and cents as the industrial labour within the penitentiary, but there is every reason to believe that, properly conducted, the roadwork may be carried on with as much efficiency as the penitentiary industries, while the former has the additional advantage of requiring no sale or transfer to place it in public use. At this point let it

be noted, that although the convict labour, so applied, may be of very great benefit to the state, it also is of benefit to the convict himself in that it brings to him the realization he cannot grasp in the prison shop grind, that he may be of real importance in life as a producing agent."

The 1914-16 Biennial Report of the State Board of Prison Directors, California, contains the following:—

"During the last year embraced in this report the experiment of working prisoners in the construction and repair of highways in remote and sparsely settled sections of the state has been tried. The result has been gratifying. 188 prisoners from San Quentin and 60 from Folsom prison were at work on roads at the close of the fiscal year.

"The percentage of escapes has been very small. We are advised by the Highway Department that the standard of efficiency is as great, if not greater, than that of free men employed in the construction of highways. It is approximately estimated that the cost of construction is considerably less than one-half of the cost of constructing roads with free labour."

Extract from report of the state warden in connection with the above:—.

"At the session of the legislature in 1915, there was passed a law providing for the use of prisoners in the building of highways. Immediately after the law became effective preparations were made for putting it into immediate operation. In September, 1915, through the co-operation of the highway commissioners and your board camps were arranged and men selected for the work. The first group of men, 47 in number, were carefully selected and sent to the camp established for them near Cummings, in Mendocino county. Following, small groups of men have been sent since that time and now, after a year's operation, more than 300 men have been sent to the camps in Mendocino county from San Quentin and out of that number only 5 have been lost by escape. At the present time 188 men are engaged in that work, and I state it conservatively when I say that from the standpoint of work accomplished and standard of conduct maintained, the men have done very well and the system of building highways by prison labour under the honour system is a success. I feel safe in saying that this plan must be developed to an extent that will make it possible to build links in the main highway and also to construct laterals in mountain counties that might remain untouched for years."

Not long ago the United States Department of Agriculture conducted an investigation into the whole question and published its findings in a special bulletin "Convict Labour for Road Work." On page 11 of this report is the following:—

"Of all the advantages that are urged in favour of roadwork as an occupation, that which carries the greatest force is that such work is undoubtedly more healthful than any form of employment which may be provided in a prison shop. Hard manual labour, in close touch with nature and its fresh air and sunshine, is universally recognized as most beneficial while continuous dwelling within doors, with only such periods of exercise as it is convenient to allow, is a most unnatural life for all but a small proportion of the State's prisoners and is observed to have a depressing effect upon the vitality of most of the convicts, with no marked good effects upon any of them."

"Aside from its deleterious physical effect the monotony of prison shop labour has a tendency to reduce the mental activity of the inmate unused to such life, and upon release, many of the members of the professional and mercantile classes find themselves no longer able to keep pace with their more alert

competitors. Work on the roads offering as it does, a variety of employment, has no such degenerative mental effect and for this reason, is better than shop work as an occupation for about three-fourths of the prison population.'

Samuel W. Hill, the "Father of American Good Roads" declares:—

"There are four ways by means of which we may accomplish the great dream of a coherent comprehensive, national highways plan; first, through the gift of money for roadbuilding; second, through deferred taxation, bonds; third, through direct taxation: fourth, through convict labour. We in the northwest, have found the fourth most effective. It is most remunerative for the people and the men."

Julian Leavitt, July, 1913:—

"Good roads are a crying necessity in this country. But until now the cost of building them has been prohibitive. We have scarcely begun to realize that in our 1,400 prison houses we have stored the labour power of 100,000 men and boys—truly an army of liberation if applied to a good purpose."

With regard to the efficiency and discipline of these road camps, Thos. B. Tynan, Colorado, said:—

"The discipline at the camps has been as nearly perfect as possible and the effect upon the prisoners has given them superb health and has improved their physical condition. There is nothing to prevent a man's escape, should he be so inclined, yet withal, out of over 1,000 individual men in the past three years the percentage of successful escapes from our camps is less than one per cent."

The chief objections usually presented against this form of employment are:—

1. That it exposes the convict to the public gaze and so tends to harden both the public and the prisoner.
2. That it provides a greater opportunity for escape.
3. That convict labour is less efficient than free labour and that it is difficult to make prisoners work.

The first two objections have no force with regard to the proposal to utilize prisoners on roads in the parks, for the prisoners would be engaged in such remote districts that they would come in contact, practically, with no one, and the character of the country would make escape almost impossible.

With regard to the third there is a difference of opinion. As a rule the efficiency of the convict appears to depend chiefly upon the system adopted and the general spirit of the camp, due principally to the character of the camp officers. In many of the states prisoners are worked on what is known as the "honour system" and this has been found to produce the best results in the north and west. In the south where prisoners are of a lower type the "guard system" has been more successful, but where the general standards are higher, such as they are in Canada, the concensus of opinion is in favour of the honour system. By this method prisoners who have made good within prison walls are promoted to work on roads and an incentive to work is given by a system of rewards, by a deduction of so many days per month for good work and in some cases by paying them a small wage.

With regard to the comparative efficiency of convict and free labour the Chief of the Division of Road Economics states that this differs according to the class of work and general conditions. The United States Bureau of Labour has secured data in this respect from a large number of sources. In the south prison labour was found to be considerably more efficient than free labour. The New England States reported it about two-thirds as efficient; the Western States about equally efficient.

In this connection Warden Tynan of Colorado said:—

> "Personally I believe that our men have worked far more faithfully, harder and with more enthusiasm than the paid labourer would. Not that the paid labourer is to be disparaged, but the convict employed on this class of work has the following special incentives; outdoor life, sunshine, better clothing, better food and more privileges as against the walls and rigid discipline of the prison, and an additional allowance of ten days per month from his sentence, and these incentives spur the men on to work with a degree of zeal, energy and loyalty that cannot be attained by the regular grading or mining camp."

In 1913 prison labour was employed in Arizona for the construction of the Bisbee-Tombstone highway and a comparison of the work accomplished was made with that done by free labour under the same conditions a month later. The report shows that not only was the work done by the convicts at lower unit costs but the actual work accomplished per individual in the same time was greater for convicts than for free men.

Activity.	July, prison labour.			September, free labour.		
	Total quantities.	Quantities per man.	Unit price.	Total quantities.	Quantities per man.	Unit price.
	Cu. yds.	Cu. yds.	$ cts.	Cu. yds.	Cu. yds.	$ cts.
Grading—						
Solid rock	1,649·7	21·42	1,375 09	981·6	13·82	2 13
Loose rock	961·3	12·48	0 59	521·6	7·34	1 51
Boulders	829·8	10·78	0 81	937·9	13·21	1 77
Excavation—						
Solid rock	389·5	5·06	1 23	219·1	3·09	2 67
Loose rock	21·5	0·28	1 16	3·0	0·04	1 66
Concrete	143·4	1·86	6 00	65·0	0 91	9 44
Masonry	44·4	0·58	5 46	37·0	0·52	6 53
Ditching—						
Solid rock	84·1	1·09	1 52	21·7	0·31	2 64
Earth	39·8	0·52	0 46	53·0	0·75	0 92
Clearing and grubbing	7·0*	0·09*	11 31	3·0	0 04	11 87

*Acres.

One thing which adds to this form of labour is that it is absolutely dependable. Mr. Pennybacker says:—

> "Plans for work can be made in advance with a sure knowledge that the anticipated number of labourers will be on hand to execute them. There can be no tardiness in the convict camp such as is frequently the fault with free labour, and furthermore, the regularity of the force enables a competent overseer to develop the maximum efficiency of each man to an extent that is not possible with shifting free labour."

In connection with its investigations the parks branch during the past winter wrote to some of the states which have been especially successful in the use of prison labour as to their opinion of its comparative efficiency. The replies received were almost invariably favourable but I have room to quote from only one or two.

Extract from letter from Harden Bennion, Secretary of State, Utah, U.S.A., dated February 14, 1918:—

> "For the past three years the state of Utah has successfully worked its convicts on the state roads and, while the expense of guarding and camp maintenance is somewhat higher than it would be if the men were confined in the

penitentiary, yet the benefit derived from road construction accomplished, and particularly the benefit that comes to the men themselves through their being out in the open engaged in good hard work, is such that we feel abundantly justified and repaid for our efforts.

"I have been more closely associated with this work during the past year than heretofore, but for this season we have found that our prisoners do as much work man for man, as anybody we can hire.

"We have little difficulty in preventing their escape and we find that they take pride in the work accomplished and seem to feel that they are more nearly like other men and, above all, we find the men in a much better condition to be turned loose on their own responsibility at the termination of their sentence; of course, we do not take out into the camps the dangerous or vicious men."

Extract from letter from A. C. McKibbon, Secretary State Highway Board, Missouri, January 29, 1918:—

"The State Highway Department is using honour men from the Missouri State Penitentiary in road construction. This work was commenced several months ago but we have not compiled an extensive report. We have thirty men in each camp. We find the chief advantage lies in the fact that they soon become experienced roadbuilders, and take a very keen interest in their work. For example, we had occasion to make an eight-foot rock cut into nearly a quarter of a mile of solid rock in order to reduce a prohibitive grade. Three experienced miners accustomed to handing steam and air drills were assigned to this work. They accomplished wonders."

BUFFALO.

The Buffalo herds continue to thrive and expand. The following are the figures:

Park.	No. of Buffalo.
Rocky Mountains	8
Buffalo	2,920
Elk Island	161
	3,089

An increase of 545 over last year.

During the winter of 1917-18 the department abandoned the practice of putting all the animals in Buffalo park into "winter quarters" and feeding them hay. Most of the cows and younger animals were driven into winter quarters but the balance of the herd were left on the range.

It was considered that economy would be served and that at the same time the compelling of the sturdy animals to rustle for themselves in the winter would contribute to their welfare much more than if they were regularly fed hay. Of course the herds on the range were carefully watched. These animals came through the winter in remarkably fine condition. It is now felt that except under abnormal conditions they will at all times be able to care for themselves as well in winter as in summer.

THE FUNDAMENTAL PURPOSE OF PARKS.

In each annual report in the past I have emphasized the fundamental purpose of national parks—the conservation of human vitality and efficiency in Canada. Each year that the war has been in progress accentuates the necessity of development on the lines that parks stand for. At the outbreak of the war Baden-Powell said that 1935 woud show who was really victor. Each nation concerned is now expending lavishly the best it possesses in the way of human resources. The nation which devotes most

attention to the conservation and development of the human resources which it retains is the nation that is going to stand highest in 1935. Speaking in Montreal, in 1908, Viscount Milner said:—

> "I say, ultimately greatness and power rest on the welfare and contentedness of the mass of the people. And this involves so much; the physical health of men and women, with all that is necessary to ensure it: air, space, cleanliness, exercise, good houses, good food, and all that is included generally in domestic economy. Physical health first as the basis; then of course trained intelligence, the power of thought and observation, quickness of hand and eye, the development of various forms of industrial skill and so forth."

Physical health first as the basis, then trained intelligence. It is true there are many agencies that contribute to these but none contribute more than that for which national parks exist, viz.. recreation close to nature. While national parks are centres for recreation in the wilderness it is always considered that their influence must be made to extend far beyond those who visit the parks. The purpose of parks is as much to proclaim and teach the necessity of recreation everywhere as it is to provide specific areas for recreation. More and more the public are realizing that no human being can be at his best without recreation, especially recreation close to nature in the out-of-doors. People are recognizing this more perhaps from observation and experience of results than from reasoned analysis. But many acute minds have also analyzed conditions and have shown why man needs this sort of recreation and why this sort of recreation produces the results it does.

At the outset it is obvious that the tremendous commercial and economic changes brought about by civilization have radically changed man's habits of life. To-day everyone feels the everlasting urge of progress. Men of the past worked intermittently. To-day the strenuous life of civilization compels man to live under stress and tension; men by sheer will power and concentration hold themselves down for long hours to desks and machines. Their natural inclinations are inhibited and restrained. This involves continuous mental effort, nervous strain and the constant use of the higher brain centres. Such conditions result in rapid and extreme fatigue and the need for rest and relaxation of some kind becomes imperative. Otherwise there follows lowered vitality, organic and nervous disease or actual physical break-down.

It is interesting to note that investigations by the Life Extension Institute (New York) show that there is a marked decline in the power of modern workers to withstand the strain of present day life. Organic disease of all kinds is on the increase and it is appearing much earlier in life. This means that men are wearing out sooner than they used to, many of them in the prime of life. It indicates that as a race we are growing weaker.

It is possible that in a few hundred years man will have become accustomed to the new demands upon him. In the meantime he has to learn how to keep fit under existing conditions. He does this best by temporary returns to simpler and more primitive behaviour in which the nerve centres in use during his ordinary occupations are not employed. Laughter, games, sport, recreation, rest, are the natural antidotes and the best.

Laughter means relaxation, games are imitations of primitive occupations, the hunt, the chase, or tribal warfare. In these old grooves, nerves, will, and action co-ordinate with so little effort as to produce a sense of pleasure. The older, the more basic, the more primitive the brain patterns used in our hours of relaxation, the more complete our rest and enjoyment. That is why so many brain and city workers feel the absolute necessity of returning each year for a brief time to the wilderness. Man is after all an out of doors animal. For thousands of years he lived by the camp fire and got his living by hunting or fishing. Nature has been his home for countless generations and when the strain and stress of civilization grow too heavy he turns back to her and finds rest, enjoyment, and recreation.

APPENDIX No. 1.

ROCKY MOUNTAINS PARK.

SUPERINTENDENT, S. J. CLARKE.

During the past year the boundaries of Rocky Mountains park were enlarged from 1,800 to 2,751 square miles. The park now extends as far as the Clearwater river to the north, and takes in the watershed of the Kananaskis to the south. Both these areas have been protected for game purposes by the parks organization since the reduction of the parks boundaries in 1911. The northern area is one of the best game districts on the eastern slope of the Rockies and a natural breeding place for sheep, goat and deer. The Kananaskis district has long been a favourite objective for visitors to Banff. The lakes are not only very beautiful, but they provide some of the best fishing to be found in this park.

During the past season over four times as many autos visited Banff as ever before. This increase was due not so much to foreign or long distance travel as to visitors from the Middle west and was largely the result of the publicity work of the Dominion Parks branch. The automobile has practically driven the more picturesque but slower tally-ho off the roads.

Owing to the small appropriation due to the war and the removal of alien prison labour to an internment camp in Ontario, little new work was undertaken, the principal being the continuation of the construction of the Castle-Lake Louise motor road.

On the Calgary-Banff motor road a gang of men was employed on the maintenance and repair of 32 miles of road between the eastern entrance of the park and Banff.

On the automobile road to Castle mountain work was opened last year on the Johnston Creek canyon. A trail was made, where that was possible, low down in the canyon and a series of rustic bridges thrown across the stream, terminating opposite the first falls about half a mile from the mouth of the canyon. This spot was the principal objective of many of the motoring parties which came into the park and during July and August it was a rare day on which fewer than fifty car-loads were carried to see the wonders of this spot.

There are at the present time 134 miles of roads in the park, including the town streets, and 337 miles of trails. In Banff, townsite and villa, there are 40,558 feet of gravel and cinder walks, and 2,688 feet of asphalt macadam walk. There are also 45,440 feet of water mains and 40,752 feet of sewer.

A number of additional street water cranes were put in during the year which enabled the street sprinkling system in Banff townsite to be extended without extra expense.

The analysis of the Banff water supply gave uniformly satisfactory results.

FIRES.

There were no forest fires of any size notwithstanding the unusually dry season. The two minor ones that occurred provided an excellent test of the efficiency of the portable fire pumps.

The town fire brigade fortunately had not many calls during the year. It is a voluntary organization and its membership has been very largely depleted by enlistments in the Empire's fighting forces, but its work of protection is always promptly and admirably done.

GAME.

All game is plentiful and elk and moose have appeared in the Park for the first time. During the year five mountain sheep were shipped to the Smithsonian Institute at Washington, D.C. During the winter the wardens destroyed 152 coyotes and 4 lynx. In the enclosure the animals are as follows: buffalo, 8; moose, 10; elk, 34; mule deer, 11; white tail deer, 2; Persian sheep, 5; angora goats, 15; Rocky Mountain sheep, 18; Rocky Mountain goat, 6; four-horned sheep, 23; yak, 19; yearling elk (brought from Gardner, Yellowstone park), 50.

The increases at the animal paddocks were: yak, 4; elk, 3 (calves); Rocky Mountain lambs, 2; Rocky Mountain goat, 3 (caught by game wardens).

FISH HATCHERY.

This institution, under the Naval Department, is flourishing and valuable results are expected from its work.

The following fry were liberated into the lakes and streams:—

Lake Minnewanka—	
Lake herring	2,189,000
Atlantic salmon	102,940
Whisky Creek—	
Cut-throat trout	12,527

A shipment was also made to Jasper and Yoho parks during the year. The fry in hatchery at end of October numbered 308,363.

There were 4,725 visitors to the hatchery during the season.

GOLF LINKS.

The taking over of the golf links from the hotel management of the Canadian Pacific Railway before the opening of the summer season met with the most successful results which ever attended the operation of the course, both in the matter of revenue and the number of players.

An extension of the course by another nine holes was begun in the early summer, making use of alien labour for this purpose, but the work was postponed, when the alien camp closed down. At the end of the season, however, a gang of workmen was put on and excellent progress made.

LICENSES.

A statement of the licenses issued shows:—

Autos	1,756
Livery (horse)	13
Boats of various sorts	53
Miscellaneous	388

Seventy-one grazing and 114 timber permits were also issued.

The auto licenses show a considerable increase over last year.

There was very little building done during the season. The number of permits issued was 23, covering an estimated total expenditure of $16,630.

An excellent camping ground was laid out at the junction of the Bow and Spray rivers and was very popular. Seventy-three permits, exclusive of those to visitors during the auto week, were issued.

WINTER CARNIVAL.

The second winter carnival, with its ice palace and sports, was held at Banff, February 8-18, and proved a great success. Probably there is no place in Canada which is so ideally situated or possesses so many natural attractions as Banff. It therefore seems possible that when the war is over and things return to a more normal condition, the town may become not only the mecca for the summer tourist but also the winter play-ground for all America.

THE BATH HOUSES.

These were well patronized. The number of bathers at the upper hot springs during the past year was nearly 27,000, the largest on record.

At the cave and basin there were 35,411 bathers; 34,048 paying and 1,363 free. This was an increase of 6,773 over the previous year.

HEALTH.

Public health in the park was uniformly good. During the year Dr. R. H. Brett was appointed parks medical health officer. He will undertake duties of a nature intended to prevent outbreaks of infectious disease and otherwise help the administration in the general maintenance of the health of the park.

THE BANFF MUSEUM.

The museum under Curator N. B. Sanson did good work during the year, and added a number of interesting specimens to its well arranged exhibits.

THE ALPINE CLUB OF CANADA.

The Banff Club House.

The Alpine club house was open as usual during June, July, August and September, to members and their friends. Many inquiries were received about the geography of the country and the possibility of expeditions outside the conventional drives organized by the transportation companies.

The second ascent of mount Louise was made and declared to be the hardest rock climb the Rockies or Selkirks known to the climbers, Mr. V. A. Flynn of the English and Canadian Alpine clubs and Edward Feuz, the Swiss guide.

Mount Rundle was climbed and the trip to and through Johnson canyon found to be most attractive. The river grows in popularity. From it are undoubtedly obtained the finest views of the mountains within easy reach.

At Lake Louise the usual ascents were made. Mr. Flynn, with Rudolph Aemmer, made the summits of mounts Lefroy and Victoria in one long day, the first time such an expedition had been attempted.

The visitors to the club house were drawn from every province in Canada from as far east as New York and New England in the United States.

APPENDIX No. 1a.

STATEMENTS OF PERSONS REGISTERED AT THE VARIOUS HOTELS IN THE ROCKY MOUNTAINS PARK DURING THE PERIOD FROM 1st APRIL, 1917, TO 31st MARCH, 1918.

HOT SPRINGS HOTEL (open all year).

Canada	540
United States	15
Other countries	3
	558

MOUNT ROYAL HOTEL, from May 1, 1917, to October 15, 1917.

Total visitors, 5,150.

(This hotel does not keep any record of the nationality of its visitors.)

ALBERTA HOTEL (open all year).

Canada	3,845
United States	610
Other countries	18
	4,473

HOMESTEAD HOTEL (open during summer months only).

Canada	2,412
United States	658
Great Britain	3
Other countries	12
	3,085

SANATARIUM HOTEL.

No records were kept by this hotel during the season. Estimated number of guests, 5,000.

KING EDWARD HOTEL, from April 1, 1917, to March 31, 1918.

Canada	5,253
United States	605
England	25
Australia	30
China	8
New Zealand	4
India	4
Hawaii	4
Scotland	3
Java	3
Holland	2
Wales	1
Korea	1
Germany	1
	5,944

BANFF SPRINGS HOTEL, Banff, Alta., Seasons 1916 and 1917.

	1916.	1917.
Manitoba	22	61
(Winnipeg)	355	574
Saskatchewan	189	331
Alberta	1,427	1,818
British Columbia	210	254
Total	2,203	3,038
Increase		835
Newfoundland	3	—
Prince Edward Island	6	8
Nova Scotia	7	25
New Brunswick	11	30
Quebec	244	232
Ontario	487	567
Total	758	862
Increase		104
Maine	24	16
New Hampshire	11	5
Vermont	11	13
Massachusetts	312	107
(Boston)	206	172
Connecticut	114	61
Rhode Island	44	25
New York State	295	233
(New York City)	1,234	781
Pennsylvania	224	70
(Pittsburg)	38	73
(Philadelphia)	296	168
New Jersey	195	150
Delaware	17	4
Maryland	82	36
District of Columbia	84	99
West Virginia	24	12
Virginia	72	20
Total	3,283	2,045
Decrease	1,238	
Kentucky	52	26
Tennessee	51	30
North Carolina	6	7
South Carolina	9	3
Georgia	40	13
Alabama	37	27
Mississippi	12	12
Louisiana	31	39
Florida	10	3
Total	248	160
Decrease	88	

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BANFF SPRINGS HOTEL, Banff, Alta., Seasons, 1916 and 1917—*Continued.*

	1916.	1917.
Ohio	115	151
(Cleveland)	134	62
(Cincinnati)	74	54
Michigan	91	51
(Detroit)	108	87
Indiana	95	56
(Indianapolis)	39	12
Illinois	218	106
(Chicago)	607	499
Iowa	118	48
Total	1,599	1,126
Decrease	473	
Missouri	46	30
(St. Louis)	107	76
(Kansas City)	45	47
Kansas	32	26
Arkansas	10	9
Oklahoma	15	33
Nebraska	37	32
(Omaha)	....	16
Texas	73	52
Total	365	321
Decrease	44	
Wisconsin	74	61
(Milwaukee)	74	39
Minnesota	64	36
(Minneapolis)	159	167
(St. Paul)	63	45
North Dakota	30	30
South Dakota	4	4
Total	468	382
Decrease	86	
Washington	182	149
Oregon	110	74
California	293	249
(San Francisco)	191	218
(Los Angeles)	229	145
Total	1,005	835
Decrease	170	
Nevada	....	11
Montana	26	8
Idaho	2	9
Colorado	20	12
Utah	6	2
Arizona	12	6
Total	66	48
Decrease	18	
Alaska	3	1
West Indies	13	10
Java	....	18
Mexico and Central America	2	6
South America	7	7
Total	25	42
Increase		17

BANFF SPRINGS HOTEL, Banff, Alta., Seasons, 1916 and 1917—*Concluded.*

	1916.	1917.
England	85	50
Ireland	4	2
Scotland	12	2
France	10	21
Holland	7	70
Other European countries	14	13
Total	132	158
Increase	26	
Australia	112	70
New Zealand	49	13
China	50	44
India	27	17
Hawaii	41	17
Philippine Islands	14	18
Japan	26	18
Africa	5	2
Asia	5	—
Persia	2	—
Straits Settlements	14	9
Total	345	208
Decrease	137	
Unlocated	121	70
Conducted Parties (otherwise unlocated).		
Raymond & Whitcomb	56	40
Thos. Cook & Sons	20	—
G. K. & B.	48	37
Various parties	73	42
Total	197	119
Decrease	78	
Total, 1916		10,812
Total, 1917		9,414
Decrease		1,398

CHATEAU LAKE LOUISE, Lake Louise, Alta.—Seasons, 1916 and 1917.

	1916.	1917.
Manitoba	39	21
(Winnipeg)	203	222
Saskatchewan	319	128
Alberta	721	504
British Columbia	158	164
Total	1,440	1,039
Increase		401
Prince Edward Island	3	2
Nova Scotia	17	11
New Brunswick	23	19
Quebec	122	170
Ontario	417	447
Total	582	649
Decrease	67	

CHATEAU LAKE LOUISE, Lake Louise, Alta.—Seasons, 1916 and 1917—*Continued.*

	1916.	1917.
Maine	22	26
New Hampshire	4	32
Vermont	13	15
Massachusetts	184	328
(Boston)	192	309
Connecticut	87	162
Rhode Island	43	93
New York State	235	348
(New York City)	908	1,272
Pennsylvania	92	206
(Pittsburg)	91	114
(Philadelphia)	202	328
New Jersey	183	216
Delaware	4	14
Maryland	34	93
District of Columbia	51	109
West Virginia	23	27
Virginia	25	66
Total	2,393	3,758
Decrease	1,365	
Kentucky	36	69
Tennessee	34	75
North Carolina	10	11
South Carolina	2	9
Georgia	33	59
Alabama	27	27
Mississippi	7	11
Louisiana	35	43
Florida	10	27
Total	194	331
Decrease	137	
Ohio	200	284
(Cleveland)	75	156
(Cincinnati)	63	102
Michigan	114	151
(Detroit)	73	124
Indiana	62	141
(Indianapolis)	32	61
Illinois	223	346
(Chicago)	623	801
Iowa	181	249
Total	1,646	2,415
Decrease	769	
Missouri	42	50
(St. Louis)	88	132
(Kansas City)	75	64
Kansas	40	54
Arkansas	11	14
Oklahoma	39	24
Nebraska	49	83
(Omaha)	38	27
Texas	79	87
Total	461	535
Decrease	74	
Wisconsin	96	128
(Wilwaukee)	60	101
Minnesota	50	125
(Minneapolis)	222	356
(St. Paul)	54	98
North Dakota	43	30
South Dakota	10	19
Total	535	857
Decrease	322	

CHATEAU LAKE LOUISE, Lake Louise, Alta.—Seasons, 1916 and 1917—*Concluded.*

	1916.	1917.
Washington	208	340
Oregon	123	184
California	466	504
(San Francisco)	276	281
(Los Angeles)	243	409
Nevada	8	3
Total	1,324	1,721
Decrease	397	
Montana	6	15
Idaho	10	8
Wyoming	1	—
Colorado	16	19
Utah	....	8
Arizona	6	9
Total	39	59
Decrease	20	
West Indies	5	19
Mexico and Central America	1	3
South America	4	8
Total	10	30
Decrease	20	
England	34	66
Scotland	3	12
Ireland	2	—
France	2	13
Italy	....	2
Switzerland	....	2
Holland	65	7
Other European countries	14	3
Total	120	105
Increase		15
Australia	66	102
New Zealand	50	34
China	60	55
India	11	15
Hawaii	35	38
Philippine Islands	12	20
Africa	7	6
Japan	17	20
Straits Settlements	10	13
Total	268	303
Decrease	35	

Conducted Parties (otherwise unlocated).

Raymond & Whitcomb	10	37
G. K. & B.	52	78
Various	20	85
Total	82	200
Decrease	118	
Unlocated	61	64
Total, 1916		12,066
Total, 1917		9,155
Decrease		2,911

SUMMARY.

Banff Springs Hotel	9,414
Lake Louise Chalet	9,155
Hot Springs Hotel	558
Mount Royal Hotel	5,150
Alberta Hotel	4,473
Homestead Hotel	3,085
Sanitarium (estimated)	5,000
King Edward Hotel	5,944
Summer Cottagers and Campers	8,000
Excursionists (estimated)	7,000
Motorists	10,000
	67,779
Total previous year	57,250
Increase	10,529

MONTHLY PRECIPITATION.

Month. 1917.	Rain.	Snow.	Total.
January	....	7·3	0·73
February	....	3·45	0·34
March	....	11·3	1·13
April	R.	8·0	0·80
May	2·29	9·9	3·28
June	2·80	1·5	2·95
July	0·46	....	0·46
August	1·87	....	1·87
September	1·10	.....	1·10
October	0·52	5·7	1·09
November	0·27	0·35	0·31
December	0·27	31·5	3·41
	9·58	79·00	17·47

Total annual precipitation—17·47.

1918.			
January	0·09	7·9	0·88
February	0·01	19·4	1·95
March	0·05	1·42	1·46

MONTHLY MAXIMUM AND MINIMUM TEMPERATURES.

Month. 1917.	Maximum.	Minimum.
January	39·8	—38·0
February	44·2	—43·5
March	42·3	—11·1
April	49·0	— 4·7
May	71·2	16·9
June	77·6	29·2
July	90·1	35·0
August	84·0	29·8
September	75·6	25·3

MONTHLY MAXIMUM AND MINIMUM TEMPERATURE.—*Con.*

1917. Month.	Maximum.	Minimum.
October	66·8	0·3
November	56·0	15·8
December	44·2	—29·9
1918.		
January	48·2	—39·9
February	37·0	—36·7
March	51·0	—31·0

Yearly maximum for 1917—90·1.
Yearly minimum for 1917—43·5.

MONTHLY AVERAGE TEMPERATURE.

Month. 1917.	Average.
January	11·4
February	12·5
March	20·1
April	31·9
May	44·5
June	50·0
July	60·5
August	56·4
September	48·9
October	38·2
November	35·1
December	9·9

Average asnual monthly temperature—35·0.

1918.	
January	14·7
February	14·2
March	26·0

APPENDIX No. 2.

YOHO PARK.

SUPERINTENDENT E. N. RUSSELL, FIELD, B.C.

WORK OF THE YEAR.

Early in the year, the usual spring cleaning was done in the townsite of Field, and necessary repairs were made to the sidewalks, and streets.

Some protection work to the bank of the creek at the back of the townsite was also done, as it was considered that the creek might break through and flood the town. Repairs were made to the high bridge at Ottertail over the Ottertail river, and also to the Ottertail and Emerald Lake roads.

ROADS AND TRAILS.

Work was continued on the Ottertail Natural Bridge road. About 2½ miles of grading was completed. This road will connect the abandoned railway grade at Ottertail, now used as a highway, with the Emerald Lake road at a point near the Natural Bridge. When completed it will be a drive full of unsurpassed scenery. The road will be the only loop drive in the park, and have a total length of from fourteen to fifteen miles.

Necessary repairs were made on all existing trails, and visitors report that they were never in such good condition.

FIRE PROTECTION.

There were no serious losses from forest fires. The portable pumping unit proved of great assistance in fire fighting. For better fire protection a telephone line has been constructed linking up the outlying districts with the central office.

ALPINE CLUB.

The twelfth annual meeting of the Alpine Club of Canada was held in Yoho park during the summer. The camp was pitched in the valley of Cataract creek, about three miles from Hector station, and all the arrangements were excellently carried out. The attendance was slightly better than last year and was considered very satisfactory in view of the times.

FISH.

A beginning was made this year towards stocking some of the lakes in the park with fish, and 30,000 cut-throat trout fry were obtained from the hatchery at Banff of which 10,000 were placed in Wapta Lake, near Hector, and 20,000 in Emerald lake. In a few years time the park should have the best of fishing to offer.

APPENDIX No. 2a.

THE ALPINE CLUB OF CANADA.

Camp in Cataract Valley. S. H. Mitchell, Secretary.

The twelfth annual camp of the Alpine Club of Canada was held in the valley of of Cataract brook, about three miles south of Hector, from July 17 to 31. Though a camp had been held there as lately as July, 1913, the neighbourhood proved full of attraction. Ninety-one members in all were placed under canvas, a satisfactory attendance considering how heavily the war has drawn on the club.

Since the former camp the stream flowing from the glacier by the "Watch Tower" of Mount Victoria has washed down much rock and gravel and tents had to be pitched a little farther north. A subsidiary camp was placed in the open meadow near lake O'Hara where the club held its famous camp of 1909. Tents were also pitched in Paradise valley for the convenience of those who made the journey over the Abbot, Mitre, Wastach, Wenkchemna and Opabin passes.

For the greater part of the time the weather was perfect and the following mountains were climbed: Hungabee, Huber, Odaray, Cathedral, a peak of Victoria ridge, south of Popes peak, and Schaeffer. The Vanguard peak of mount Cathedral proved a most excellent rock climb, and lake McArthur and Oesa were visited by various parties, as well as Sherbrooke lake. Twenty-one members graduated to active membership on the various peaks.

Dr. Hickson travelled up the north fork of the Illicillewaet and conquered the hitherto unclimbed mount Moloch. Mount Sir Donald was climbed by the northwest arete and several other less important ascents made by members.

Mr. L. O. Armstrong, the veteran lecturer on the attractions of Canada, an original member of the club, was present in camp, gathering new material on every side. Unfortunately Mr. A. D. Kean, the well-known cowboy, now a moving picture expert, who collaborates with Mr. Armstrong, was detained in a lighthouse on the Pacific coast by stress of weather, and only arrived in camp as the weather was breaking. However, some photographs were obtained of mountaineering which will set an original seal on Mr. Armstrong's next set of lectures.

Miss A. Peck, well known in mountaineering circles, from her climb of mount Huascaran in South America, was also in camp, but unfortunately experienced the only spell of bad weather and was unable to climb.

From the annual meeting a resolution of sympathy and admiration was sent to the club members at the front, whose record of distinction is a remarkable one.

There were present members of the English, Swiss and American Alpine clubs, and of the Royal Geographical Society.

APPENDIX No. 3.

GLACIER PARK.

SUPERINTENDENT, E. N. RUSSELL.

In this park all the trails have been cleared out and repaired, and the bridges over the Beaver river and Grizzly creek renewed. A gang of men also cleared the large rock slides off the road to the Nakimu caves.

Upon the completion of the Canadian Pacific Railway tunnel the old roadbed through the park was taken over by the park authorities. It includes the famous "Loops in the Selkirks," and the road when completed will make a carriage drive of unequalled interest.

The townsites at both ends of the Connaught tunnel, now no longer occupied by the railway contractors, have been thoroughly cleaned up, as has also the old townsite of Rogers pass. All buildings have been pulled down with the exception of the round-house, whose concrete walls are still standing.

APPENDIX No. 4.

REVELSTOKE PARK.

ACTING SUPERINTENDENT, E. N. RUSSELL.

Owing to the war, little has been done in the way of development with the exception of work on the motor road. This road will give access to the summit from Revelstoke, and its total length when finished will be seventeen miles.

WORK OF THE YEAR.

In the spring the precaution of clearing out obstructed water channels and culverts prevented a number of washouts on the motor road.

General repairs were made on the portions already built, and the construction of the Bridge Creek bridge was continued. This is a solid structure, one hundred feet in length. From this point the road was cut out and graded, side ditches made, bridges and culverts constructed, etc., as far as station 645.

SPORTS.

During the year the Revelstoke Ski Club which held a certain area of land adjacent to the southern boundary of the park, have, by their own wish, had this area included within the park limits, and in the fall of the year the department undertook certain improvements to the jump which have made it one of the finest in the world. This club has done much to bring Revelstoke and the park into prominence as the home of winter sports.

TELEPHONES.

The telephone line was extended to the site of the road camp at Bridge creek and a connection made with the warden's cabin on the auto road. This telephone line proved invaluable in carrying on the work of road construction. It is hoped next year to extend it to the summit of the mountain, where it is suggested a cabin should be erected for the use of the warden in connection with his patrol work.

VISITORS.

Among the distinguished visitors to the park this year were His Excellency the Duke of Devonshire and party, who were driven up the auto road as the guests of the city of Revelstoke.

APPENDIX No. 5.

JASPER PARK.

SUPERINTENDENT, LT.-COL. S. M. ROGERS, JASPER, ALTA.

Owing to the restricted appropriation, little work was undertaken in Jasper park during the year, attention being chiefly concentrated on keeping the existing roads, trails and bridges in repair.

There are over 400 miles of trails in Jasper park which give access to practically all the important scenic points, and nearly 100 miles of roads.

The great need of keeping the trails open was emphasized by two forest fires during the summer in the northeast corner of the park. So far as could be ascertained, both fires were caused by lightning.

Several smaller fires along the railway emphasizes the desirability of having all engines passing through the mountains converted into oil burners.

FISHING.

The supply of game fish in the park appears to be increasing and young fry were also secured from the Department of Fisheries. Pyramid and Jack lakes are both excellent fishing grounds; in the former 10-pound trout were caught early in the season and later 8 and 6 pounders were common. Caledonia lake can almost always be depended on for a good catch of rainbow trout.

WILD LIFE.

The game is noticeably increasing and thanks to the efficiency of the wardens' service the coyote pest has been greatly reduced.

MOTOR HIGHWAY.

The abandonment of over 200 miles of railway opens the way for a possible motor highway through the park. An automobile road from Edmonton to Jasper has long been under discussion and would involve few difficulties in the way of construction. The road would bring the park within easy reach of thousands in the prairie provinces.

ACCOMMODATION.

At present Jasper park suffers, from the tourists' point of view, from the absence of a hotel. The Grand Trunk Pacific Railway Company, some years ago, had plans drawn up for a million dollar building but the outbreak of the war put an end to the project. To meet the needs of the travelling public the company has maintained for the past three years, a very comfortable "tented city" on the shores of lac Beauvert.

APPENDIX No. 6.

WATERTON LAKES PARK.

SUPERINTENDENT, ROBT. COOPER, WATERTON PARK, ALBERTA.

Owing to the need for the strictest economy, little new work was undertaken. Special effort was made, however, to put the park roads into good condition. As a result of this and also of the publicity campaign conducted in Alberta during the spring, the tourist traffic to the park was much larger than in former years.

Further repair work was also done on the Oil City Boundary road—which was gone over last year as far as Oil City. This year the work was continued to the British Columbia boundary.

Where this road crosses the Blakiston brook, or Pass creek, a bridge is urgently needed. When built it will greatly increase the traffic along this thoroughfare. The road, which should be widened and straightened in many places, leads through some of the best scenery in this section. It is also the only road in the park which takes one back into the so-called hinterland, and its accessibility by automobile will no doubt be largely taken advantage of.

IMPROVEMENT WORK.

Two branch telephone lines were built during the season and two partly constructed, making a total length of about 24¼ miles.

Fallen timber was cleared from the trails already in existence but no new trails were constructed.

A number of new buildings were erected including several summer cottages and two or three buildings for business purposes.

Practically all the lots in the townsite, of any value as building sites for cottages, were disposed of.

CAMPING GROUND.

A small appropriation was authorized during the year for the enlargement of the camping grounds, and good headway was made in clearing it.

As the hotel accommodation in this park is limited, the camping grounds are frequently overcrowded. Although there are many other places where one can pitch a tent the ideal camping ground is near the Cameron falls amongst the pine trees. This is close to the townsite and has everything essential to a perfect camping ground, water, trees, view, etc.

GAME PROTECTION.

The big game in the park is very plentiful and increasing each year. Considerable trouble was experienced with wolves and coyotes and a vigorous campaign is being conducted to rid the park of these predatory animals.

The lakes and rivers swarm with ducks, geese and other feathered game. The geese remain until very late in the season, and last fall they did not leave until nearly Christmas.

FIRE.

Owing to the efficiency of fire protection, no fires of any importance occurred during the year. This is all the more satisfactory in view of the large number of campers and wood haulers in the park at all times of the year.

GRAZING AND TIMBER.

The grazing privileges are in great demand at all times. There were approximately 3,300 head of stock grazed in the park under permit.

The demand for dry wood permits is still great, showing that this opportunity of securing fuel at a merely nominal price is much appreciated; 65 dry wood permits were issued to the settlers in the surrounding country.

VISITORS.

There were approximately 8,500 visitors to the park during the season, an increase over last year of more than 100 per cent.

Among these were Messrs. G. S. Yard and V. Baillie of the Parks Department, Department of the Interior, Washington, D.C., who had in view the development of a road to Agassiz and Kintla glaciers, in United States Glacier park. The only feasible route to these glaciers is through Waterton Lakes park.

APPENDIX No. 7.

BUFFALO PARK.

SUPERINTENDENT, A. G. SMITH, WAINWRIGHT, ALBERTA.

In addition to caring for the buffalo, Buffalo park also carries on a farm which produces the winter feed of the buffalo and sufficient oats to supply not only the requirements of the park but several of the other parks as well.

FARMING OPERATIONS.

Some 400 acres were seeded to oats, part of which had been summer-fallowed. The dry season however proved too much for the light land, and the result was the yield was not quite twenty bushels per acre. In addition to producing the oats required for the park until the next crop and the seed for next year, it was possible to ship over 2,100 bushels to the other Dominion parks.

At the farm about 200 acres of the land under cultivation were summer-fallowed, this being the usual amount of land so treated each year.

The small acreage usually under crop at the Home Paddock was also put in summer-fallow, as two crops had been taken off and it was not thought advisable to do more with such light land.

HAYING.

While the dry season was unfavourable for growing oats, it helped in the haying operations.

Some 1,200 tons of hay were cut and stacked, all of which was hauled during the winter, and most of it stacked in the hay corral adjoining the feed grounds in the winter quarters, to be carried over summer.

In addition to the hay cut for the use of the park, the department has endeavoured to help production by granting hay permits to settlers living in the vicinity. Hay permits covering the cutting of 671 tons on the Buffalo park reserve were granted to settlers during the year.

FIRE-GUARDING.

All the fire-guards around and across the park were ploughed.

There were two small fires in the park, caused by lightning. There were also a number of fires close to the park boundary, some started by the sparks of a railway engine and others by settlers clearing land; in every instance men were sent to help put them out.

To enable the riders to see the fence and also for fire protection purposes, considerable brush was cut out between the fire-guards along the main fence.

Fifteen miles of new fence were erected around the cattalo enclosure and about twenty-one miles of the main fence were repaired before the frost came.

TIMBER PERMITS.

About 1,000 cords of dry wood were taken out of the park, under permit, by nearby settlers.

Some cleaning up was done on the lots recently surveyed on the shores of Mott lake. This expenditure was very necessary before any use could be made of this beautiful resort.

WILD ANIMALS.

During the year there was an increase of 537 buffalo, and only 14 of a decrease; of this number 9 died, 4 were shot on account of being crippled, and 1 shipped to Brandon.

The elk show an increase of 14 and there has been no decrease.

The deer and moose also show an increase.

The following is the number of animals now in this park:—

Buffalo	2,920	Moose	18
Elk	84	Antelope	3
Deer (estimated)	397	Cattalo	19

As there was plenty of feed in the large park, the greater part of the buffalo herd was left out to rustle during the winter months and they have come through the winter apparently in as good condition as when fed in winter quarters. Whenever possible, during the fall and winter, the cows with calves by their side and yearlings were cut out of the main herd and placed in winter quarters where they have been fed daily.

COYOTES.

During the year a special effort was made to lessen the number of coyotes in the park which had become a serious nuisance. As other methods had met with indifferent success, it was decided to try the experiment of hunting them with dogs. Some Great Danes owned in the neighbourhood were secured and during the winter a steady hunt was kept up. The results were so satisfactory that the same method will probably be followed next year and it is hoped that eventually we shall be able to rid the park almost entirely of these pests.

VISITORS.

This has been a record year for visitors, due no doubt to motor cars being allowed to enter the park. At the home paddock entrance the records show 4,238 visitors. These were from every province in Canada, from Newfoundland and from 19 of the different states of the American Union. The records kept at the farm and at the Hardisty gate also show a great increase in visitors. The total for the year was nearly 5,000.

APPENDIX No. 8.

ELK ISLAND PARK.

SUPERINTENDENT, ARCHIBALD COXFORD.

The road to the main entrance was repaired this season and some minor repairs were made to the main fence.

The fire-guards were disked in October putting them in good condition for the fall and spring.

A supply of hay sufficient for winter feeding was obtained, chiefly from the vicinity of Goose Lake.

ANIMALS.

The animals are in good condition and wintered well. There was an increase of twenty-seven buffalo during the year and no losses. The elk and moose are also doing well. The total estimate of animals in the park at present is as follows:—

Buffalo	161	Elk (estimated)	106
Moose	52	Deer	115

During the nine months of the year there were 1,710 visitors.

APPENDIX No. 9.

ST. LAWRENCE ISLAND PARKS.

These parks consist for the most part of islands which were purchased from the Department of Indian Affairs a number of years ago.

They are situated in the St. Lawrence river between Brockville and a few miles west of Gananoque and form a part of the beautiful Thousand Islands district.

Only such work as was necessary to preserve the present equipment and to make the parks available for the public was carried on during the year.

Negotiations are under way to secure Doran's island which is situated just opposite the town of Morrisburg. It is a beautiful island and contains approximately 20 acres.

APPENDIX No. 10.

FORT ANNE PARK.

A. L. FORTIER, *Honorary Superintendent.*

This park comprises the site of the old Fort Anne at Annapolis Royal, Nova Scotia. It is one of the historic parks and was created to preserve the original fort which played such an important part in the early history of Canada.

The work in this park comprised chiefly such improvements as were necessary to preserve the old fort buildings and equipment. An old cottage on the fort property at the park entrance was removed.

A new sundial was donated by Colonel Shannon in memory of his ancestor, George Vaughan, who was at the siege and taking of the old fort in 1710.

A start has been made in a collection for a park library and museum and temporary quarters have been provided for them.

There is a caretaker to look after the grounds and building and show visitors around the fort.

PART III.

FORESTRY

REPORT OF THE DIRECTOR OF FORESTRY.

R. H. CAMPBELL.

This report covers the work of the Forestry Branch for the year 1917-18.

During the past year the controllable work of the branch has been kept within as small proportions as possible, consistent with reasonable protection for the forests under its charge. The season was a dangerous one in many parts, through part or the whole of the season, and taxed the vigilance of the staff. On the whole the results seem to show that where the staff is sufficiently organized and equipped the situation in regard to the control of fire has shown marked improvement.

That the expenditure on forestry work in Canada is being kept at a modest figure is shown by a comparison with other countries. The average expenditure on the forest reserves under Dominion jurisdiction in Canada is one and three-quarters cents per acre; while in the United States it is three cents; in India, nine cents; in Sweden, fourteen and a half cents; and in France, one dollar and four cents.

The authority for the control of fires has been very much improved by the amendments to the Forest Fire Acts of the provinces of Manitoba and Saskatchewan, passed last year, providing that during the danger season, from April 1 to November 15, no fires shall be set out for the clearing of lands without a permit from a fire ranger. A cordial co-operation between the Dominion and provincial authorities in a proper and wise enforcement of these acts should greatly decrease the fire losses. The benefit of the permit system has already been found and should increase as it becomes longer established and better known. It is understood that the province of Alberta is considering similar legislation at the present time, and if such legislation is adopted it will bring all the lands under federal administration under the same system in this respect, as the province of British Columbia has had this provision in its Fire Act for some years.

The situation in the British Isles created by the war has drawn special attention to the necessity for wood supplies both for the present war and to assure the position of the country in the future, whether in war or peace, and a sub-committee, on forestry of the Imperial Reconstruction Committee was appointed to consider and report upon the question. This sub-committee has recently presented its report and in it gives consideration to the sources of timber supply, particularly those within the Empire, and urges the imperial importance of the forests of Canada as the main source of supply of coniferous timber within the Empire and the necessity for taking adequate steps for their protection and development. The findings of this report in its relation to Canada are of so much importance and come with such authority that it seems only right to call attention to them in this report in the exact words:—

> "There remains a further question. The United Kingdom derives more than half its imported timber from virgin forests in foreign countries which are steadily being depleted. Canada contains the only large reserves within the Empire. Unless arrangements can be made with the Dominion Government for the effectual conservation of these reserves, it is inevitable that provision should be made within the British Isles on a far larger scale than is here proposed for purposes of defence. We consider that this question should be taken up at once with the Dominion Government.

"The United Kingdom is dependent for more than 60 per cent of its timber on the virgin forests of foreign countries, which are being steadily depleted. The proportion derived from sources within the Empire fell from 22 per cent in 1899 to 10 per cent in 1913. Every year we become more dependent on Russia, which, in 1913, supplied us with nearly half our total imports. We have no means of reckoning how long the virgin forests will last, but unless they are brought under systematic management their exhaustion can only be a question of time. The arguments advanced on this subject by competent students have been supported since 1895 by a steady rise in price. The only large reserves within the British Empire are those in Canada which are rapidly being depleted by fire. The Dominion Government has initiated measures for their protection, but the problem is both large and difficult. It is one in which the United Kingdom has a deep interest since the Canadian reserves are the only source on which the United Kingdom can fall back if supplies from Russia fail. The arrangement prevailing before the war under which the exports from the Canadian forests were absorbed by the United States, while the United Kingdom drew its supplies from Russia, no doubt found much justification in economy of transport, but, unless the Canadian forests can be adequately protected and made available in case of necessity for the United Kingdom, it is certain that the area of timber within the British Isles must be increased far beyond that recommended in the proposals made in the following pages. We commend this Imperial question to the attention of the conference meeting in London. It is urgent because preparations made now cannot mature for many years and unless provision is made now either in Canada, Russia or the British Isles, it is practically certain that the United Kingdom will find timber difficult to procure in sufficient quantities before such preparations can mature."

In view of this report and recommendation it may be stated that as far as Canada is concerned, viewing the matter from the forest side first, what should be accomplished may be summarized under the headings:—

(1) Protection, especially from fire;
(2) Management on proper silvicultural principles;
(3) Replanting;
(4) Forest study and experiment.

Protection has been undertaken in some form by all responsible government agencies in Canada. On none of the territories, however, federal or provincial, are the organization and equipment adequate and efficient for the extent of the work required, partly on account of lack of funds, partly on account of lack of interest resulting from an inadequate understanding of the value of the forests and the danger of the present situation. Considerable has been accomplished but better organization and more adequate provision therefor are required.

The methods of timber operation followed in Canada result in a steady deterioration of the forest stand and condition instead of an improvement in condition and increase in quantity which would result from proper management. Little has been done to improve this condition. Probably more has been done by the federal forest service than by the provincial services, but only on a small proportion of the timber areas operated. Replanting of forest areas is being carried out on a small scale by the Dominion and also by the provinces of Quebec and Ontario, but not to such an extent as will have an appreciable effect on the timber supply.

Forest study and experiment have been only of a desultory character, and incidental to administrative work. At the forest nursery stations of the federal Government and of the provinces of Quebec and Ontario experimental plantations are being studied. The Council for Scientific and Industrial Research of the Dominion Govern-

ment is providing for the establishment of a forest experiment station in Ontario, plans for which are now being made. An advisory committee has been organized by the federal forest service of foresters in the Government services, federal and provincial, in the forest schools, and in the employ of private firms, to consider and suggest plans for forest investigations in Canada, but effective action by this committee awaits the development of the necessary research staff in the federal forest service to give effect to the committee's recommendations.

Viewing the matter from the political side it should be kept clearly in mind that the jurisdiction over the forests of Canada is divided among the various provinces and the federal authorities, and by far the most valuable forests both in extent and quality and as a source of material for export are under the control of the provincial authorities. Concerted action should, however, be possible without interfering with the jurisdiction of the individual governing authorities, and it would be desirable to have formal action taken to bring this about. A formal recognition by the provincial authorities of the advisory committee organized in connection with the Forestry Branch of the Department of the Interior, and the further development of its functions as might be approved, might be a first constructive step in this direction. It might be possible and advisable for such a committee to co-operate or consult with the Imperial Forestry Committee if its functions are continued.

The Federal Government of the United States has developed two methods of co-operation with the state authorities by which the Federal Government assists the states, as follows:—

Under what is commonly known as the Weeks Law, passed in 1909, $200,000 is appropriated from the National Treasury from which payment may be made to aid in forest protection on the watersheds of navigable streams in any state on lines satisfactory to the federal authorities.

The same Act provided for an appropriation of $1,000,000, and for each fiscal year thereafter a sum not exceeding $2,000,000, for use in the examination, survey, and acquirement of lands located on the headwaters of navigable streams. This was intended to apply to lands in states where the state was not financially able to undertake the work. With the consent of the states interested considerable areas on the Appallachian mountains have been acquired under this Act and it is frequently referred to as the Appallachian Law.

The necessity for research work in forestry is being felt more and more, both from the point of view of production and utilization. There is an intimate relation between the two as the possibility of profitable utilization of the products of the forest has a direct bearing on the methods it is possible to adopt to promote better production. Problems of utilization are being worked out by the Forest Products Laboratories, though much more extensive facilities than have yet been furnished for such inquiries are required. With the control of the fire danger becoming effective to a large degree on the more intensively administered forest reserves it is possible to make advances in forest development and management, and special investigations through a series of years are required to determine how far the theoretical principles worked out in other countries can be applied to Canadian conditions if we are to be certain that the plans that are followed are the proper ones and will bring the desired results.

The forest nursery station at Indian Head has been used as an experiment station in planting, various mixtures being used in the sample plantations. Careful measurements and records of the results have been kept and much valuable information has been gathered which will be of great value in developing the replanting work now being done on the forest reserves. In addition to experimentation with Canadian species a number of introduced species from temperate or northern climates have been used, such as Scotch pine (*Pinus silvestris*), cembra pine (*Pinus cembra*), larch (*Larix europea*), and spruce (*Picea excelsa*), from Europe, and Himalaya pine

(*Pinus excelsa*), Japanese larch (*Larix leptolepis*), and spruce (*Picea ajanensis*) from Asia. Of these species Scotch pine has shown the greatest adaptability to Canadian conditions and has made satisfactory development in every respect.

The Honorary Council for Scientific and Industrial Research, in laying out the programme of research work that required development in Canada, included forest research as one demanding immediate attention and recommended an appropriation of $6,000 for making a beginning in such work, and the amount necessary was provided. The council asked this Branch to undertake the work that was to be done, and on consultation with the council it was decided that the establishment of a forest experiment station was advisable and that the tract in the vicinity of Petawawa, placed at the disposal of the Department of the Interior for the purpose by the Department of Militia and Defence should be devoted to this purpose, and that the forest survey to obtain the necessary information in regard to the nature and condition of the tract should be begun and the expenditure provided from the special appropriation. The location of this tract is in the pine district of Ontario and a large portion of the tract was at one time included in timber berths and cut over for pine, so that it gives a good location for the study of the development of this important Canadian species.

The planting of the forest lands has been continued this year on a small scale, plantations aggregating 102 acres having been made on the forest reserves in the prairie districts in Manitoba and Saskatchewan.

The placing of appointments in the outside service of the department under the Civil Service Commission has improved very much the possibility of obtaining properly qualified men for the positions required to be filled, and should in time improve materially the calibre of the force. There is, however, a lack of opportunity for men to obtain proper training for the work of forest ranger previous to appointment, as the forest schools so far established in Canada provide only for the higher technical training. As it is considered desirable that returned soldiers should be given the first opportunity for obtaining employment in the forest service and gaining the necessary qualifications for appointment, arrangements have been made by the Military Hospitals Commission for a forest ranger course for returned soldiers to be given at Vancouver, in which co-operation is being given by the staff of this branch as well as the forest service of the province of British Columbia. The main divisions embraced in the course are (1) elementary surveying, (2) forest management, and (3) forest protection, and these will be covered by lectures and field demonstrations. The instruction will be given by foresters, including two of the inspectors of this branch.

The shortage of coal during the past winter called special attention to the necessity of utilizing as far as possible other sources of fuel supply, including wood. Large quantities of wood are used each year for fuel in Canada. The forest reserve regulations have provided for simple methods of obtaining fuel-wood from the forests, and large quantities have been taken out every year and the quantity markedly increased during the last winter. The regulations were framed, largely, keeping the requirements of the individual settler in view, but with the more active demand for fuel-wood, coupled with the fact that there are on many of the forest reserves extensive burned areas which are not readily accessible, amendments have been made to the forest regulations that will facilitate the taking out of wood from such areas for use in the cities and towns. It was arranged also to co-operate with the provincial authorities in any organization they might form for assisting in the distribution of fuel throughout the western provinces.

In furtherance of the programme of forest development in the British Isles a request was made by the home grown timber committee for seed of a number of species of Canadian trees, mainly species native to the Pacific coast in the province of British Columbia, to be used for reforestation. Considerable time was given during last summer and fall to obtaining the seed required and seed of most of the species needed was secured. Unfortunately, owing to insects attacking the cones no supply of reliable

seed of the two species specially desired, Douglas fir and Sitka spruce, could be obtained.

Another interesting request was received from the Government of New South Wales, which asked the Canadian Government to undertake an investigation of the suitability of certain woods from that state for the making of pulp and paper. This department expressed its willingness to undertake the carrying out of the necessary investigations at the Forest Products Laboratories of this branch, and the Government of New South Wales were advised of the quantity and type of material that would be required for the purpose.

THE WHITE PINE BLISTER RUST.

A great deal of anxiety has been caused by the discovery of the white pine blister rust in Canada, a fungous disease which seriously threatened the growing of white pine in this country. The disease is of the same family as the rust on wheat, and similar in many respects, particularly in having two host plants. In this case currant bushes, particularly black currants, are the hosts in the first stage of the development of the fungus and the white pine in another stage. The effects of the disease are to destroy the young pine. The disease was first observed in Canada in the year 1914 and steps have since been taken to ascertain more in regard to its life history and its spread in Canada. As a result of these investigations undertaken by the Bureau of Pathology of the Department of Agriculture and also by the provinces of Ontario and Quebec, it was found that the disease was widely spread in southern Ontario and had appeared at some points in Quebec.

An international forest conference was called in Washington early in 1917 to consider particularly the danger to the white pine of the United States and Canada on account of the introduction of this rust, and at the close of that season another conference was held in Pittsburg. The conclusions at this conference were that the disease had evidently been present in the United States for some years without having been noticed, that its spread was probably comparatively slow, and that it was found only in the eastern part of the United States and had not yet spread to any of the western white pines. Proposals were made to control the distribution of currant and white pine stock so as to localize the disease, particularly to prevent the distribution of such nursery stock in the western part of the country, where the disease had not yet appeared; to continue the study of the disease; to undertake eradication work only in places where the infected tracts were isolated and there was prospect of reasonable success. It was felt that the complete eradication of the disease was now an impossibility.

In consequence of this situation the matter was considered by representatives of the Canadian Department of Agriculture and Department of the Interior, the Commission of Conservation, the provincial governments, and the Canadian Lumbermen's Association, and it was decided to recommend to the Dominion Government that a committee representing the various interests involved should be appointed to investigate the whole question and that a special appropriation of $25,000 should be provided to deal with the matter. This committee representing the Dominion Government, the provincial governments interested, the Canadian Lumbermen's Association, and the Canadian Nurserymen's Association, met and considered the whole question and it was decided to make the following recommendations in regard to the action to be taken:—

British Columbia.—The shipping of white pine, currants, and gooseberries into this province to be prohibited.

Manitoba, Saskatchewan, and Alberta.—No prohibition at present but the matter to be reconsidered next fall.

Ontario.—Shipment of white pine and black currants to be prohibited north of the line of the Parry Sound branch of the Grand Trunk railway, formerly the Canada Atlantic railway.

Quebec.—The shipment of white pine and black currants to be prohibited north of the St. Lawrence river and west of Quebec City except on the island of Montreal.

New Brunswick and Nova Scotia.—No prohibition.

It was decided that the investigation of the history of the disease, which was carried on by the Bureau of Plant Pathology, should be continued, and that sample areas should be selected in the provinces of Ontario and Quebec, at several different places, so that the action of the disease could be further studied. Two plots were to be established in the western part of Ontario, two in the Ottawa valley, and two in the province of Quebec.

It was also decided that it would be desirable that inspection for the discovery of any cases of the disease should be begun in the provinces of British Columbia, Alberta, Saskatchewan and Manitoba, particularly at points where it was known that shipments of currants were sent out last year or the present year; that inspection should be carried on in the northern part of Ontario, in the part of Quebec north of the St. Lawrence and along the international boundary, and in the province of New Brunswick.

The work will be carried on under the direction of the Bureau of Plant Pathology of the Department of Agriculture under the general supervision of the committee.

STAFF

The total permanent staff of the branch for last year was as follows:—

Head office	36
District inspectors	5
Assistant inspectors and forest supervisors	17
Forest assistants	6
Forest rangers	89
Chief fire rangers	9
Inspectors of tree planting	9
Forest Products Laboratories, technical	15
Outside clerical staff	34
On military leave	43
Total	263

The total number of men who have enlisted is 72.

Word has just been received that Lieut. D. A. MacDonald, of the Royal Flying Corps, who was for a time reported "missing," has been taken prisoner and is in Germany. Mr. MacDonald was forest assistant on the Bow River division of the Rocky Mountains forest reserve.

APPROPRIATION

The appropriation for the year was $650,000. The expenditure was divided as follows:—

Salaries at head office	$ 12,671 01
Salaries of officials on military leave	15,835 44
Travelling expenses	1,485 90
Printing and stationery	11,268 08
Miscellaneous expenses, head office	726 62
Statistics	2,020 75
Fire-ranging	190,469 15
Forest reserves	304,168 55
Tree planting	57,100 69
Forest Products, Laboratories	56,548 21
War appropriation	9,755 82
Total	$662,050 22

NOTE—The item of $9,755.82 shown under "War Appropriation" was drawn from the Forestry appropriation and later refunded, and the remainder of the over-expenditure was covered by refunds by holders of timber licenses of amounts expended on protection of their limits.

The field expenditure, exclusive of tree planting on the prairie farms, is divided as follows among the provinces:—

Manitoba	$ 85,445 93
Saskatchewan	137,457 54
Alberta	177,548 50
British Columbia (Railway Belt)	94,185 73
Total	$494,637 70

LIBRARY

The awakening recognition of the importance of research work in all lines of activity has given additional importance to the library of the branch. Room for research work in forestry is very large and the work of research naturally begins in the library by way of investigation of work already accomplished along the projected lines. Hence the necessity of having on hand the records of all work accomplished throughout the world up to the latest possible time.

During the year about four hundred books and pamphlets were added to the library and, as usual, were carefully indexed as were also the extracts from the technical publications received. The number of new photographs added to the collection of forestry pictures was considerably smaller than in past years, owing to the fact that forest survey work was so greatly reduced. Sets of lantern slides for the various district inspectors' offices were completed and a lecture was also prepared to accompany them. Each of the district offices now has a set of slides which it is hoped may be of considerable assistance in extending information on forestry and the aims and methods of forest administration.

PUBLICATIONS

The endeavour in preparing the publications of the branch has been to secure the greatest amount of efficient publicity at the lowest cost. To this end all publications are carefully edited to see that all material admitted is the most suitable for the purpose. The steady demand for these bulletins proves that Canadian producers, exporters, and transportation companies find them of value in their work. A good deal of attention has been devoted to supplying information to Canadian newspapers, which are always alert in giving warning against forest fires and in assisting in the protection of the great natural resource represented by our forest. The experiments made in new forms of posters, warning all woodsmen against the careless use of fire, have resulted in bringing out some very effective posters which are weatherproof and portable. The search for the ideal poster is being continued. During the year the following publications in pamphlet form were issued:—

Bulletin No. 58. Forest Products of Canada, 1915 (French edition).
" 60. Canadian Douglas Fir: Its Mechanical and Physical Properties.
" 61. Native Trees of Canada.
" 62a. Forest Products of Canada, 1916: Lumber, Lath and Shingles.
" 62b. Forest Products of Canada, 1916: Pulpwood.
" 62c. Forest Products of Canada, 1916: Poles and Cross-ties.
" 62d. Forest Products of Canada, 1916: Directory of Saw-mills.
" 62. Forest Products of Canada, 1916. (Being a combination of Bulletins 62a, 62b, 62c and 62d.)
Pamphlet, "Advice to Settlers Regarding Handling of Fire."

STATISTICS

As the Bureau of Statistics of the Department of Trade and Commerce is taking a census of industries for the year 1917, which will include the figures of production, this branch has not undertaken the usual collection of the statistics of forest products except as regards poles and cross-ties which it was thought we could better handle for

the year. No statistics of production for 1917 will therefore be issued by this branch and for subsequent years the collection and publication of the figures will probably be made by the Bureau of Statistics. This branch will however co-operate in the preparation of the forms and reports and in any other way possible and will carry out any special statistical studies that may be found necessary.

TREE PLANTING

The planting of trees on the farms in the prairie districts has become so thoroughly established and the results are so generally successful that there is little that it is necessary to remark specially. There have been, since the inauguration of the tree distribution, 45,357,146 trees distributed for planting on the farms, but that there is still a great field of development to be covered is indicated by the recent criticism of an eastern journalist, travelling by rail through the western prairies, that he could not see much evidence of where these trees were planted. All of these trees were planted on farms and 85 per cent or more of them are growing successfully, but there is room and necessity for as large a distribution for many years yet.

The number of trees distributed to farmers in 1917 was 8,400,000, the largest in the history of this work, and these were distributed to 4,561 applicants. Owing to poor seed conditions in 1916 and an unfavourable year in 1917 the supply available for distribution in 1918 is considerably smaller. The number of coniferous trees sent to farmers in 1917 was 158,616. The dry season was not favourable to the evergreens and they suffered considerably.

A supply of coniferous trees for planting on the forest reserves was also grown at Indian Head, and plantations were made on several small reserves in the prairie districts.

FIRES.

The season of 1917 was very dry in the southern part of the Prairie Provinces, especially in the spring and early summer, but in the northern portion the conditions of moisture were generally better, though similar conditions to those in the south seemed to prevail westward. In the Rocky mountains the spring was wet but was followed by a dry and dangerous time in July. In British Columbia there was considerable variation in the spring but the summer and fall were very dry and there were many fires, especially in the southern part of the province. On the whole the season was one that required great alertness, and that the fires were generally so well held gives some confidence that the protective organization is becoming increasingly effective and may soon be in a position to deal efficiently with any situation that may arise.

There have been serious losses during the season, however, especially of young trees. In one case some 14,000 acres, with considerable young growth scattered over it, was burned, as a result, solely, of the incompetence of the forest ranger, whose services have fortunately since been dispensed with. This illustrates how easily the work of a good protective organization may be nullified by the unsuitability of one man. In every other district in the reserve referred to the fires were prevented from entering, or were extinguished immediately. In another case some 20 acres on a forest reserve were planted with young trees and 2,000 acres of young growth were burned over, making a net loss in the young stand, for the year, of 1,980 acres. These fires could not be attributed to lack of watchfulness on the part of the rangers, but are indicative of a lack of proper public opinion and care, for which to some extent the rangers must be held responsible although the process of education of the public is a slow and difficult one and the view that the only permanent wealth of the country is agricultural is hard to eradicate.

The total number of fires during the year was 1,085, as compared with 891 in 1916 and 1,706 in 1915. The number of these fires that burned over an area of ten acres or more, was 348, as compared with 146 in 1916, and 482 in 1915. The total area burned over was 616,682 acres, classified in part as 106,849 acres of merchantable timber, and 116,107 acres of young growth. The quantity burned was 34,373,000 feet board measure and 965,869 cords. The average area of the fires over ten acres was 1,770 acres.

The causes of fires are indicated in the table hereunder. The number of fires is shown for 1917 only, but the percentage due to each cause is shown for the last three years for the purpose of comparison.

	No. of Fires.	Percentages. 1917.	1916.	1915.
Unknown	348	32	30	30
Campers and travellers	199	18	20	33
Settlers	242	22	18	15
Railways	183	17	20	13
Lightning	40	4	7	4
Lumbering	28	3	3	2
Incendiary	25	2	1	1
Brush disposal (other than by settlers)	12	1	...	...
Other causes	8	1	1	2
Totals	1,085	100	100	100

FIRES AND RAILWAYS.

The inspection of the patrols along the lines of railway was carried out by one permanent inspector and eight temporary inspectors. The patrols on the railways under the jurisdiction of the Dominion Board of Railway Commissioners were furnished by the railway companies, but on the railways owned by the Dominion Government the patrol was provided by this branch, there being eight patrolmen employed. On the whole the companies looked well after the clearing of the right of way, especially in view of labour conditions, and the patrols were well maintained. Some defects in these respects were called to the attention of the companies. The locomotives were inspected regularly and were generally found in good condition. Out of 281 inspections 29 locomotives were found defective. The number of fires on Dominion lands, attributable to railways, was 183, or 17 per cent of the total number.

It would be of considerable advantage if the railways through Dominion lands, which are constructed under provincial charters, were brought under regulations similar to those established by the Dominion Board of Railway Commissioners.

FOREST RESERVES.

The forest reserves include an area of 23,024,640 acres, and the permanent staff employed theron is: District inspectors, 4; supervisors, 13; forest assistants, 5; forest rangers, 98; total, 120. The staff is smaller than is necessary for proper management, but under present conditions any increase in numbers can hardly be made. In fact it has somewhat decreased owing to the withdrawal of men required for the army, and resignations resulting from the offer of more remunerative positions in provincial forest services. The temporary staff of rangers on the reserves numbered 67.

Improvements.—The improvement work on the forest reserves was kept down to as low a point as possible, consistent with the need for protection and the proper utilization of the services of the staff during the periods when active patrol and fire-fighting were not required. The system of improvements has been planned carefully so as to be economically constructed and permanent. There yet remains a very large

programme of improvements to be carried out in order to give proper protection to the forests in the reserves. Following is a statement of the improvements completed during the year, with the total and average cost, including the cost of labour by forest rangers:—

Class of improvements—			Total.	Average.
Cabins	Number.	13	$ 3,085	$ 237
Houses	"	6	8,024	1,337
Stables	"	9	1,932	215
Lookout towers	"	3	455	152
Other buildings	"	20	4,339	217
Bridges	"	2	2,681	1,340
Telephone lines	Miles.	248	28,393	114
Fireguards ploughed	"	104	766	7
" cleared	"	21	652	31
Roads	"	36	4,525	125
Trails	"	151	10,556	70
Miscellaneous projects, such as fences, etc.			3,809	
Total			$69,217	

Timber operations.—There has been a considerable increase in the timber operations on the forest reserves, partly due to the increased demand for lumber by the farmers and partly to the requirements for fuel which were not met by the coal supplies available. The regulations in regard to dead timber, of which unfortunately there are large areas on the reserves as a result of fires, were amended in view of these conditions so as to greatly facilitate the removal of such material. The number of permits issued was 3,613 and the quantity cut thereunder was 6,862,983 feet board measure, 38,669 cords, and 763,016 lineal feet. The number of free permits was 1,851. There were sixteen millsite locations for cutting under settlers' permits occupied on the reserves in the prairie districts. These have been a great convenience to the settlers, who could thus get their logs sawn conveniently in the forest and needed to haul out only the lumber. While the quantities cut under permit have largely increased the quantities reported under seizures are steadily decreasing, apparently indicating that the observance and enforcement of the regulations are steadily improving.

Operations were carried on during the past year on eighteen sales, four of which were made during the year. The cut of saw-timber on such sales was 4,149,125 feet board measure and that of mine props and lagging 1,720,107 lineal feet.

The operations are being conducted with much more care than in the past. The disposal of debris is more thorough and the protection of seed trees and young growth more carefully carried out. The prospects in this respect are very hopeful. Unfortunately, the good results obtained are nullified to a large extent by the slash left on neighbouring operations that are not properly supervised. This was specially demonstrated in the large fire that occurred in the Crowsnest valley.

Fires.—There were 159 fires on the forest reserves, as compared with 43 fires in 1916, and 205 fires in 1915. Eighty-three of these fires, 52 per cent, burned over more than ten acres each. The total area burned was 196,519 acres, of which 23,043 acres were covered with merchantable timber and 44,139 acres with young growth.

A statement of the causes of fires on forest reserves in 1917 and a comparison by percentage with the three previous years is attached:—

Causes.	No. of Fires.	Percentage.		
		1917.	1916.	1915.
Unknown	50	31	35	34
Campers	33	21	17	22
Settlers	29	18	14	24
Railways	22	14	17	9
Lightning	8	5	4	2
Lumbering	5	3	9	
Incendiary	6	4	2	6
Brush disposal (other than by settlers)	1	1		2
Other causes	5	3	2	1
Total	159	100	100	100

Forest Nurseries.—Small nurseries for the supply of trees for reforestation have been started on several of the reserves in the prairie districts. These reserves are the Pines and Moose Mountain in Saskatchewan, the Spruce Woods in Manitoba, and the Cypress Hills in Alberta. These nurseries are not intended to supply more than the local necessities and at present consist of only a few beds of seedlings which can be looked after without a special organization for the purpose. A large part of the stock for replanting has been furnished from the forest nursery station at Indian Head. It will probably be necessary, as soon as it can be undertaken, to provide for an extension of the nurseries on the forest reserves, if the restocking of them is to be accomplished.

The plantations set out during the year aggregated about 100 acres, the trees being placed generally about four feet apart each way. The species used were spruce, jack pine, and Scotch pine. The season was dry and windy and therefore unfavourable to success, and there was a considerable loss of stock in the plantations. Arrangements have been made for stock to fill up the places where the seedlings died.

Grazing.—The number of permits for grazing stock during the year was 516, and the total number of stock grazed was 27,891, of which 18,774 were cattle, 2,498 horses, and 6,600 sheep. The number of stock grazing on the reserves is considerably larger than the figures show, as there are large numbers grazing on the forest reserves in British Columbia on which the grazing regulations are not put into force and in regard to the stock on which there is, therefore, no record. The number reported shows a considerable increase over the previous year.

The grazing on the small reserves scattered throughout the prairie country has been a great advantage to the farmers living in the vicinity and has assisted materially in the development of the stock industry in the districts in which they are located. Considerable further development may yet be made.

During the year 6,600 sheep were grazed on the forest reserves, mainly in the Livingstone valley in southern Alberta. The conditions for sheep grazing in this valley are very satisfactory and the stock were taken off the range in good condition. The chief difficulty in the development of sheep grazing is the lack of facilities for getting the sheep from their winter grazing grounds to the range in the mountains. Driving or rail haul for long distances is necessary and adds to the cost, while it may affect more or less the condition of the stock.

The extent to which the grazing on the reserves is being used and the increasing demands for it make necessary at the earliest possible time a careful study of the range and its possibilities of development, but that cannot be undertaken under present staff conditions.

Fish.—The fishing resources of the forest reserves are contained for the most part in relatively small bodies of water which will not admit of net fishing to any considerable extent. The exception to this is found in the northern reserves, some of which contain fairly large lakes, in which net fishing has been carried on for years past. Provision has been made for a continuance of net fishing in these more remote northern reserves, but it has been considered that in the small reserves lying closer to settlement a policy which provided for angling and trolling alone would be the only policy that would insure a continuous and increasing supply of good food and provide good recreation. During the year demands were made in some of the newspapers that netting be allowed in these small reserves so as to relieve the local food situation, and in one case a request was made that the fishing season be extended. Careful enquiry was made in these cases and it was found that in no instance could the demands be acceded to without impairing the future productivity of these waters. Further, it was found that in no case was the food situation so serious as to warrant the adoption of the rather drastic measures proposed.

The forest rangers have been active in their efforts to prevent illegal fishing, and all prohibited fishing appliances have been confiscated wherever discovered.

While fishing without a permit by resident British subjects is allowed in those waters which are not frequented by trout, grayling or Rocky Mountain whitefish, permits are required to fish in trout waters and a large number of such permits have been issued during the year.

The policy of regulated fishing is already having noticeable results in some of the forest reserves in the increasing number of fish taken, and it may reasonably be expected that a continuation of this policy will improve the fishing on all of the reserves.

Game.—Reference has been made in previous reports to the Stony Indians, a number of whom have located on the Kootenay plains on the North Saskatchewan river, in the Clearwater division of the Rocky Mountains forest reserve. The location is not suitable for agriculture and would not yield the Indians a living without recourse to hunting. As these Indians are persistent and skilful hunters their activities have resulted in a serious decrease in the game of that region, and complete extermination of the game is inevitable unless these Indians return to their reserve. It is satisfactory to note that at the last session of Parliament an appropriation was made to cover the cost of the removal of these Indians, and an effort will shortly be made by this department and the Department of Indian Affairs to have them transferred to the Stony Indian reserve.

The half-breeds at Grande Cache, in the Athabaska division of the Rocky Mountains forest reserve, have also proven themselves the most destructive enemies of the game in the country surrounding their location. The report of a party which recently travelled through this vicinity in the interests of the Smithsonian Institute, stated that one of the greatest curses of the north country game is the half-breeds who recognize no game laws and have practically exterminated big-horn sheep.

In addition to their destructive inroads on the game these half-breeds refuse to conform to the grazing regulations, and, as it is found impossible to compel the white people to recognize the regulations while the half-breeds are allowed to ignore them, the grazing regulations are practically suspended in so far as the Athabaska forest is concerned. It has long been recognized that the only effective remedy is the removal of the half-breeds to another location, but as this action was opposed by the provincial authorities, measures which had been adopted to secure their removal from the reserve were dropped. It is hoped, however, that as the situation develops some way will be found of dealing with the matter.

The forest rangers have continued to co-operate with the provincial authorities in the protection of game on the areas in forest reserves which have been proclaimed

game preserves, and have assisted in seeing that the hunting laws were observed on the areas where hunting in season is permitted. A few prosecutions were made for illegal hunting.

The Alberta government proclaimed a close season from November 1, to December 31, 1917, on all game in that portion of the Cypress Hills forest reserve which lies in Alberta. This is the first instance where the Alberta government has passed prohibitory regulations in regard to game on forest reserves, but there is no reason why game preserves may not be proclaimed by the province in forest reserves where conditions make such action advisable. Previously, hunting has been prohibited by the province in Dominion parks only.

FIRE-RANGING OUTSIDE FOREST RESERVES.

The forested areas, outside of the lands examined and included in forest reserves, are patrolled by temporary fire rangers under the supervision of chief fire rangers, who are generally permanent officers. The extent of territory to be covered, approximately 132,000,000 acres in the provinces of Manitoba, Saskatchewan, and Alberta, and 6,000,000 acres in British Columbia, makes it necessary to have large patrol districts, there being 126 in the former, averaging 1,047,000 acres, and 58 in the latter, averaging 107,000 acres. In the more northern districts, where patrol is made by canoes, the rangers generally have a canoeman to assist.

While there is not much money available for improvements in these districts the rangers have done considerable in clearing trails and canoe routes, erecting cabins and lookout towers to facilitate the protection of their districts. The rangers are fighting against heavy odds but on the whole they have taken hold of the work actively and are securing some success and a measure of popular support. Some rangers, unfortunately, were not well fitted for the work and have weakened the organization at important points.

The number of chief fire rangers employed was 11, and of fire rangers and assistant rangers 226. The number of fires was 926, as compared with 848 in 1916 and 1,501 in 1915. The total area burned over was 420,163 acres, of which 83,806 acres carried 25,619,000 feet board measure of timber and 849,771 cords of wood; and 71,968 acres were covered with young growth.

The causes of the fires outside the forest reserves were as follows:—

Causes.	No. of Fires.	Percentages.		
		1917.	1916.	1915.
Unknown	298	32	30	31
Campers	166	18	20	34
Settlers	213	23	19	13
Railways	161	17	20	14
Lightning	32	4	7	4
Lumbering	23	3	3	2
Incendiary	19	2	*	*
Brush disposal (other than by settlers)	11	1	*	*
Other causes	3	*	1	2
Total	926	100	100	100

*Less than one-half of 1 per cent.

FOREST SURVEYS.

The only survey carried out during the year was that on the military reservation at Petawawa. Owing to the late date at which the appropriation for the survey became available, and to difficulties in getting a party organized, the survey did not begin until August 1. As a consequence the survey was completed on only about one-third of the tract but, with a full season's work during the coming year, it is hoped to have the whole area covered.

The soil over the portion examined is generally light, becoming pure sand in some locations, and in some parts there is a rocky subsoil. There are also considerable areas of muskeg. The types of forest cover vary considerably but a great part of the reserve is covered with an even-aged growth of from 40 to 60 years of age. This is not a virgin stand, being largely natural reproduction following extensive logging operations of 30 to 50 years ago. There is little mature timber and few pure stands and the reproduction has a rather large predominance of hardwood species. Ash, elm, oak, maple, birch, and other hardwoods occur, and white and red pine, jack pine, and spruce among the conifers. There are some pure stands of pine of the different species occurring over small areas. The forest cover as a whole is very typical of the vast areas of cut-over lands now existing in the provinces of Ontario and Quebec; hence the district, presents an admirable area whereon experiments may be made and theories tested and worked out to conclusions which may solve the problem of the best methods of utilization of such lands which are now over large areas producing little or nothing of value.

FOREST PRODUCTS LABORATORIES.

The Forest Products Laboratories have suffered severely by reduction of staff. A considerable number enlisted in the army early in the war, but latterly the demand for technical men has become so great that a large part of the remaining staff has been drawn into work for private firms in positions more remunerative than those offered in the Government service. This situation raises a serious question as to the future status of the work of scientific research, so important for the development of the industries of the country and the proper utilization of its resources. The pulp and paper division being one of those that have suffered most severely on account of the loss of men, the advisory committee appointed by the technical section of the Canadian Pulp and Paper Association, realizing the seriousness of the situation, have taken up with the firms engaged in the industry a proposition for financial assistance to this division of the laboratories, at least for the war period, so that it can be properly manned and the work carried on efficiently. It is expected that such a formal proposition will shortly be made. This will involve a scheme of co-operation in the conduct of the laboratories on the lines which seem to be favoured by the Imperial Research Department and by the Canadian Honorary Council for Scientific and Industrial Research.

The main projects under way have been continued. The compilation of the literature from all languages on waste sulphite liquor has been completed and the material submitted for publication. This will be a very valuable reference work on the subject and may lead toward the utilization of material which not only is now waste but is actually injurious in streams into which it is turned. The manufacture of alcohol for war purposes from such waste liquor has been discussed with several pulp and paper firms and it is possible that arrangements may be made for starting such manufacture. The investigation of the chemistry of pulpwoods is proceeding and much valuable information has been obtained that will give direction for the best methods of chemical treatment of such woods. In wood preservation a simple and satisfactory method for the impregnation of hemlock and jack pine, woods not of long life and now used so largely for railway ties in Canada, has been worked out. Generally progress has been made and good work done so far as equipment in men and machinery would permit.

The completion of sets of specimens of Canadian woods made it possible to furnish such sets to a number of educational institutions, particularly technical schools.

A request was made by the Imperial Munitions Board for co-operation in the testing of timbers at Vancouver for aeroplane construction, and after discussion of the whole situation, and in view also of the possibility of the establishment of a permanent testing station and forest laboratory at Vancouver, an arrangement was reached and has been approved that a plan of co-operation for the testing work required should be carried out between the Imperial Munitions Board, the University of British Columbia, and the Department of the Interior. Under this arrangement the university will provide the necessary accommodation and the Imperial Munitions Board will furnish the necessary staff except the superintendent and this department will provide the superintendent and will also furnish the equipment.

STATEMENT of Revenue, Forestry Branch, Fiscal Year, 1917-18.

Reserve.	Timber Sales.	Timber Permit Fees and Dues.	Timber Seizures.	Grazing Fees and Trespass Dues.	Hay Permit Fees and Seizures.	Surface Rental.	Special Uses.	Nursery Stock.	Unclassified.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Turtle Mountain		69 45		1,254 25	139 95	85 00	0 25		76 00	1,624 90
Spruce Woods		25 50		441 75	61 85					529 10
Riding Mountain	278 25	10,764 67	707 37	319 25	506 60	11 60	605 75		5 00	13,198 49
Duck Mountain		3,266 70	275 36	117 50	195 20	135 00	3 50		0 25	3,993 51
Moose Mountain		344 50	69 70	155 75	300 55	65 00	1 50			937 00
Beaver Hills		243 90		110 85	195 30		3 00			553 05
Porcupine	509 24	897 53	59 20	51 50	178 00		79 50			1,774 97
Pasquia	1,976 98	2,239 02	124 10	8 30	16 40		3 25			4,368 05
Fort à la Corne	185 14	392 14	21 50				50 00			648 78
Pines		414 80		58 70	93 40		2 00			568 90
Nisbet		481 56	76 00	25 20	27 05		0 75			610 56
Big River	975 64	3 25	175 00	38 85	42 50		1 75			1,236 99
Steep Creek		35 55	18 00							53 55
Sturgeon		33 70			22 45		2 25			58 40
Keppel		189 45		214 70	30 95		3 00			438 10
Manito		79 00		656 50	54 95		7 75			798 20
Dundurn		1 50		152 15	3 75		2 50			159 90
Seward				221 25	37 75		3 00			262 00
Elbow		12 25	1 50	351 10	101 90		6 25			473 00
Cypress Hills	31 74	518 65	3 00		524 50	30 00				1,107 89
Cooking Lake		321 50	122 80	131 40	200 55					776 25
Crowsnest	4,820 87	614 79	91 70	2,780 26	50 50	53 55	24 75			8,436 42
Bow River		151 42	7 04	1,527 29	62 40	42 79	27 75			1,818 69
Clearwater	5,454,48	230 75		48 90	17 75	60 01	99 75		73 60	5,985 24
Brazeau	2,637 06	837 94	331 57		10 25	40 00	99 25			3,956 07
Athabaska				10 95	1 45					12 40
Lesser Slave	50 00	0 25			2 00				0 25	52 50
British Columbia Reserves	50 00	462 45	223 78	30 27	13 35	93 40	62 00			935 25
Indian Head								2,044 00	1,452 90	3,496 90
Total	16,969 40	22,632 22	2,307 62	8,706 67	2,891 30	616 35	1,089 50	2,044 00	1,608 00	58,865 06

STATEMENT of Timber Permits issued on Forest Reserves in the Fiscal Year, 1917-18.

Reserve.	No. of Permits.		Kinds and Quantities of Timber Authorized to be Cut.							Dues and Fees.
	Free.	Paid.	Poles or Rails.	Fence Posts.	Saw Timber.	Mine Timber.	Building Logs.	Fuel Green.	Fuel Dry.	
					Ft. B.M.	Lin. Ft.	Lin. Ft.	Cords.	Cords.	$ cts.
Turtle Mountain	72	15	.....	1,350	11,000	.....	1,440	.....	1,913	69 45
Spruce Woods	47	4	.....	.....	.....	.....	.....	.....	769	25 50
Riding Mountain	528	688	4,725	54,207	4,168,205	.....	60,549	433	7,147	10,756 72
Duck Mountain	238	207	4,800	16,975	1,342,298	.....	24,867	5	3,372	3,266 45
Moose Mountain	21	117	1,640	6,625	1,200	.....	5,360	555	496	344 50
Beaver Hills	78	2	.....	.....	21,768	.....	2,200	.....	805	31 00
Porcupine	122	41	14,600	11,800	1,069,177	.....	31,800	.....	565	888 23
Pasquia	11	55	4,800	19,789	27,250	.....	3,000	.....	5,622	2,226 80
Fort à la Corne	95	65	17,274	9,955	152,139	.....	41,443	.....	1,206	392 14
Pines	13	29	1,830	4,860	175	.....	6,215	200	930	414 80
Nisbet	59	41	.....	2,911	45,571	.....	3,000	.....	1,955	343 81
Big River	13	.....	500	600	.....	.....	.....	.....	235	3 25
Steep Creek	10	9	.....	1,050	1,400	.....	260	.....	323	35 55
Keppel	99	93	7,165	2,300	2,500	.....	26,150	470	1,295	189 45
Sturgeon	9	4	8,050	1,330	.....	.....	7,450	.....	80	33 70
Elbow	9	.....	.....	.....	.....	.....	.....	.....	61	2 25
Manito	25	30	4,900	1,225	.....	.....	2,000	153	436	79 00
Dundurn	6	.....	.....	.....	.....	.....	.....	.....	150	1 50
Cypress Hills	175	175	78,962	30,410	.....	.....	50,100	239	2,399	518 65
Cooking Lake	40	33	200	1,800	7,800	50,000	20,900	.....	1,007	321 50
Crowsnest	116	80	15,958	10,820	12,500	90,800	24,492	8	2,553	614 79
Bow River	26	26	50,88	2,890	.....	.....	6,265	.....	740	151 42
Clearwater	22	12	.....	.....	.....	23,000	800	.....	713	230 75
Brazeau	8	9	63	.....	.....	254,000	4,938	.....	150	837 94
Athabaska	1	.....	.....	.....	.....	.....	100	.....	.....	0 25
British Columbia Reserves	8	27	200	250	.....	1,092	20,795	.....	1,714	462 45
Total	1,851	1,762	170,755	180,947	6,862,983	418,892	344,124	2,063	36,636	22,241,85

STATEMENT of Grazing Permits issued in the Fiscal Year, 1917-18.

Reserve.	No. of Permits.	Number of Stock.				Dues and fees collected.
		Cattle.	Horses.	Sheep or Hogs.	Total.	
						$ cts.
Turtle Mountain	87	1,221	125	.....	1,346	1,254 25
Riding Mountain	14	705	23	.....	728	261 50
Duck Mountain	7	542	2	.....	544	117 50
Spruce Woods	26	367	38	553	958	441 75
Moose Mountain	21	560	30	.....	590	150 75
Porcupine	8	235	18	.....	253	51 50
Pasquia	2	26	15	.....	41	8 30
Pines	5	221	14	35	270	58 70
Beaver Hills	12	357	10	.....	367	110 85
Nisbet	6	72	8	7	87	25 20
Keppel	49	778	91	.....	869	214 70
Big River	3	424	3	.....	427	38 85
Manito	54	1,860	280	24	2,164	656 50
Elbow	52	1,170	135	.....	1,305	351 10
Seward	18	320	131	.....	451	221 25
Dundurn	8	455	83	.....	538	152 15
Crowsnest	70	5,525	699	6,000	12,224	2,780 26
Bow River	53	3,420	668	.....	4,088	1,527 29
Clearwater	5	79	64	.....	143	48 90
Athabaska	3	.....	34	.....	34	10 95
Cooking Lake	13	437	27	.....	464	131 40
Total	516	18,774	2,498	6,619	27,891	8,613 65

TIMBER Cut on Forest Reserves under authority of Timber Sales in the Fiscal Year, 1917-18.

Reserve.	Previous Sales still operating.	Sales made Current Year.	Saw Timber.	Mine Timber.				Dues collected.
				Props.	Props.	Lagging.	Lagging.	
			Ft. B.M.	Ft. B.M.	Lin. Ft.	Cords.		$ cts.
Fort à la Corne	1	.....	57,639	.....	.....	.....	.....	36 71
Pasquia	1	2	359,477	.....	.....	.....	.....	50 00
Porcupine	1	1	52,164	.....	.....	.....	.....	105 49
Big River	1	.....	401,881	.....	.....	.....	.....	975 64
Cypress Hills	1	.....	38,989	.....	.....	.....	.....	31 74
							Ft. B.M.	
Crowsnest	6	.....	333,718	.....	529,189	2,245	591,501	2,238 87
Clearwater	1	.....	319,922	1,719,618	.....	606	.....	5,451 48
							Lin. Ft.	
Brazeau	2	1	.....	274,216	319,188	223	871,730	1,457 74
Total	14	4	1,563,790	1,993,834	848,377	3,074	.....	10,350 67

STATEMENT showing the quantity of Timber Sold and Revenue Due during Fiscal Year ending March 31, 1918 on License Timber Berths within Dominion Forest Reserves.

MANITOBA.

Forest Reserve.	Timber Berths.	Area in Reserve.	Quantities Sold.			Revenue.		
			Lumber.	Lath.	Other* Products	Dues. Payable.	Rent Payable.	Total Payable.
	No.	Sq. Mls.	Ft. B.M.	No.		$ cts.	$ cts.	$ cts.
Riding Mountain..	4	4,443	325,000	.....	.....	85 00	222 15	307 15
Duck Mountain....	11	9,998	8,706,135	3,537,600	12,650	5,243 25	499 90	5,742 90
Total.....	15	14,441	9,031,135	3,537,600	.....	5,328 25	722 05	6,050 05

SASKATCHEWAN.

Porcupine and Pasquia.....	48	98,904	22,233,974	5,303,650	30,623	12,454 54	4,886 90	17,341 44
Sturgeon.....	12	17,778	49,066,934	12,290,900	.....	28,847 78	891 33	29,739 11
Big River.....	3	26,077	18,585,758	5,571,850	.....	3,930 38	1,303 85	5,234 23
Nisbet and Pines..	5	11,680	.....	.....	12,319	793 12	173 15	966 27
Total.....	68	154,439	89,886,666	23,166,400	.....	46,025 82	7,455 23	53,481 05

ALBERTA.

Crowsnest.....	12	25,919	7,282,110	.....	722,117	4,089 07	1,295 95	5,385 02
Bow River.....	16	37,444	3,867,319	949,850	149	1,887 43	1,860 95	3,748 38
Clearwater.....	4	37,756	.....	.....	.....	.....	1,887 80	1,887 80
Brazeau.....	12	22,626	929,323	.....	10,000	553 71	1,131 30	1,685 01
Total.....	44	123,745	12,078,752	949,850	.....	6,530 21	6,176 00	12,706 21

BRITISH COLUMBIA.

British Columbia Reserves Total..	11	13,357	.....	.....	.....	.....	667 85	667 85
Grand Total.....	138	305,982	110,996,553	27,653,850	.....	57,884 28	15,021 13	72,905 16

* The figures in this column indicate the number of units upon which the dues were collected. They include the following: 2,646 cords of wood, 10,875 fence-posts, 12,650 pieces of driftwood, 2,002 lineal feet of boom timber, 27,855 lineal feet of pilling, 721,830 lineal feet of mine timber, and 10,000 railway cross-ties.

PART IV

IRRIGATION

IRRIGATION

REPORT OF THE SUPERINTENDENT OF IRRIGATION.

E. F. DRAKE.

The past year has shown little development work in connection with irrigation. The high cost of labour and material has, naturally, discouraged construction work. The farmers have, generally, concentrated their efforts upon increased production of cereals, which are more easily and less expensively grown, and which require less labour than irrigated crops. The good yields for the past three years, coupled with the prevailing high prices, have amply justified this course.

A comparison of the acreage under cultivation for cereals in the years 1915 to 1917, inclusive, with the yield per acre and the price per bushel, is interesting. In Alberta the area sown to wheat increased in each of these years but the total yield decreased slightly for 1916 and considerably for 1917. In each case, however, the increased price more than compensated for the decreased yield. The 1917 crop of 18 bushels per acre, at an average price of $1.74 per bushel, was even more profitable to the producers than the bumper crop of 1915, at 31 bushels per acre and 88 cents per bushel. The yield of wheat per acre decreased in close relation to the rainfall during the crop-producing season. Oats and barley showed a steady increase in area and value during this period, although the per acre yield in 1917 was about 25 per cent less than in 1916.

In Saskatchewan the area of wheat under cultivation increased slightly for 1916, but decreased appreciably for 1917, while the total yield decreased each year. Owing to the prevalence of rust in 1916, the total yield was so reduced that the total value also showed a decrease, but, with a still further decrease in yield in 1917, the value of the crop was a maximum for the three-year period. Oats and barley showed a steady increase in area and value, but the total yield of oats for 1917 showed a decrease.

The following tables are based upon the best obtainable information. The "normal prices" are estimated, and are, possibly, rather high, but precise information of average prices for past years is not readily obtainable:—

TABLE showing Yields of Wheat, Oats and Barley, in Alberta, for the years 1915, 1916 and 1917.

Crop and Year.	Yield per Acre.	Average Price per Bushel.	Average Price per Acre.		Yield per Acre.	Rainfall at Calgary, April to August.	
	Bush.	$	$	%	%	Inches.	%
Wheat—							
Normal	22·5[1]	1·00[2]	22·50	100	100	11·56[3]	100
1915	31·12	·88	27·39	122	138	12·27	106
1916	24·99	1·33	33·24	148	111	8·93	77
1917	18·25	1·74	31·76	141	81	6·63	57
Oats—							
Normal	42·00[1]	·34[2]	14 28	100	100		
1915	45·91	·31	14·23	100	109		
1916	48·11	·46	22·13	155	115		
1917	34·00	·63	21·42	150	81		
Barley—							
Normal	28·25[1]	·50[2]	14·12	100	100		
1915	32·31	·44	14·22	101	114		
1916	29·04	·71	20·62	146	103		
1917	22·00	·98	21·56	153	78		

[1] Average for 10 years, 1908-1917. [2] Estimated. [3] Average for 30 years, 1885-1914.

TABLE showing Yields of Wheat, Oats, and Barley, in Saskatchewan, for the years 1915, 1916 and 1917.

Crop and Year.	Yield per Acre.	Average Price per Bushel.	Average Price per Acre.		Yield per Acre.	Rainfall at Swift Current from April to August.	
	Bush.	$	$	%	%	Inches.	%
Wheat—							
Normal	18·50[1]	1·00[2]	18·50	100	100	10·00[3]	100
1915	25·12	·91	22·86	124	136	10·14	101
1916	16 34	1·28	20·92	113	88[4]	14·09	141
1917	14·25	1·95	27·79	150	77	5·12	51
Oats—							
Normal	38·25[1]	·34[2]	13·00	100	100		
1915	43·48	·32	13·91	107	114		
1916	43·06	·46	19·81	152	113		
1917	27 25	·62	16·90	130	71		
Barley—							
Normal	26·75[1]	·50[2]	13·38	100	100		
1915	31·74	·46	14·06	109	119		
1916	27·00	·77	20·08	155	101		
1917	21·00	1·00	21·00	157	79		

[1]Average for 10 years, 1908–1917. [2]Estimated. [3]Average for 30 years, 1885–1914.
[4] Results affected by rust.

It is apparent from the reports received from our inspecting engineers, that irrigation development is not progressing satisfactorily in southern Alberta and south-western Saskatchewan. A great deal of time and money has been spent in the construction of "irrigation works," that is, in canals and ditches for conveying water to the land. This money has not been wasted. Such works are necessary, as without them the land cannot be irrigated, but they alone are not sufficient to produce really beneficial results. It is undoubtedly true that few of the privately owned irrigation projects in these provinces are producing the results hoped for by their owners. There is much disappointment and even discouragement.

But it would be unfair to conclude, as some apparently have, that irrigation is therefore a failure. While in too many cases the results have been unsatisfactory, and in some cases even harmful, the causes are readily apparent and the remedy is available to those who are willing to apply it.

The average farmer who professes to practise irrigated farming really does nothing of the kind. He may *irrigate*, after a fashion; that is, he may at considerable expense build a ditch for the conveyance of water to his land, but *irrigated farming* means something more than merely turning water loose to flow at will over a tract of land, and that is practically all that has been done in very many cases. Usually little, if any, attempt is made to smooth the land. If the land is below the level of the supply ditch, if it seems to be fairly smooth and to have a reasonable slope, the usual practice is to turn the water out of the supply ditch at one or several points, and allow it to wander at will over the field. It is soon apparent, as the water spreads, that the surface which seemed so smooth is far from being so; it is usually a maze of shallow depressions, with intervening low knolls or ridges. Parts of such a field will receive no water, while other parts will receive so much that after a few years of this haphazard "system" of irrigation even the native grasses are drowned out and replaced by fox tail and other inferior grasses, and if there is alkali in the soil such over-irrigation brings it to the surface, with most injurious consequences

Bringing the water to the land is but the first step in the art of irrigated farming; the other steps, without which no real success can be obtained, are:—

1. Thorough smoothing of the soil and preparation by means of dykes, borders, etc., for the control of water, so that all parts of the field may receive an even saturation;

2. Construction of drainage ditches to receive and carry off surplus water;

3. More frequent and less copious irrigations, where the conditions of water supply will permit.

But it is not always possible to practise irrigated farming as it should be done. Lack of capital, and the difficulty of obtaining labour when required, coupled with the necessity for producing as quickly and cheaply as possible the most readily saleable form of crop, account, in many cases, for the failure of settlers to utilize their irrigable land to the fullest advantage. It is unquestionably true, however, that in other cases the means have been available, but heedlessly, have not been applied. No excuse can be found for those who, having invested in a system of irrigation works, and having at their disposal capital and other means for making their investment profitable, neglect to take advantage of their opportunities.

The engineers of the Irrigation Branch have for several years, and notably for the past two years, been instructed to afford all possible advice and assistance to settlers regarding the proper methods of irrigating, the most desirable crops to grow, having regard to climatic and soil conditions, etc., and, generally, to place their services unreservedly at the disposal of all settlers. Some good has doubtless been accomplished in this way, but not as much as had been hoped for. Our officers are, primarily, engineers rather than agriculturists, and, while in the course of their duties they have acquired considerable knowledge of up-to-date agricultural methods, they cannot and do not, profess to be agricultural experts. We have found that settlers are generally willing to follow the advice of our inspecting officers in the design and construction of irrigation systems, and, to a limited extent, in the methods of applying water to the soil. When, however, our officers have attempted to give advice upon purely agricultural questions it has, as a rule, either not been very well received or ignored. Much of the stagnation in irrigation development is probably due to ignorance on the part of the settlers as to the proper methods to follow in order to produce the best results, and it would seem that the time is now ripe for a campaign of education along this line. Efforts are being made to secure competent agricultural experts who can first be taught the essential features of irrigation practice, and thereafter be assigned to the duty of advising and instructing the settlers. It is difficult, however, at this time to secure properly qualified men for this work, and there is very little prospect of much development along this line as long as the war continues.

Efforts are also being made to effect some system of co-operation between the engineers of the Irrigation Branch and the agricultural experts in the service of the Dominion and Provincial Departments of Agriculture, but here again the chief difficulty is the lack of competent men.

HYDROMETRIC SURVEYS (STREAM MEASUREMENTS).

The work of stream measurements has been continued as in former years. A few new stations have been established, while some of the older stations at which records have been obtained for several successive years have been abandoned. Generally, the policy has been to extend the work only where absolutely necessary, and to economize wherever possible by combining the work of stream measurement with that of irrigation inspections, so that one man may cover the territory formerly assigned to two.

During the open-water season, 169 gauging stations were maintained on streams and 7 stations on lakes; records were also obtained at 104 gauges on irrigation canals and ditches, while miscellaneous measurements were taken at 142 points on streams, ditches, and at springs. During the winter season, 102 regular stations were maintained.

The development of mining in northern Saskatchewan, and applications for power rights on Churchill river, directed attention to the lack of precise information of stream flow, particularly winter flow. An engineer of the Water Power Branch had taken some flow measurements during the summer of 1916, but these merely emphasized the necessity of securing fuller data covering the winter or low-water period, and this branch was asked to undertake the work.

Owing to the absence at "the front" of so many of our more experienced engineers, we had no one available who was qualified by past experience in sub-arctic travel to undertake the somewhat hazardous journey to this remote district in winter, and to remain there, practically alone, for the winter season. We were, however, fortunately able to secure the services of Mr. R. D. Fry, a well-qualified engineer with considerable experience in northern travel. Mr. Fry left Pas on the 22nd December, 1917, and returned to that point on the 5th April, 1918, the journey from Pas to Churchill river and return, being made by dog train. The records of stream flow secured by Mr. Fry are interesting and valuable, and will be published later in bulletin form. The manuscript records have, in the meantime, been placed at the disposal of the Water Power Branch.

Mr. Fry could, undoubtedly, have written a very readable and interesting report of his journey and of the incidents of life in the sub-arctic wilderness during the winter, but with characteristic modesty he confines himself to the briefest possible statement regarding the journey, and deals in his report only with the work which he was sent to do. His reference to the journey consists of the following laconic statement:—

> "I left Pas Saturday, December 22, with two men and two dog trains, by way of Reeder, Rock, and Sturgeon-Namew lakes, arriving at Beaver Landing on December 24, where I commenced work at the outlet of Beaver Amisk lake. Then I proceeded north, metering Scooping rapids on the Sturgeon-weir river on my way, reaching the mouth of the Reindeer on January 12, where I made my headquarters camp during the winter's work."

INTERNATIONAL WATERWAYS TREATY.

(ST. MARY-MILK RIVER CASE.)

Article VI. of the treaty of January 11, 1909, between Great Britain and the United States, defines the manner in which the waters of the St. Mary and Milk rivers and their tributaries are to be measured and apportioned between Canada and the United States, under the direction of the International Joint Commission.

Public hearings of all the interested parties were held before the commission in May, 1915, and May, 1917, but no final decision has been given. In August, 1917, Mr. P. B. Mignault, one of the Canadian members of the commission, visited the West and accompanied by myself, went over the district involved; he examined the lands alleged to be irrigable and the works constructed or planned for the purpose of irrigating them.

The case was again taken under consideration by the commission in November, 1917, and at subsequent meetings and in the meantime, the officials of the United States Reclamation Service and Geological Survey and of the Irrigation Branch of

the Department of the Interior were authorized to study the stream flow data with a view to assisting the commission in reaching a decision upon the points in. controversy.

On May 24, 1918, the commission issued an interim order, the purport of which is as follows:—

Before the beginning of the irrigation season of each year the proper officers of the United States and Canada shall, after conferring together, prepare a statement showing the total actual requirements of water for irrigation purposes of the United States and the Dominion of Canada, respectively, in the drainage basins of the St. Mary and Milk rivers during the irrigation season of that year, estimating the total amount of water required for each month of the season and the total acreage of land it is proposed to irrigate.

During the irrigation season the natural flow of the two streams shall be apportioned between the respective countries by their properly constituted reclamation and irrigation officers so as to satisfy in each month, so far as practicable, the actual requirements of each as set forth in the statement, or in any modifications thereof duly made.

The duty of measuring and apportioning the waters has been entrusted to Mr. Arthur P. Davis, Director and Chief Engineer of the United States Reclamation Service, and Mr. Edward F. Drake, Superintendent of Irrigation, Department of the Interior, Canada.

It is quite impossible to make any statement at this time as to whether or not this interim order will provide for a mutually satisfactory division of these waters even as a temporary measure, which it admittedly is. Much will depend upon the nature of the present season; if it should prove to be a "dry year," with the resultant decreased supply, and increased demand for water, difficulties may be expected; while, on the contrary, if there should be abundant rainfall, and the flow of the streams keeps up reasonably well, there will probably be enough water for all.

A number of international gauging stations have already been established by agreement between the Governments of the United States and Canada, and it is proposed to establish several more similar stations during the present year in order that the fullest possible information may be obtained regarding the quantity of water available and the use to which it is being put. The cost of installing these stations is shared equally between the two countries, as is also the cost of maintenance and of observations.

WATER SUPPLY INVESTIGATIONS.

The difficulty of obtaining water in portions of southern Alberta and Saskatchewan has been one of the drawbacks to the settlement of those districts, particularly along the lines of mixed farming. In the earlier days of settlement of the West certain districts assumed to be semi-arid were avoided by settlers, and enormous areas of this character were used only for ranching. But settlement gradually encroached upon these drier areas, small towns sprang up along the lines of railways, and each of these became the nucleus of, or distributing point for, a scattered farming community.

Given two or three years of fairly abundant rainfall, the farmers prospered, settlement increased, the villages and towns increased rapidly in size, and ranching gradually gave place to farming. But, unfortunately, dry years, or cycles of dry years, usually followed quickly, crops withered and failed from lack of moisture, the scanty sources of surface water supply dried up, and it became necessary to haul water in tanks or barrels for even domestic use. The small towns which had relied upon shallow wells, local streams or springs, found their supplies dried up or seriously depleted and were compelled to sink deeper wells or to go farther afield and pipe water from more distant sources at high cost. Successive dry years, with partial or complete crop

failure, resulted in the abandonment of many farms acquired under the homestead or pre-emption regulations, and in the general impoverishment of the settlers.

It is easier to recite the conditions obtaining in these semi-arid districts than to indicate the remedy. Improved methods of farming will help. Dry farming, or rather scientific farming methods, if properly applied and consistently followed, will doubtless make possible the growing of profitable crops *in alternate years* in regions where the annual rainfall is usually insufficient for profitable farming as it is practised in humid districts. Irrigation will also help where water can be brought to the land at reasonable cost and in sufficient quantity, and where the settlers will take the time and trouble to really master the art of crop production under this form of agriculture. One or the other of these, or both of them in combination, offer the best, if not the only, prospect of assured prosperity in regions of scanty rainfall.

But even though improved farming methods and the practice of irrigation may be generally adopted, the question of water supply remains unsolved. Living conditions cannot be regarded as satisfactory where the water supply is scanty or poor in quality, particularly where water for domestic use must be hauled for several miles. The question of domestic water supply has therefore naturally received a good deal of attention from the Dominion and Provincial Governments and at the hands of municipal and other organized bodies throughout the drier portions of the West.

Upon the initiative of the Lethbridge Board of Trade a "Water Conference" was held at Lethbridge, Alta., on June 22, 1917, which was attended by representatives of the Dominion and Provincial Governments and by many prominent persons who were interested in this problem or were likely to be able to assist in its solution.

The Dominion Government was urged to reserve land bordering on rivers, lakes, and other sources of water supply, to afford sanctuary for stock in times of drought and the co-operation of the Provincial Governments was asked in order that practicable road approaches might be provided giving access to these reserves.

The Dominion Government was also asked to arrange for the diversion of water from Milk river through the canals of the Alberta Railway and Irrigation Company, for the use of settlers along Etzikom coulée and in the vicinity of Pakowki lake.

Steps are being taken to examine the lands available for such reservation, and to determine whether or not they should be set apart for the purpose suggested. Fifty-two cancelled stock-watering reserves were inspected and reported upon by engineers of this branch during the season of 1917, and a considerable number of these, which otherwise would have been sold at public auction, have been reserved for water supply purposes. The remainder of the reserves, or as many of them as possible, will be inspected during the season of 1918.

Another phase of this question that is receiving attention at the hands of the engineers of the Irrigation Branch is the investigation of all sources of water supply, whether from streams, springs, or wells. Our engineers have been instructed to inquire carefully into this question in the course of their ordinary trips of inspection, and thus, without increasing our staff or noticeably adding to our expenditures, we have been able to accumulate a fund of valuable information which is being studied and tabulated and prepared for general use. Our engineers inspected 288 wells and 54 other sources of water supply during the season of 1917. This line of investigation will be continued throughout the current year.

Regarding the diversion of water from Milk river, through the Alberta Railway and Irrigation Company canals, by way of Stirling and Etzikom coulée and Pakowki lake, there are at present no facilities for diverting water from Milk river. The company built a canal several years ago, but the dam and headgates were subsequently destroyed by flood, the canal has been injured by slides in several sections, and, generally, the system is not in condition for use. It is believed, however, that it could be restored and made available for use at moderate cost, and there is some prospect of the company undertaking to restore this canal at an early date.

ALKALI INVESTIGATIONS.

In certain portions of the provinces of Alberta and Saskatchewan in which irrigation is practised, the presence of alkali has made it doubtful whether certain strongly impregnated soils were suitable for irrigated agriculture. In a few cases the surface indications were sufficient to permit of satisfactory conclusions being reached, but in the vast majority of cases chemical analyses are required, not only of the surface soil, but of the subsoil to a depth of four or five feet. A large number of samples has been collected by our field engineers and forwarded to Ottawa, where they have been tested in the chemical laboratory at the Central Experimental Farm.

Comparative specimens of soils from alkali and adjoining lands have also been secured in order to obtain data for establishing standard limits of tolerance. These samples have been tested and analysed and will form the basis for future work of a similar nature, affording very necessary information for determining the relative toxic effects of varying concentrations upon different crops in several localities. Other soils have been analysed in connection with specific undertakings, and several specimens of deteriorated concrete have been dealt with and passed upon by Dr. Shutt, Dominion Chemist, under whose direction this section of our work is carried on.

DRAINAGE.

There has been little development in connection with the reclamation of submerged or swamp lands by means of drainage. A few small projects have been authorized under the provisions of Section 1 of the Alberta Reclamation Act, and works are now being constructed. There are several similar applications now under consideration under Section 1 of the Saskatchewan Reclamation Act, but the construction of works has not as yet been authorized. No larger projects are as yet under construction, although in the province of Alberta two or three drainage districts are in course of formation. The high cost and scarcity of labour have not tended to encourage work of this character under present conditions. Instructions have been given for the inspection and survey of two proposed drainage projects of considerable size in the province of Saskatchewan but with our reduced staff of engineers it is doubtful if the work can be undertaken this year; it will be done if possible.

REPORT OF THE COMMISSIONER OF IRRIGATION.

F. H. PETERS.

ORGANIZATION OF STAFF.

The organization of the staff was similar to that of last year, with the proposed change carried into effect of combining the irrigation and hydrometric work in certain districts. All field survey development work having been discontinued, the staff—mainly in the field, but also in the office—has been correspondingly decreased in comparison with the years prior to 1917.

STREAM ADMINISTRATION.

This very important work of transferring our records to the new system which has been developed was carried on actively throughout the year. One office engineer devoted all of his time to his work and considerable assistance was given by another office engineer. The progress made on this work was again disappointing and it will take another year to get all the details completed. Nearly every stream has been dealt

with and all the necessary data and information collected and arranged for future use. Great difficulties have been met with in this work because new complications have arisen just as the work was developed and also in a great many cases the complete physical data necessary have been found lacking in one respect or another.

HYDROMETRIC SURVEYS.

The organization of the regular work was similar to that of previous years. The only change from last year was that in all the southern districts the duties of the irrigation inspecting engineer and district hydrometric engineer were combined. The territory was therefore divided into thirteen districts, with an engineer in charge of each. In six of these one engineer did both irrigation inspections and hydrometric work; the remaining seven did hydrometric work only. The engineer in charge of the Calgary district also looked after the current-meter rating station.

During the open-water season, records were taken at 168 regular gauging stations on streams in Alberta and Saskatchewan, 158 gauging stations on irrigation canals and ditches, and 5 stations on lakes. Winter records were taken at 96 regular stations on streams during the past winter.

During the year 52 current-meters were rated; two belonged to the Shawinigan Water and Power Company, 11 to the British Columbia Hydrometric Survey, 5 to the Manitoba Hydrometric Survey, 2 to the Canadian Pacific Railway Company, and the balance, 30, belong to this branch.

The assignment of the office staff was nearly the same as last year, but the efficiency of the staff was somewhat impaired by changes in the personnel.

FIELD WORK.

The field work necessary for administration was carried on in much the same manner as last year, but a few changes which affected the work to a considerable extent are being noted.

Over a considerable area of the drier parts of Alberta and Saskatchewan, the question of water supply for domestic, municipal, and industrial purposes, is one of prime importance. It may be said without any fear of contradiction or the slightest exaggeration, that in certain districts the agricultural and community development is absolutely dependent upon the development of a sufficient supply of water. There is nothing new about this fact, but, like many other essential facts, it is often overlooked or forgotten. Thanks, largely, to the farsightedness and activity of the Lethbridge Board of Trade, this feature as outlined above was prominently brought forward in the fall of 1916, and in February, 1917, the question was taken up by the Scientific and Industrial Research Committee at Ottawa.

As a direct result of the information given to the committee concerning the work being done along these lines by the Geological Survey and Irrigation Branch, it was arranged that our inspecting engineers would collect all the data possible in their respective districts concerning domestic water supplies and wells. The information was to be collected to indicate the surface supply that is now available, and in connection with the deeper wells special attention was to be given to getting a log of the well so that this special information, dealing with the underground geological conditions, could be supplied to the Geological Survey for their information in determining the possibilities of underground sources of water supply.

Another outcome of the activities of the Lethbridge Board of Trade was the arrangement to cause inspection by our engineers of all stock-watering reserves which have not yet been alienated from the Crown; this with a view to maintaining for the Crown all the remaining water reserves that in future may be valuable in connection with the increased raising of stock by the prairie farmers. These water reserves were very wisely set aside in the old days of the ranching industry, and when this gave place

to the development of farming it had apparently been assumed, without considered thought, that the usefulness of the water reserves was past.

A considerable amount of work was done during the season by inspecting engineers in making the inspection in connection with matters referred to above. All the data collected were submitted on suitable forms, which have been filed away for ready reference and use in the future.

As we now have hydrometric records over a fairly long period, and as the major portion of the construction work on the smaller irrigation projects has been completed, it was planned this year, in an endeavour to increase the economy and efficiency of the work, to combine irrigation and hydrometric work in certain districts. This was done in the Cypress Hills country, which was divided up into four districts, and also in the case of the Calgary district. The engineer in each district had one assistant.

CYPRESS HILLS DISTRICT NORTH.

The total number of inspections made was 83, and 7 surveys were made; 75 gaugings were made and 4 new gauging stations were established. Data were gathered concerning 46 wells and 20 domestic water supplies. The number of miles travelled by train was 3,057 and by other means, principally team and democrat, 2,219. These figures include the work done on the special measurement of early spring run-off.

CYPRESS HILLS DISTRICT SOUTH.

The total number of inspections made was 44, and 2 surveys were made; 118 gaugings were made. Data were gathered concerning 12 wells. The number of miles travelled by train was 151, and by other means 3,318, principally by team and democrat. These figures include the work done on the special measurement of early spring run-off.

CYPRESS HILLS DISTRICT EAST.

The total number of inspections made was 92, and 6 surveys were made; 115 gaugings were made and one automatic gauge station was constructed, which required eleven days' work. Data were gathered concerning 96 wells and one domestic water supply. The number of miles travelled by train was 3,121 and by other means, principally team and democrat, 2,346. These figures include the work done on the special measurment of early spring run-off.

CYPRESS HILLS DISTRICT WEST.

The total number of inspections made was 89, and 4 surveys were made; 194 gaugings were made. Data were gathered concerning 48 wells and 2 domestic water supplies. The number of miles travelled by train was 952 and by other means, mainly team and democrat, 3,272. These figures include the work done on the special measurement of early spring run-off.

MACLEOD DISTRICT.

This district was operated as a combination one, and the irrigation work comprised practically all of the old Calgary irrigation district. The total number of inspections made was 86 and 2 surveys were made. Data were gathered concerning 51 wells and 21 domestic water supplies; 408 gaugings were made. The number of miles travelled by train was 1,911 and by other means, mainly motor car, 5,984.

MUNICIPAL WATER CONSUMPTION DATA.

The collection and compilation of municipal water consumption data was inaugurated towards the end of the year 1914, and in the year 1915 we received information complete for the year from fifteen cities and towns in Alberta and Sas-

katchewan. In the following year we received records for the whole year from the same cities and towns.

During the year 1916 an endeavour was made to obtain these data from a greater number of places, with the result that for the year 1917 we have received complete records for the year from twenty-one cities and towns in Alberta.

LARGE IRRIGATION PROJECTS.

Eastern Section, C.P.R. Irrigation Block.

Part of the system has been in operation, and in that connection some repair and maintenance work has been done by the company. The only field inspections made were in connection with the reconstruction of the Antelope Creek Siphon and some instances of disintegration of concrete by alkali action.

Alberta Railway and Irrigation Company.

A field inspection of the system was made for the purpose of making a report on the condition of works. The authorized term for the completion of the construction of the works expired in October, 1917, but an extension of five years has been granted.

The system has been in operation as usual. Some work of repairs and improvements has been in progress.

Canada Land and Irrigation Company, Limited.

On July 1, 1917, the Southern Alberta Land Company, Limited, the Alberta Land Company, Limited, and the Canadian Wheatlands, Limited, were amalgamated under the title of the Canada Land and Irrigation Company, Limited. Some construction was undertaken late in the season, and will be continued in 1918 with a view to being able to deliver water to the first unit of approximately 50,000 acres before the end of the 1918 season.

Taber Irrigation District.

The time allowed to the Taber Irrigation district for entering into a contract for the supply of water having expired, the district was re-erected in 1917, the boundaries of the old district being changed so as to exclude all school lands and include an additional area to the east of the original district sufficient to make up the full 17,000 acres of irrigable land for which water is available. It is hoped than an agreement between the district and the Canadian Pacific Railway Company will be effected in time to permit of the construction of the system during 1918.

Lethbridge Northern Irrigation Project.

No field work has been done during the past season on the proposed Lethbridge Northern Irrigation System. Reservation of water supply from the Oldman river has been made based on the surveys and reports already completed.

OFFICE WORK.

Good progress has been made during the year in the preparation of the water administration records under the new system recently adopted.

DUTY OF WATER EXPERIMENTS AND DEMONSTRATION.

A record was kept of the water applied and the crops produced at the demonstration station at Strathmore. Experimental crop work on the proper duty of water was carried on at Ronalane. Data regarding the duty of water were collected at Coaldale and irrigated crop reports were submitted by the inspecting engineers for the Cypress Hills district, mainly in Saskatchewan, and for the Macleod district in Alberta.

PART V

WATER POWER

REPORT OF THE SUPERINTENDENT OF WATER POWER.

J. B. CHALLIES, C.E. (Tor.), M.E.I.C.

The following report, with the attached report of J. T. Johnston, B.A.Sc., M.E.I.C., Chief Hydraulic Engineer, concerns the activities of the Dominion Water Power Branch for the fiscal year ending March 31, 1918:—

In submitting the attached report of the work of the Dominion Water Power Branch, for the fiscal year ending March 31, 1918, the writer begs to call special attention to the extremely important factor that water-power is now playing, and will continue to play, in the development of commerce and industry throughout the world. There can be no doubt as to the absolutely urgent and vital necessity of Canadian authorities doing everything possible to ascertain the water-power resources of the Dominion and to assist in their proper exploitation.

The world war, bringing with it a tremendous speeding up of industry in the manufacture and transportation of munitions, has taxed the power resources of every nation, the immediate cause of fuel and consequent power shortage has varied, but the result has been the same, namely an almost universal feverish activity in the more efficient use of existing power-producing agencies and the search for and investigation of new ones.

The return of peace will find all nations engaged in the keenest industrial competition. The vast burden of war debts cannot be borne by any nation failing to hold her own in this competition. Foreseeing this, and realizing the vital bearing of mechanical power in the struggle, the technical advisors of every country are studying its power resources not so much from the standpoint of present needs, but rather for the future.

In Great Britain proposals have been set forth for vast central station fuel-power plants at strategic points for the supply of power for all industries, in order to secure a more efficient use of coal, the extraction of all by-products is being urged, not merely on account of their vast value, but also to reduce the cost of power. Stock, too, is for the first time being systematically taken of the water-powers of the British Isles.

At the request of the British Government, a special committee of engineers and scientists, eminent in power production practice, and representative of all the important engineering and scientific societies of Great Britain has been engaged for some time in a study of the water-power resources of the whole empire. The result of the deliberations of this committee to date indicates that the Imperial Government will be urged to constitute at once a permanent power board representing the Governments of Great Britain and all the Overseas Dominions. The primary object of the board will be to assist in the investigation and development of the water-power resources of the Empire, in order that there may be no doubt about the further industrial development of any part of the British possessions so far as cheap dependable power may be a factor therein.

Among our allies the *United States,* faced with similar fuel conditions to ourselves, is taking active steps to mobilize her power resources, but is handicapped, as are some parts of Canada, by unsatisfactory water-power laws.

France, until the war an importer of one-third of her coal, was faced by the loss to the enemy of a considerable proportion of her own mines and the rising price and difficulty of transportation for imported fuel. Promptly and in spite of many difficulties she has proceeded with hydro developments and by the end of this year will have 1,100,000 horse-power developed, an increase of 450,000 horse-power since 1910, two-thirds of which has been secured since war broke out.

Italy, lacking coal, is an excellent field for water-power development, and through the Allemeine Elektrische Gessellschaft, the great German electric machinery trust, popularly known as the A.E.G., the Germans secured a strangle-hold on Italian industry and by 1910 515,000 h.p. was developed. Since the outbreak of war the Italian Government has not merely broken the Teutonic hold of the A.E.G., but has proceeded with an active water-power policy. Recent information is that concessions for 208,000 horse-power were granted in 1917 and that in December, 1917, there were 218 requests for concessions, estimated at 816,000 horse-power in course of examination.

Neutral countries are well aware that they will have to compete in a much keener market after the war and we see signs of stimulated water-power activities in *Norway* and *Sweden* where the Scandinavian Governments are rendering every possible encouragement in the development and use of "white coal". Barcelona the "Manchester of Spain", a city of 300,000, is replacing steam power by hydro-electricity, and a Canadian Company has already completed a large portion of an extensive system of reservoirs and hydro-electric stations on the Noguera Pallaresa and Segre rivers.

Concerning enemy countries little authentic news has been available since 1914. *Germany* is not particularly rich in water-powers. Nevertheless, with half a million horse-power developed, or 31 per cent of the amount available, she led the world in percentage of utilization. *Austria-Hungary* is more richly endowed and rumors of war time hydro-electric developments filter through from time to time.

Switzerland has been called the "Industrial Annex" of Germany and in 1910 had 25 per cent of her water-powers developed.

This world-wide activity in hydro-electric power development proves the vital importance of water-power, and the urgent necessity of water-power being used to the maximum possible advantage in Canada, if this country is to realize her proper destiny.

Cheap power promises to be one of this country's greatest assets in the post bellum rivalry of nations for world trade. Canada's great fuel reserves, supported by her water-power resources, represent a sure source of cheap power and guarantee her share in world trade, provided they are availed of to their maximum possible advantage.

One of the most important and far-reaching factors in England's quick recovery from the exhaustion of the Napoleonic wars was the industrial impulse of the steam engine. The impetus to industry from cheap and unlimited electric energy, whether from coal or water-power, will, undoubtedly, prove as great a factor in the recovery of nations following the present world war. That nation which has a dependable source of power capable of producing energy cheaper than other nations will have a tremendous advantage.

Recognized experts on fuel and power matters generally, affirm that no country is more fortunate in respect of her fuel and power resources than is the Dominion of Canada.

The interdependence and interrelation of all the varied fuel-power agencies available in Canada—water-power, coal, oil and gas—necessitates some immediate and constructive organization for effecting their co-ordinate, concomitant development and use. The main function of such an agency should be the evolution of a national master fuel-power policy applicable to all parts of the Dominion, which will realize the maximum advantageous use of every fuel-power element.

Probably the most efficient, effective, inexpensive and immediate method of achieving such result would be the formation of a Fuel-Power Board consisting of the

government officials from the different Federal departments who have for years been giving special attention to particular phases of the power problems of the Dominion, and who have, as direct result, amassed in their respective offices a great deal of valuable data concerning the present use and possibility of further use of all fuel and power resources.

The aggressive action of all other countries to investigate their water-power resources indicates how essential it is that data governing Canadian water-power sites, feasible and economic of development within a reasonable time, should be obtained promptly. It should be a source of great satisfaction that under war conditions every reasonable effort is being made by the Dominion and almost all the Provincial Governments to secure essential meteorological, hydrological, topographical, and economic data relating to our water-power resources. It is a pleasure to report that in all these efforts the Dominion Water Power Branch is taking a prominent part.

The accompanying report of Mr. J. T. Johnston, assistant superintendent, indicates in detail the nature and extent of the work accomplished by this branch in connection with water-power matters throughout the country.

The engineers of the Dominion Water Power Branch have assisted and co-operated effectively with the International Joint Commission, the Conservation Commission, the Honorary Advisory Council for Scientific and Industrial Research, the Nova Scotia Water Power Commission, various provincial departments, and also the Dominion Bureau of Statistics. Notwithstanding the very large percentage of officials of the branch serving overseas, essential work has been maintained without undue loss of efficiency or reduction in effective results.

Report of the Chief Hydraulic Engineer.

J. T. JOHNSTON, B.A. Sc., C.E. (Tor.), M.E.I.C.

HYDROMETRIC SURVEYS.

Regular stream-measurement operations have been carried on throughout the year in the provinces of British Columbia, Manitoba, and Nova Scotia. Owing to the greatly reduced field staffs, as a result of enlistments for overseas service, there has been no opportunity for enlarging the general scope of the work and the principal effort made has been to maintain in operation the most essential established stations. In a few exceptional cases, additional stations have been established to meet the requirements of new and important projects. It is considered that under the circumstances a very satisfactory season's work has been accomplished.

The great activity which has developed in the Flin-Flon Mining District in Northern Saskatchewan has resulted in the receipt of several important power applications and in order to enable the department to formulate its policy before authorizing power-development operations, winter-flow measurements of the streams affected were essential.

Through co-operation with the Irrigation Branch, arrangements were made for securing winter measurements during the past season. The remoteness of the district rendered difficult the securing of a properly qualified engineer who could be trusted to undertake the work in a satisfactory manner under the severe climatic conditions prevailing in the district. The services of Mr. R. D. Fry were finally secured through Mr. Peters in Calgary, and under the combined instructions of the Irrigation Branch and of this branch covering the character and the scope of the informa-

tion desired, Mr. Fry carried on a successful season's work throughout the months of January, February and March. Many very important discharge measurements were secured and we have now available some definite information as to low run-off conditions to be expected on the power rivers of the district. This information should, however, be supplemented by future measurements.

The question of changing the publication of the stream-measurement records from calendar to climatic-year periods has been under consideration for some time, and last November an important conference was held in Winnipeg, between the field officers of the Irrigation Branch and of this branch, at which all aspects of the question were thoroughly considered and discussed. A climatic year covering the period October 1 to September 30, was unanimously adopted as best meeting the requirements of all administrative departments concerned. This change is being effected in the reports covering the 1917 records. As a result of this decision, the stream-measurement reports of the provinces of British Columbia, Alberta, Saskatchewan, Manitoba, and Nova Scotia, were brought into uniformity. At a subsequent conference between the undersigned and the officials of the Hydro-Electric Power Commission in Toronto, it was arranged that a similar change be made in the manner of publishing the Ontario records. The provinces of Quebec, New Brunswick and Prince Edward Island do not as yet publish systematic stream-measurement records. When the publication of such records is commenced by these provinces, it is altogether likely that the climatic year will be adopted, making the system uniform from coast to coast.

BRITISH COLUMBIA HYDROMETRIC SURVEY.

The British Columbia Hydrometric Survey, under Mr. R. G. Swan as chief engineer, has continued its operations in co-operation with the provincial authorities along the lines outlined in previous reports.

Owing to the reduced staff, it was found necessary to discontinue operations in the Fort George district and to concentrate on the southern and more thickly settled portions of the province, where the information obtained is of more immediate importance. It is, however, of the utmost importance to the future development of the northern districts that stream-measurement work be resumed there as soon as conditions will permit.

Mr. Swan's organization co-operates, systematically and with uniformally satisfactory results, with the British Columbia Lands Branch and the Dominion Parks Branch. At the present time a further co-operative arrangement is being worked out with the Department of Indian Affairs whereby the services of the Hydrometric Survey staff will be at the disposal of that department for the consideration of the numerous important engineering problems which are continually arising in respect to the question of Indian reserves throughout the province and to the apportionment and utilization of water-rights in connection with the same. The importance and the economic efficiency of having available, at all times, an organization of trained engineers, expert in all the conflicting relationships of water to land, is being realized to a greater extent from day to day, and the services of the Hydrometric Survey staff, apart from the regular stream-measurement operations, are being continually utilized in increasing measure. During the past year numerous engineering reports on water-supply, log-booming, reclamation, foreshore, and irrigation, have been prepared by Mr. Swan's staff at a minimum of expense, and with most satisfactory results.

The stream-measurement report for the year 1916 has been published as Water Resources Paper No. 21. Material for the report covering the year 1917 is practically prepared and is being submitted to the King's Printer at an early date. It will be published as Water Resources Paper No. 23. This report will introduce the calendar year period and will include the records for the period January 1, 1917, to September 30, 1917. These reports are available for free distribution to all interested in problems of run-off of the rivers in British Columbia.

MANITOBA HYDROMETRIC SURVEY.

The stream-measurement work throughout the province of Manitoba has been continued throughout the year, under Mr. M. C. Hendry as chief engineer.

In the province of Manitoba, as in British Columbia, it has been necessary owing to the smallness of the present staff as a result of enlistments for overseas service, to largely confine the work to stations already established. Every effort has been made to maintain the regular stations which are of primary importance to the general questions of water-power, water-supply and reclamation throughout the province. Miscellaneous measurements on the important rivers in the unsettled portions of the province have been secured whenever opportunity offered. Particular attention has been given to the Pinawa Channel discharge, on the Winnipeg river, in connection with the improvements which are under way at the power-station of the Winnipeg Electric Railway Company.

The intensive study which has been carried on during the past few years at the outlets of the lake of the Woods, has been continued during the past year, and a continuous oversight has been maintained over all the conflicting aspects of the lake of the Woods regulation. In view of the vast importance of the lake of the Woods storage to power interests on the Winnipeg river in Manitoba, it is essential that this work should receive continuous and intensive study.

The report covering the stream measurements for the year 1916 has been published as Water Resources Paper No. 22. Material for the report covering the period January 1, 1917, to September 30, 1917, is now prepared and will be submitted to the King's Printer at an early date. This report covers a nine-month period and is designed to introduce the climatic year method of publishing data. It will be published as Water Resources Paper No. 24. These reports are available for free distribution to all interested in problems affected by the run-off of the rivers in the province of Manitoba.

POWER AND STORAGE SURVEYS.

Special field investigations into power and storage projects have been very largely curtailed during the past year. Stream-measurement studies have, of course, been continued as outlined under the preceding section on hydrometric surveys. A very exhaustive study has been given in the office to a great number of the important projects which are awaiting better financial conditions pending development.

MANITOBA.

Special arrangements were made with Mr. Hendry for closing the gap in the survey of the lower English river. The existence of this gap in the record made it impossible to consider the power features of the English river, as a whole, in conjunction with those of the Winnipeg. As only a few week's field work at little cost was involved, advantage was taken of a slack period to rush this work to completion. The field work was accordingly completed last September and October, and the department has now the complete data available upon which the entire question of power development on the English river, and of storage in lac Seul, can be intelligently studied.

No active construction operations were undertaken at the Grand Rapids on the Saskatchewan river, owing to difficulties experienced in financing. A careful study was, however, maintained of the governing run-off conditions at Pas and Grand Rapids.

Supervision was continued over the new construction operations at the plant of the Winnipeg Electric Railway Company, on the Pinawa channel of the Winnipeg river. The new work undertaken by the company has been carried on to the entire satisfaction of our inspecting engineer. Extensive additions being made to the mu-

nicipal plant of the city of Winnipeg at Point du Bois, on the Winnipeg river, have also been carried on, under supervision, in a satisfactory manner. Mr. W. J. Ireland, assistant chief engineer to Mr. Hendry, has acted as inspecting engineer in the above two instances, in addition to his other duties.

A detailed and up-to-date analysis of the water-powers of Manitoba is now under way, in accordance with the general inventory which is being made of the water resources of the Dominion. The index inventory referred to in the last annual report is being applied to all phases of the Manitoba work, and is giving most satisfactory results. The revised Manitoba power data will come to hand at an early date.

ALBERTA AND SASKATCHEWAN.

Mr. Attwood, Chief Engineer of Power and Storage Surveys in Alberta and Saskatchewan has given attention to the detailed analysis of special power problems in this district, the physical data relative to which has already been collected, and to a systematic and detailed analysis of the entire power and storage resources of the two provinces of Alberta and Saskatchewan, in accordance with the requirements of the general water resources inventory. The power and storage data which has been collected by this branch, covering these two provinces is being restudied, analysed and filed under the new index inventory. When this work is completed it will be available for ready reference at a few moment's notice.

A detailed study has been made of the power situation in the Flin-Flon Mining District and very careful consideration has been given to the various applications which are before the department for power development there. The question of diverting water from one watershed to another is involved in one of the applications and before final action can be taken in the matter, it will be necessary that field studies be made.

Special reports have been prepared by Mr. Attwood on many small power applications which have received consideration during the past year.

The general administrative policy of the branch has been continued. Applicants for water-power privileges have been furnished with all the data available in the department and particular attention has been given to the developers of small local water-powers. In brief, every effort has been made to secure the development of desirable power undertakings and to discourage the development of wasteful and uneconomical projects.

RECOMMENDATIONS FOR FUTURE WORK.

Under conditions arising from the war, it is not considered advisable to inaugurate any extensive field investigations into power prospects in remote districts and beyond the limit of early prospective development. Only those locations and projects which may be developed to advantage at the present time should receive aggressive field-study. The following field-work should be kept in view to be carried out as soon as conditions permit:—

1. A comprehensive field investigation of the proposals now before the department for the development of water-power in the Flin-Flon Mining District in northern Saskatchewan. The very important principle of diverting run-off from one watershed to another is involved in the power project, and the department must be thoroughly seized of all the physical facts involved before determining its policy in the matter. As the mining development in this region is largely dependent upon the securing of a dependable source of power, this field investigation should be completed at as early a date as practicable.
2. A detailed study should be made of one or more of the more accessible power sites on the Nelson river, in order that the department may have reliable and

definite data available for immediate reference as occasion demands. The construction of the Hudson Bay Railway has brought the unparalleled power resources of the Nelson river within reach of industrial enterprise.

3. A detailed investigation should be made into a combined project at Meadow Portage, incorporating the power, navigation, and reclamation features. This site has received a great deal of attention from the public during the past few years and should be definitely analysed.
4. The line of precise levels along the Winnipeg river, which has been partially completed, should be continued to cover the entire power reach in Manitoba.
5. Systematic investigation into the northern rivers of the three Prairie Provinces should be continued by reconnaissance investigation.
6. Arrangements should be made, in the future, for the systematic covering of all those sections and rivers, in the more settled portions of the Prairie Provinces, which have been omitted from the investigations to date.

NOVA SCOTIA WATER POWER AND STORAGE INVESTIGATIONS.

The agreement between this department and the Nova Scotia Water Power Commission, covering the investigations into the power resources of the province of Nova Scotia, has been continued with mutually satisfactory results throughout the past season. The work is under the direction of Mr. K. H. Smith of this department, as district engineer, and has progressed systematically and efficiently.

Regular stream-measurement stations are maintained throughout the province and the power rivers are being systematically investigated in the field in the order of their importance. Precipitation and evaporation stations are maintained by co-operation with the Canadian Meteorological Service.

Power surveys and investigations have been completed during the past fiscal year on the following streams: West River Sheet Harbour, Liverpool river, Medway river, Lahave river, Mushamush river, Petite Riviere and St. Croix river. In addition, investigations were made of a number of small individual power sites as follows: Annapolis river, at Lawrencetown; Annapolis river, south branch, at Factorydale near Berwick; James river, near Antigonish; South river Antigonish, at Fraser's mills, East river St. Mary, Rocky Mountain site.

These field investigations include a thorough study by reconnaissance methods of the storage possibilities in each watershed and field profiles of the rivers affected, supplemented by detail work at all possible or prospective dam and power sites.

The annual progress report covering the operations for the provincial fiscal year ending September 30, 1917, was prepared by Mr. Smith for the commission. This report covers in detail the entire stream-measurement and water-power investigations carried on during the preceding year. The report is at the present time in the hands of the King's Printer, in Nova Scotia, and will be published at the expense of the commission for free distribution to all interested in the water-powers of Nova Scotia.

The progress of the investigations to date has been exceptionally satisfactory, and a dependable analysis of the water-powers of the province is being effected in a most efficient and economical manner.

DOMINION LAND SURVEYS AND RECLAMATION.

In connection with the administration of water-powers, it has been our policy to thoroughly investigate all power possibilities feasible and probable of development in the near future, as far as possible in advance of their anticipated actual development. This has involved the determination of the flood contour with respect to most of the sites investigated in order that the reservation of essential lands may be made in advance of their settlement or other disposition.

The reservation of large blocks of land for power purposes has had a tendency to cause some temporary hardship to a certain few settlers in the vicinity of power sites, until the flood contour is accurately defined and tied in to the regular Dominion land survey lines when settlement and disposition of lands not actually needed can be made. It has, therefore, become the settled policy of the department to deal with power-site needs as they become acute. Mr. T. H. Dunn, D.L.S., has been attending to a considerable portion of this work in conjunction with his reclamation field studies. During the past season several land situations of this nature were dealt with by Mr. Dunn.

The lowering of lake Winnipegosis and the water-power and navigation questions which are involved with the reclamation features has also received Mr. Dunn's attention.

INTERNATIONAL JOINT COMMISSION.

The International Joint Commission has completed its report on the Lake of the Woods reference and has submitted the same with certain definite recommendations to the respective Governments of Canada and the United States.

This reference has been before the commission since 1912, and has involved many conflicting interests of navigation, power, and fishing ,and the flooding of lands and properties around the lake borders. From the date when the reference was first submitted to the commission its vital importance to the power interests on the Winnipeg river, below the lake, has been fully realized by this department and every possible measure taken to ensure that the rights and requirements of these power interests should be properly presented to the commission.

As there was serious conflict between what the various interests affected considered best suited their individual requirements, and as many of these interests were of very great importance, the reference before the commission required very careful consideration and intensive study. The outstanding position of the power interests and their dependence upon a substantial storage range in the lake was presented to the commission at the various hearings by means of comprehensive reports, memoranda, statements and oral argument. In this connection the individual companies and municipalities affected have co-operated with this Branch to the advantage of all concerned throughout the entire period of the reference.

The Lake of the Woods Technical Board, organized for the purpose of correlating the conflicting Canadian interests, gave prolonged study to the entire question and was instrumental in preventing conflicting claims and representations being made to the commission by Canadian interests. The final recommendations of the technical board were very largely adopted in the findings of the commission.

A large measure of storage in the Lake of the Woods is absolutely essential to complete utilization and to the successful economic development of upwards of 500,000 horse-power on the Winnipeg river. This was clearly presented to the commission, and it is satisfactory to note that as a result the commission has recommended that a five-foot storage range between elevations 1056 and 1061 be left entirely in the hands of a domestic control board. When the lake falls below or rises above these elevations, the commission has recommended that the control of the regulations be placed in the hands of an international board for the protection of international interests. Provision is made for the lowering of the low limit, in exceptionally low water seasons, with the approval of the commission. The ordinary maximum level has been placed at elevation 1061·25 with the provision that this may be somewhat increased in the future when the enlargement of the lake outlets as recommended by the commission has been made.

In brief, the power interests are assured of a five-foot storage range on the lake. Although this is not all the power interests desire and need it is probably fairly satisfactory. At any rate it makes available a reservoir for the tiding over of low water

periods in the river below. The power interests in Manitoba benefiting by this storage have already expressed themselves informally to the department as being willing to bear their share of the cost involved.

The recommendations of the commission are at the present time before the two governments concerned who, it is hoped, will take early favourable action in connection therewith.

LAKE OF THE WOODS REGULATION.

Pending the adoption by the Canadian and the United States Governments of the recommendations made by the International Joint Commission in respect to the Lake of the Woods reference, the control of the Lake of the Woods regulation has been continued as outlined in the last annual report. The arrangement made in September, 1916, between this office and the Department of Public Works of the province of Ontario, whereby this branch would advise the Ontario authorities as to the operation of the Norman dam, has worked out satisfactorily. The systematic records which are received daily and weekly from various points throughout the watershed covering meteorological and run-off conditions, are such that our officers are at all times informed as to the prevailing governing conditions. It is accordingly possible to take intelligent action at the Norman dam to provide for the present and future requirements of the interests affected by the river discharge or by the lake level, and at the same time to forestall such unusual flood conditions as maintained during the summer of 1916. In brief, the regulation of the lake level is at the present time based upon the conditions maintaining throughout the entire watershed and not upon the local requirements of any particular interest or set of interests. The lake has, in consequence, been maintained at a satisfactory and fairly uniform level and ample water has been provided at all seasons for the power interests. At the present time steps are being taken to prepare the lake for possible flood in flows following the spring run-off. It is considered that the situation is well in hand.

WATER RESOURCES INVENTORY.

The detailed investigations carried out by our field parties in various parts of the Dominion resulted in the accumulation of a great amount of reliable water-resource information. In addition to this first-hand data, co-operation with other federal departments and with provincial organizations interested in water-resource administration, has brought us into direct touch with all resource investigations which have been made through the entire Dominion.

In the past the information secured by the many different Dominion and provincial organizations concerned has not been correlated and it has consequently not been available at any one place for ready reference or for systematic analysis. Numerous inquiries from responsible quarters in Canada, in Great Britain and in foreign countries, having as their object the securing of accurate information respecting Canada's water-powers and their relation to timber resources, mineral resources, transportation systems (rail and canal), industrial centres, industrial possibilities, electro-chemical opportunities, etc., have indicated the urgent necessity of some central bureau for receiving and co-ordinating all availablbe water-power and cognate data. Up to date these inquiries have been dealt with as promptly and as satisfactorily as the nature of the data on hand would permit. At the same time it has been realized that the basic data, upon which these various analyses must be made, should be more systematically compiled and arranged, and various steps have been under way during the past two years to achieve this result. In order that the final results should be permanently satisfactory, it was essential that the methods adopted should be broad and thorough, and should depend upon the harmonious co-operation of all Federal and provincial departments and organizations interested in or affected by the administration of water-powers or the investigation of water resources.

The desired mutually satisfactory co-operation has already been achieved, without any dislocation or curtailment of the activities of any existing organizations, and the water resources index to which reference was made in the last annual report has now been practically perfected. The filing scheme in all its details has been finally worked out and the index maps, cards and folders prepared.

While the staff of the branch has been reduced to the minimum possible limits owing to the absence of members on overseas service, and as it has consequently been necessary to materially limit field investigations, it is considered that the work has been maintained in a satisfactory manner and that nothing of really vital importance has been unduly neglected. This has been made possible largely by the reduced staff cheerfully undertaking overtime work at all seasons in order that the best interests of the department should not suffer. I take pleasure in bringing to your attention this summary of the season's operations and of the satisfactory results secured.

DEPARTMENT OF THE INTERIOR

ANNUAL REPORT

OF THE

TOPOGRAPHICAL SURVEYS BRANCH

1917-18

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
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1919

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REPORT

OF THE

TOPOGRAPHICAL SURVEYS BRANCH

INTRODUCTION.

The work of the Topographical Surveys has been classified under two headings, "Field Work" and "Office Work."

Appendices exhibit the total area subdivided, the detailed work of each surveyor, the mileage and cost, a statistical summary of office work, a schedule of latitude observations, and a statement of instruments on hand.

An outstanding feature of the year's work was the revision of the Manual of Instructions for surveys. This was rendered necessary by the adoption of a new method for township subdivision, and other changes.

PART I—FIELD WORK.

The amount appropriated by Parliament for the survey of Dominion lands was $776,300 or $200,000 less than the preceding year. However, by the exercise of rigid economy and by dispensing with surveys which were not urgent the department succeeded in reducing the expenditure for the fiscal year to about $657,000.

Only forty-one parties were employed, as compared with sixty-five in 1915 and fifty in 1916. Of these forty-one parties, four worked in Manitoba, eleven in Saskatchewan, thirteen in Alberta, six in British Columbia, and seven partly in one province and partly in another. Of the six parties in British Columbia, four were employed in the railway belt and two in what is known as the Peace River block. The size of the parties was also considerably reduced and, as far as possible, men suitable for enlistment or farm work were not engaged.

The standard meridians which form the governing lines for all surveys in Western Canada are run due north four degrees or about 180 miles apart at the international boundary.

These meridians are connected every twenty-four miles by base lines, from which the subdivision lines are run. Under the previous system of subdivision the outlines of the townships were run north and south from the base lines, and were the controlling lines for the subdivision of the township. The north and south boundaries were established by joining opposite township corners.

Under the new system the central meridian of a township is run first. It is chained and check chained, before the monuments are established. From this control meridian the remaining chords are accurately turned off and produced as straight lines to the township outlines. Section and township corners are placed at the intersection of the chords and remaining meridians. The new method has proved most satisfactory in every respect.

BASE LINE SURVEYS.

The question has frequently been asked, "Why is it necessary to produce base lines and meridians so far beyond subdivision and general settlement?" These lines are needed for starting and controlling all other surveys. As their establishment takes several years, they have to be surveyed far in advance of settlement in order that subdivision and other surveys may be undertaken at any time and in any part of the country, whenever the necessity arises. Such good progress has been made in this programme that three base line parties were sufficient to complete the surveys required for the year. The total mileage surveyed was 446 miles, being 122 miles less than for the preceding year.

Party No. 1—Surveys North of The Pas.

This party surveyed portions of the 17th base line west of the Principal meridian and the interprovincial boundary between Manitoba and Saskatchewan.

PERSONNEL:

T. H. Plunkett, D.L.S., in charge.

Assistants—
C. S. Macdonald, D.L.S.
D. O. Wing, D.L.S.

Leveller—
A. Matheson, D.L.S.

Party—
20 employees.

This survey is particularly useful on account of the valuable copper mines in operation at Schist, Flinflon and Amisk lakes. The rich ore from the Flinflon district is transported from the mines partly over wagon and sleigh roads and partly by boat to The Pas, some seventy miles to the south, from which point it is shipped by rail to British Columbia for smelting.

Some good timber grows along the shores of lakes and rivers, consisting of spruce and jack pine. Back from the lakes the perpetual frost preserved by its protecting covering of moss stunts the growth of the trees. Mining, fishing, and lumbering are the important industries of this district; the only land suitable for agriculture is a small amount around Sturgeon Landing.

West of Reed lake the country is high and dry; it is in this rocky formation that the minerals are found which make this district a valuable mining area.

Party No. 2.—Surveys in Northwestern Saskatchewan.

A few short portions of base lines were surveyed easterly from the Fourth meridian in the Buffalo lake district. This district is easily accessible both from the west over the Alberta and Great Waterways railway, and from the east over water routes from the Canadian Northern terminus at Big River.

PERSONNEL:

G. H. Blanchet, D.L.S., in charge.

Assistants—
A. Matheson, D.L.S.
E. A. Petrie.

Leveller—
R. Lawrence.

Party—
20 employees.

The townships which may be subdivided by running from these base lines contain some good hay flats along the rivers, the remainder being hilly country or muskegs interspersed with poplar and jack pine ridges. To the north and east of the locality where the survey of these lines was discontinued are sand hills covered with jack pine which have been extensively burned over. The base lines surveyed lie mostly in the area drained by Churchill river.

The divide between the basins of Churchill and Athabaska rivers follows along the Fourth meridian generally. Muskegs in this area are numerous and on account of their slow drainage tend to keep the streams at a fairly uniform level throughout the year. Forest fires are also kept considerably in check by the muskegs, and good patches of merchantable timber are found.

A certain historical interest is attached to this district. The early trader-explorers in going from tidal water at Hudson bay inland in search of new fields for their fur trade travelled up Churchill river and ultimately reached those lakes forming its headwaters. From there it was found that a short portage from Methy lake led into a new watershed, with rivers draining northward into the Arctic. It was by this route that Sir Alexander Mackenzie travelled when he first made his important discoveries and found the river which now bears his name. Later, Thompson passed this way on his famous trip to the Pacific by way of Peace and Fraser rivers. Trading posts were established in the Mackenzie basin as a result of these explorations, and as water transportation was essential for goods and furs the first great transcontinental route was formed of Churchill and Mackenzie rivers and their tributaries, uniting at the twelve-mile portage from Methy lake to Clearwater river. Half-way across this portage the canoe men from the east met those from the north and west, trade goods were exchanged for furs and each party returned the way it had come; only one round trip was made each year.

After the Canadian Pacific railway was built this route was abandoned in favour of Athabaska river, and now this has been itself superseded by the Peace River route. Since the construction of the Alberta and Great Waterways railway there is a possibility of the old Churchill river route coming into use again with the direction of trade reversed, furs going west and goods east.

Party No. 3—Surveys South of Lake Athabaska.

The 28th base line between the Fourth and Fifth meridians was run by this party, thus completing the survey of all the base lines between these meridians south of lake Athabaska.

PERSONNEL:

J. R. Akins, D.L.S., in charge.

Assistants—
M. G. Cameron, D.L.S.
E. Lamert.

Leveller—
S. S. Christie.

Party—
20 employees.

This district is traversed from south to north by Athabaska river, which is navigable throughout except for some rapids above McMurray which have to be portaged.

Although the land is good for agriculture the chief assets of the district consist of oil and gas, wells for which have been drilled with varying success in many places. The area of the tar sands which indicate the presence of gas and oil is unknown but development and prospecting are proceeding rapidly since the construction of the Alberta and Great Waterways railway.

Along the base line west of the Athabaska the country is very wet. Some of the land might be fit for agriculture when drained but a large portion is liable to become flooded. East of the Athabaska to the Fourth meridian the land is all sandy and wooded with a light growth of jack pine. Little or no grass grows, as a thick coat of pine needles covers the surface.

REGULAR SUBDIVISION SURVEYS.

Parties Nos. 1 and 2—Subdivision around Sturgeon Bay, Lake Winnipeg.

The district covered by these surveys is flat and swampy, and transport had to be carried on by man-packing and canoes. The swamps are separated by low ridges, the soil of which is sandy clay with many boulders and rocks. In the swamps the moss retards drainage

PERSONNEL:

J. W. Pierce, D.L.S., and
J. E. Jackson, D.L.S., in charge.

Assistants—
J. K. Benner, D.L.S.
F. H. Wrong, D.L.S.
L. A. Kinnear, D.L.S.
J. P. Howe.
Levellers—
S. F. Vineberg.
W. F. Asling.
Party—
20 employees each.

but the subsoil is good and with good drainage the district would be fairly suitable for agriculture. The slope as shown by the levels is sufficient for this purpose but drainage on a large scale alone would accomplish any good results. The moss prevents the thawing out of the muskegs so that summer frosts are common. Along Warpath river and lake Winnipeg, however, the land is fairly well drained by natural drainage, and in places well wooded with merchantable timber up to fourteen inches. Some fine hay meadows lie in the open places and a heavy growth of tall grass is found where the timber has been killed by fire.

Party No. 3—Subdivision North of Prince Albert.

The townships surveyed lie around Clearsand lake, a body of water about four square miles in area but not over seven feet deep. The area is rolling and consists of ridges and muskegs. The muskegs, however, are shallow and the subsoil is clay. Draining is comparatively easy as the slope is ample and the drained muskegs would produce an abundance of hay, which at present is rather scarce. Summer frosts are seldom severe enough to seriously damage crops.

PERSONNEL:

W. Christie, D.L.S., in charge.

Assistants—
A. O. Gorman, D.L.S.
A. Fawcett, D.L.S.
Leveller—
E. S. Kesley.
Party—
20 employees.

Party No. 4—Subdivision South of McMurray.

This area is easily reached by the Alberta and Great Waterways railway. The land surveyed is all covered with bush except in the southeasterly part, where open patches with light scrub would furnish good ranching districts.

The timber is small and of no commercial value, being only six to ten inches in diameter, and the area it covers is not large enough to be set aside as a forest reserve.

The surface is nearly level or gently rolling and muskegs and swamps are numerous. If the watercourses were opened and cleared the land would drain itself, as the slope is sufficient. The six or ten inches of moss would then rot and a rich black loam would result, making this area one of the best for agriculture. The banks of the Christina show that the river has cut through the tar sand, to a depth of over forty feet. From the extensive areas of tar sand in this district it is estimated that about twenty cubic miles of oil have escaped from these Devonian rocks.

PERSONNEL:

R. H. Knight, D.L.S., in charge.

Assistants—
G. A. Tipper, D.L.S.
L. E Harris.

Leveller—
C. W. Graham.

Party—
20 employees.

Party No. 5—Subdivision South of Lesser Slave Lake.

Mr. McEwen's party subdivided some townships lying between the valleys of Freemen and Athabaska rivers. This area is drained principally by Christmas creek and its tributaries; the creek is thirty-five feet wide and from two to three feet deep. The surface is gently rolling, and is covered with poplar, spruce, and tamarack of small size, with jack

PERSONNEL:

D. F. McEwen, D.L.S., in charge.

Assistants—
W. E. Robinson, D.L.S.
P. A. Shaver, D.L.S.

Leveller—
E. B. Purdy.

Party—
20 employees.

pine on the knolls and ridges and willow along creeks and on the damp flats. The soil is good clay loam with clay subsoil, except on the sandy ridges. A luxuriant growth of grass is produced with abundant rainfall, making the district excellent for ranching or mixed farming.

Party No. 6—Subdivision along Notikewin River, Alta.

The subdivision on Notikewin river done by this party consisted of the complete subdivision of four townships and five more partly subdivided. The surface of this area is mostly wooded, but a large part of open prairie was found, on which several squatters had located. On these prairie spots the soil is good and grass grows luxuriantly. Prairie fires swept the whole district at the time of survey, the smoke from which was so dense that it was difficult to travel from one tent to another. Some prairie grass which the party fireguarded served as horse feed for the remainder of the work in that locality.

PERSONNEL:

J. A. Buchanan, D.L.S., in charge.

Assistants—
T. H. Bartley, D.L.S.
E. F. Gorman, D.L.S.

Leveller—
H. W. Featherstone.

Party—
20 employees.

Parties Nos. 7 and 8—Subdivision East of Grande Prairie, Alta.

These two parties subdivided lands east of Grande Prairie consisting of ten whole townships and five partial townships adjoining the Sixth Meridian or lying close to it. In the northern part the surface is wooded with poplar, spruce, jack pine and birch, except that part south from the Birch hills, which is more open, having been burned over several times. Birch hills are about 150 feet high, running east and west with a long, gradual slope to the south but an abrupt drop to the north. Farther south along Simonette river the area is largely prairie, only about three sections of merchantable timber being seen. All the streams have deep ravine-like valleys, across which travel is difficult, thus retarding settlement. These ravines afford good grass and shelter for cattle, however, which render the district admirable for ranching. Smoky river, the largest stream, can be forded in a few places late in the fall at low-water, but at high-water the stream rises ten feet. Most of the small streams dry up late in the fall, and the water problem during dry seasons and winter is a difficult one, as even wells are not reliable. Hay sloughs are in demand, as many settlers raise beef cattle, and feeding them through the winter is the most difficult problem for the rancher. Eight grain elevators were built along the railway last year in the Grande Prairie district, and a rancher north-east of Grande Prairie on Smoky river had more than 300 head of cattle, and seemed to be doing a thriving business.

The greatest obstacle to successful farming in this district is the danger from early and late frosts. Some years, crops are a total failure on this account, and mixed farming is becoming general.

PERSONNEL:

J. H. Johnston, D.L.S., and
A. Lighthall, D.L.S., in charge.

Assistants—
J. H. Smith, D.L.S.
J. E. Fredette, D.L.S.
K. N. Crowther, D.L.S.
B. Haggarty

Levellers—
O B. Holmes.
W. H. Dowling.

Party—
20 employees each.

Parties Nos. 9 and 10—Subdivision in Peace River Block.

PERSONNEL:

S. D. Fawcett, D.L.S., and
L. Brenot, D.L.S., in charge.

Assistants—

C. S. Macdonald, D.L.S.
R. Bruynseraede, D.L.S.
W. E. Lumb, D.L.S.
R. P. Burchnall.

Levellers—

N. C. MacKinnon.
L. F. Brimer.

Party—

20 employees each.

The opening up of the Peace River district by the Edmonton Dunvegan and British Columbia railway has turned settlement in that direction; accordingly these two parties subdivided portions of fifteen townships in the Peace River Block, where land fit for settlement was found. Subdivision was carried on south of Pouce Coupe and in Montagneuse prairie about fifteen miles north of Fort St. John. The surface conditions in both areas are similar, the land being covered with small second growth or made into prairie patches by repeated fires. The soil is black loam on clay subsoil and is suitable for mixed farming. The streams develop deep precipitous valleys sometimes 800 feet deep and almost perpendicular in the sandstone areas. In the clay districts slides occur along the banks and crossing streams is difficult, and even dangerous at flood seasons on account of the heavy grades.

In tp. 85-20-6, a number of springs were found which do not freeze in winter and a kind of grass grows around these which stays green in the fall when other grasses dry up. The Indians leave their horses in this area to rustle all winter and although not in the best of condition in the spring they look fairly well.

Fires have repeatedly overrun this whole area and the windfall is too thick to make it a good ranching district.

The climate is severe in winter and summer frosts damage crops considerably. During the last three years two good crops were obtained and it is estimated that in the summer of 1917 three hundred thousand bushels of wheat and oats were threshed in the Pouce Coupe prairie.

The rainfall is not regular though it is excessive during some years. Wells have to be sunk to a great depth and the water is frequently alkaline. Near the permanent streams however, a supply is easily obtained.

MISCELLANEOUS SUBDIVISION.

It frequently happens that subdivision is required of isolated small areas which do not warrant the expense of a regular subdivision party, and yet are too large for a travelling party. Such surveys are done by a small party, the size of which depends on the amount of work to be done.

Party No. 1—Subdivision Along Carrot River.

PERSONNEL:

J. S. Galletly, D.L.S., in charge.

Assistant—

K. F. McCusker, D.L.S.

Party—

11 employees.

This party made subdivision surveys along Carrot river to provide for settlement in that area due to the mining activities. A strip of fairly good land lies along the river, but generally the country is low and liable to flooding. Good spruce timber is plentiful and lumbering is an important industry.

Some land was subdivided also at Sturgeon Landing. This place is at the head of navigation from The Pas and all parties going to the mines at Schist and Athapapuskow lakes or the north country call there. The land subdivided is high and dry and

covered with a thick growth of brush. The soil is clay or clay loam with a few boulders, and most of it is first-class for farming, the best quarter-sections lying along Sturgeon-Weir and Goose rivers.

More than 8,000 tons of copper ore, valued at about one million dollars, was hauled to Sturgeon Landing from the mine on Schist lake. This ore is to be taken by boat to The Pas and then by rail to Trail, B.C., for smelting. The amount of ore in sight at Athapapuskow lake is said to be near 300 million tons, and new copper ore deposits have been discovered at Cranberry lake and along Pine Root river.

Party No. 2—Subdivision in Eastern Manitoba.

PERSONNEL:

W. J. Deans, D.L.S., in charge.

Assistant—
J. H. Patterson.

Party—
5 employees.

The first work done by this party was at Bull Head in tp. 30-6-E., where a settler had made improvements to a lot for a number of years and had applied for a patent. The portion of the lot not under cultivation or pasture is covered with willow, birch, spruce and poplar up to eight inches in diameter. The lowest part of the lot is eight feet above the water of lake Winnipeg, the land gradually rising to twenty-five feet. The settler is engaged in cattle raising, fishing, and farming.

The remainder of the season was spent surveying the dried-up beds of Shoal and Whitewater lakes. When the original survey of the townships around Shoal lake was made the water extended right up to the bush. Now these dried-up portions are covered with grass and sow-thistle on which cattle seem to thrive. All around the lake large herds of cattle pasture all summer and do well. Large quantities of hay are also cut on this land. The soil in the dried-up area is of good quality and free from stones, and where cultivated yields good crops.

At the time of the survey of the townships around Whitewater lake, the lake had an area of twenty-six square miles and a maximum depth of ten feet. At present the lake covers seven square miles and is two feet deep. The streams which formerly emptied into the lake are now dry and it is only a question of time till the lake will disappear entirely. The soil of the dried-up area is a rich black loam mixed with sand, but the great drawback to cultivation is that it is covered with noxious weeds.

RETRACEMENT OF BLOCK OUTLINES.

Good progress has been made in retracing the old meridians and base lines; their lengths and directions have now been determined with great accuracy.

Retracement of Second Base Line west of the Fourth Meridian, and traverse of the C. P. R. right of way.

PERSONNEL:

R. B. McKay, D.L.S., in charge.

Assistants—
T. A. McElhanney, D.L.S.
A. G. Stuart, D.L.S.

Leveller—
M. Resnik.

Party—
6 employees.

This party retraced the 2nd base across ranges 1 to 14, west of the Fourth meridian. A line of levels was also carried on along with the retracement. No monuments were established on this work as the line traversed lands which were mostly patented, the object of the survey being to determine the correct bearing and chainage of the monuments as they exist on the ground.

This work was discontinued on August 15 in order to complete the traverse along the C.P.R. from Morley to Ottertail in the railway belt.

Owing to the mountainous nature of the country in the belt and along the eastern slope of the Rocky mountains, it is impracticable to establish the initial meridians and base lines in the regular way. Instead,

the subdivision surveys in the railway belt and along the Canadian Pacific railway from Morley westerly have been established by means of traverses along the right of way of the railway. Reference marks were established along the right of way and from these points the subdivision surveys were projected. These reference marks or hubs are known as the Canadian Pacific traverse hubs and are described as C.P.T.'s

East of the summit of the Rocky mountains no C.P.T.'s, were planted but a traverse was made along the right of way, and a number of section and quarter-section corners established

These corners were checked by a triangulation extending from the vicinity of Calgary, Alta., to Salmon Arm, B.C. The triangulation indicated the existence of discrepancies in the position of the corners; another traverse was accordingly made to determine the exact position of the corners.

Morley was chosen as the starting point since it was quite near the triangulation station of Chiniki. The traverse was very carefully made, all courses being chained twice with two different tapes which were frequently compared with the standard. The angles were measured with a base line transit which read to seconds.

As the traverse was extended westerly ties were made to the adjoining section or quarter-section corners frequently enough to determine their precise location.

RESURVEYS.

The early township surveys were not so elaborate and were not made with the same care as at present. Land had little value and the cheapest method of survey was considered good enough. The monuments often consisted of nothing more than a small poplar post, which disappeared after the first prairie fire. Later small iron posts were used; they were more permanent, if not interfered with, but many were pulled up by travellers and used for pegs, crowbars, and other purposes. In other cases, they were wilfully and systematically removed by evil-disposed persons. Under such conditions, the settlers have difficulty in locating their lines and they ask for resurveys.

Where the amount of work to be done in a township is small and does not warrant the expense of a regular party, the survey is made by a travelling party consisting of a surveyor and his assistant.

Frequently the subdivision lines have to be extended over the dried-up bed of a lake.

Sometimes settlers locate on unsurveyed lands in remote parts of the country. After making improvements they apply for a patent, and in order that their request may be granted some sort of survey is necessary. If near any boundary monument of the Dominion Lands system, the settlement is surveyed and tied in to the monument, but if no monument is near, the connection is made when the Dominion system is extended to that locality.

Party No. 1—Resurveys North of Swift Current.

The resurvey of a block of seven townships about forty miles north of Swift Current constituted the work of this party. Most of this area is at present held under grazing leases and lies in the valley of South Saskatchewan river. The valley is from three to seven miles wide and from four to six hundred feet deep. The greater part of this area is fit for agricultural purposes as the soil is a rich clay loam. A number of springs give a permanent supply of slightly alkaline water. Summer frosts are unknown.

PERSONNEL:

J. M. Cote, D.L.S., in charge.

Assistants—
L. A. VanSkiver, D.L.S.
A. M. Mills.

Leveller—
D. Gourley.

Party—
11 employees.

In addition to the resurvey work, this party traversed Connell and Harehill crecks which form the westerly boundary of the Pasquia forest reserve.

Party No. 2—Resurveys in Northern Alberta.

This party was employed on correction work in northern Alberta and also on inspection of Contract No. 17 of 1914 west of McMurray. A subdivision survey executed under contract in the Peace river valley had been left unfinished and Mr. Fontaine's party was detailed to complete it and to correct the deficiencies.

PERSONNEL:

L. E. Fontaine, D.L.S., in charge.

Party—
6 employees.

The contractor had been asked to correct these deficiencies but refused to do so. Accordingly a deduction was made from the amount of his contract to cover the cost of correction.

Many of the posts were improperly planted and had to be reset. Other posts were driven into the ground with a mallet and the flanges broken off. The pits were not all of regulation size; where too small, they were made larger. Lost corners were re-established and at quarter-section corners falling in sloughs which were marked by long wooden posts, witness monuments were erected.

Parties Nos. 3 to 6—Travelling Parties.

Each of these surveyors with one assistant constituted a "travelling party." The work done by these parties in most cases was of small extent and scattered over so extensive a territory that the expense of a fully organized party was not warranted; local help was hired when necessary. The work included retracement surveys for the purpose of obtaining correct bearing and chainage of old lines; restoring old obliterated monuments; resurveying bodies of water which had changed in area since the original survey, and generally, doing any small amount of survey work in any locality.

PERSONNEL:

S. L. Evans, D.L.S.
A. E. Glover, D.L.S.
E. S. Martindale, D.L.S., and
R. C. Purser, D.L.S., in charge.

Assistants—
O. B. Roberts, DL.S.
W. P. Daly, D.L.S.
G. S. Bayly.
H. W. Churchill.

In addition to the regular survey work they took observations for magnetic declination, magnetic inclination and total magnetic force when this work could be done without materially affecting the progress of the regular work.

RAILWAY BELT SURVEYS.

The "Railway Belt" comprises a strip of land extending twenty-four miles on each side of the main line of the Canadian Pacific railway across the Province of British Columbia.

The land within the belt is very rough and mountainous although some level bottom lands are found, and bench lands are frequent. As surveyors cannot be advised beforehand of the lands to be subdivided they have to use their discretion in deciding whether or not land is suitable for subdivision.

The equipment of a party in the "Belt" is larger on account of the variety of conditions met with in short distances. In a mile of line a surveyor may have some prairie, heavy woods, almost inaccessible cliffs, and snow-clad summits to contend with and must arrange his transport accordingly. Corner monuments often have to be located by traverses and the whole work requires to be carefully done on account of the rough nature of the district.

As no separate parties are provided for base line, subdivision, stadia, or resurvey work in the belt, the regular surveyors are required to perform all the kinds of survey work necessary in the area covered by their instructions.

Party No. 1—Surveys South of Revelstoke, B.C.

PERSONNEL:

N. C. Stewart, D.L.S., in charge.

Assistants—
J. W. Doze, D.L.S.
W. Humphreys.

Party—
7 employees.

In some of the townships within Mr. Stewart's district areas of bottom lands were originally heavily timbered and as all the timber was cut off only a tangled mass of wreckage was left with stumps up to ten feet in diameter. The soil, however, is excellent and when cleared will produce abundantly, while the bench lands farther up the sides of the mountains furnish excellent grazing. Lumbering and mining camps are numerous and prospectors are staking new claims wherever minerals are likely to be found. The beds of the streams are said to contain gold, platinum, antimony, silver, and copper. Good fir timber grows and cedar fence posts are shipped to the prairie provinces in large quantities.

Party No. 2—Surveys near Chase, B.C.

PERSONNEL:

W. J. Johnston, D.L.S., in charge.

Assistants—
J. A. Carson, D.L.S.
J. C. Tassie, D.L.S.

Party—
7 employees.

A large portion of the work of this party was the establishment of the boundaries of forest reserves. These reserves lie entirely on the mountain sides and although they do not include any agricultural land some very good areas of pine grass are found which furnish good grazing. In the bottom land the soil is a sandy loam and is very productive, but most of the land requires irrigation. The timber as a rule is small and no minerals are found. The only drawback to making this a good dairying district is its distance from a suitable market.

Party No. 3—Surveys North of Kamloops, B.C.

PERSONNEL:

C. H. Taggart, D.L.S., in charge.

Assistant—
C. J. Higgins, D.L.S.

Party—
7 employees.

An area of good agricultural land lies along North and South Thompson rivers near the north boundary of Kamloops Indian reserve, and Mr. Taggart's party re-traced this boundary, which was run thirty-nine years ago, in order to determine how much land lies within the reserve. Of the 2,000 acres of agricultural land within the reserve only about 500 acres are under cultivation. Irrigation is necessary but water for that purpose is convenient and the supply sufficient. The boundaries of Monte Hills forest reserve were also run to ascertain whether some agricultural land in tp. 16-14-6 was within the reserve. Most of this agricultural land is already taken up but some good range land still remains.

Party No. 4—Surveys West of Ashcroft, B.C.

PERSONNEL:

J. A. Calder, D.L.S., in charge.

Assistants—
Jas. Gibbon, D.L.S.
J. B. Walcot.

Party—
7 employees.

The lands subdivided by Mr. Calder's party lie along Bonaparte river; the boundaries of Hat creek forest reserve and Bonaparte Indian reserve were also retraced. In the valley of Hat creek extensive bench lands are found at high elevations but in most cases irrigation would be necessary and water for this purpose is lacking. The prevalence of summer frosts is also a drawback to successful farming at high elevation. Grass grows abundantly, however, and stock raising and dairying could be carried on successfully. Clearing the ground is very expensive, as huge stumps and fallen trees are numerous, but when cleared the soil is fertile.

SESSIONAL PAPER No. 25a

STADIA SURVEYS.

When the townships in the western provinces were originally subdivided many bodies of water existed which have now wholly or partially dried up. In other cases bodies of water are found not shown by the original survey, either because they were not noticed or were not large enough to be surveyed.

During a wet cycle of years lakes may also appear where none existed before. The areas given on the township plans can no longer in such cases be accepted as correct. Stadia surveys, so called from the particular method of survey used, are made for determining the present area and permanency of all bodies of water. A district is assigned to each surveyor and he is expected to investigate and report on all bodies of water over five acres in extent in each township in which he operates. If a body of water is over five feet deep or if it does not dry up in the fall the banks are traversed. Rivers over one chain wide and all islands are accurately surveyed. The surveyor also reports upon the condition of the boundary monuments in the township and he may restore a few of them if lost, but as his party is small, work of this nature is generally allotted to larger parties.

Party No. 1—Surveys West of Moosomin.

PERSONNEL:

C. Rinfret, D.L.S., in charge.

Assistant—
T. Melrose, D.L.S.

Party—
3 employees.

The area included in the investigations of this party comprised about sixty townships west of Moosomin. The district is well served by railways and all the land is patented but some good homesteads are held by speculators. The roads are well graded and automobile travel is possible everywhere.

The main industry is mixed farming and drouth does not seem to affect crops in a dry year as it does in other areas. The sloughs and lakes contain fresh water except four or five which are alkaline. Many of the former lakes and sloughs are now dry and producing good hay. South of Indian Head is the Government Nursery, from which trees for planting are furnished to the settlers at nominal prices.

Party No. 2—Surveys around Quill Lakes, Sask.

PERSONNEL:

C. M. Walker, D.L.S., in charge.

Assistant—
C. H. Snell.

Party—
3 employees.

The nearest town to the area investigated by Mr. Walker was Humboldt, in tp. 37-23-2, where the party was organized. In general the district is not very well settled except in the southwest part and a few of the roads are graded. The soil is light and inclined to be stony, and the surface is covered with light scrub where it has not been broken. The surface is rolling with plenty of water for stock and numerous bluffs for shelter, making the district favourable for mixed farming or cattle raising.

Party No. 3—Surveys East of Prince Albert, Sask.

PERSONNEL:

P. M. H. LeBlanc, D.L.S., in charge.

Assistant—
J. G. Wright, D.L.S.

Party—
3 employees.

The district east of Prince Albert was examined by this survey party. Monuments were established where the work was not extensive in the dried-up beds of lakes and a few section lines retraced. A large number of lakes, originally called marshes, were found, and around Jumping lake the land has been encroached on to a considerable extent. Carrot river, a portion of which was traversed, is very winding and its course is about the same as in the original survey.

The surface is rolling and partly timbered and although most of the area is patented much of the land is held by speculators and therefore not much improved. Hay can be obtained from the marshes surrounding the lakes, which is of great benefit to the settlers, most of whom are engaged in mixed farming.

Party No. 4.—Surveys North of Saskatoon, Sask.

The work of this party was confined to a group of about fifty townships lying immediately northeast of Saskatoon. The character of this district is fairly uniform, being nearly level or gently rolling prairie. Practically every quarter-section is under cultivation, and the farmers are engaged almost exclusively in growing wheat. This district is settled mostly by Mennonites who live in small villages and go out daily to their farms, sometimes a distance of five or six miles. This method of working has its advantages and disadvantages. The main advantage is that the people have their homes close together and at a very short distance from their schools, churches, and other places of meeting. Their home life is made more congenial, but the great drawback is the fact that a large portion of the farmer's time is spent going to and coming from his fields. The people appear to be getting tired of this kind of living and there seems to be a tendency, particularly among the younger generation, to abandon the village life and erect their homes close to their work.

PERSONNEL:

P. J. McGarry, D.L.S., in charge.

Assistant—
R. C. Manning.

Party—
3 employees.

Portions of both North and South Saskatchewan rivers were traversed. Each river is from twelve to twenty chains wide and from five to twenty feet deep. Both flow about five miles per hour and the water level is over one hundred feet below the level of the surrounding country. The banks are usually steep and thickly wooded.

Party No. 5—Surveys South of Swift Current, Sask.

The area where the surveys of this party were located extends from township 1 to township 10 across ranges 1 to 24 west of the Third meridian. All the townships are well settled and considerable improvement has been done on the roads. No railroad crosses this area and settlers have to haul their grain from thirty to sixty miles before reaching a station.

PERSONNEL:

G. C. Cowper, D.L.S., in charge.

Assistant—
E. L. Morehouse.

Party—
3 employees.

No large water areas were found but many shallow depressions having no outlet are filled with water during wet years. In dry years they become valuable hay meadows. Many of these sloughs could be drained and made to yield an assured crop of hay each year. Frenchman river drains a considerable part of southern Saskatchewan. It rises in Cypress lake, in tp. 6-26-3, and flows southeasterly, eventually joining Milk river in Montana. Its width varies from sixty links to two chains, and the valley varies from one to two miles in width and 100 to 350 feet in depth. The stream is very winding as its length is 216 miles in going 62 miles east and 31 miles south. The valley flat is mostly gumbo and is not very productive except where irrigated.

Party No. 6.—Surveys Northwest of Swift Current.

The district covered by the surveys of this party has been settled for ten or twelve years and the farmers have fine buildings and well tilled farms. At the westerly side the surface is hilly and is best suited for grazing. Lakes

PERSONNEL:

G. A. Bennett, D.L.S., in charge.

Assistant—
J. E. Gray, D.L.S.

Party—
3 employees.

which existed at the time of the original survey thirty years ago are now dry and producing good hay, or are valuable pasture. The soil is heavy clay loam, well suited for wheat growing.

A stadia traverse of South Saskatchewan river was made from the Fourth meridian easterly to tp. 23-20-3. A comparison of this traverse with the old survey made over thirty years ago showed large changes in the course of the river. Large islands have disappeared and former sandbars are now islands, grown up with willow and poplar. In many places the banks have been eroded to a depth of more than ten chains, while in others many areas of new land have been built up which are now covered with dense willow and poplar.

Party No. 7.—Surveys West of Battleford.

Operations in the district investigated by this party were begun in tp. 44-21-3 in which Cutknife hill is located, the scene of one of the battles of the Northwest Rebellion of 1885. This hill is the highest point in the vicinity. Nearly all the lakes are salty or alkaline and are drying up owing to the extensive draining operations being done and to climatic conditions. South and west from Battleford the lakes are shallow and so alkaline that the water is fit only for stock. Farther north however the lakes are salty and bitter holding clear deep sparkling water. Residents say that the water in these lakes is identical with that of Little Manito lake at Watrous which is famed as being of medicinal value. The water in Sherlock lake in tp. 44-28-3 seems to be a supersaturated solution, as immense quantities of crystalline material are deposited along the shore and on the bottom to a depth of three or four inches. The water tastes exactly like Epsom Salts. Practically the whole area has been settled during the last ten years, but it appears like an old settled district as the farms are well tilled, have good buildings, and everything appears up-to-date. Wheat growing is the main occupation but cattle raising is an important industry, on account of the vacant land furnishing good pasture.

PERSONNEL:

J. A. S. King, D.L.S., in charge.

Assistant—
A. S Campbell, D.L.S.

Party—
3 employees.

Party No. 8.—Surveys West of Lloydminster.

Investigations were begun by this party in the south part of the district as in the north part the valley of Vermilion river was flooded to a depth of from one to three feet until later in the season. Travelling through the Vermilion district is easy as there are many graded roads and frequent bridges with graded approaches on both valley slopes. Besides the traverse of all lakes within this area Vermilion river was traversed across ranges 9 to 5 in township 51 and Battle river from range 9 easterly to the Fourth meridian. The district along Battle river is well settled and produces good crops of grain. Mixed farming is followed throughout the district, the settlers raising cattle and hogs. The Edmonton City Dairy Co., have established agencies in most of the towns along the Canadian Northern railway. These agencies conduct a thriving business in dairy products with the farmers of the district.

PERSONNEL:

T. A. Davies, D.L.S., in charge.

Assistant—
A. H. King.

Party—
3 employees.

Party No. 9.—Surveys North of Macleod.

The district between Macleod and Lethbridge was investigated by this party as far north as Little Bow river, and this river was traversed across ranges 22 to 25. The course of the river has changed but little since the original

PERSONNEL:

W. J. Boulton, D.L.S., in charge.

Assistant—
W. A. Spence, D.L.S.

Party—
3 employees.

survey. A few nice flats which are at present used for grazing are available for cultivation. The river proves a valuable asset to the farmers as it furnishes water for stock. Oldman and Belly rivers were also partly traversed. A number of changes have taken place in the course of these rivers, many curves being cut off altogether and numerous slides having taken place. Highwood river runs through a regular sandstone and gravel gorge. Considerable spruce was found along the banks. During the traverse of Bow river it was found that many of the former islands have been washed away and many new islands formed. The irrigation canals from the river make the district suitable for farming.

Party No. 10.—Surveys Northeast of Red Deer.

The townships lying around Buffalo lake north of a line between Red Deer and Stettler were examined by this party. The surface is in general rolling, but a great deal is covered with scrubby poplar and willow. The soil is a rich dark loam with a good clay subsoil, producing a luxuriant growth of grass and also good crops. The farmers are mostly engaged in mixed farming. A great amount of hay is cut annually around the sloughs but of late years this is growing less as the water in the sloughs appears to be rising. A number of the small lakes could be easily drained as the slope is sufficient. Cygnet lake in tp. 38-1-5 is a large slough with very little open water. The Canadian Pacific railroad is graded across the centre of the lake. Some years ago the railway company dug a ditch to drain the lake into Red Deer river with the result that the lake was considerably lowered. Since 1914 however very little change has taken place in the shore line. The outlet appears to be filling up and if it were cleaned and deepened the amount of hay land would be greatly increased.

PERSONNEL:

W. H. Norrish, D.L.S., in charge.

Assistant—
D. E. Chartrand, D.L.S.

Party—
3 employees.

Party No. 11—Surveys Northeast of Edmonton.

This party examined about fifty townships northeast of Edmonton and extending westerly to the Fifth meridian. The surface is rolling or undulating with many poplar or willow bluffs. The only land not taken up consists of some muskegs and sandhills, but a number of good homesteads held by speculators are still lying idle. Around Morinville and Rivière-Qui-Barre, the land is poorly drained and has some low gumbo flats. Seeding here was delayed till June. Although hay is scarce, the dairying industry is active. Coal is mined near Morinville and Cardiff. Saskatchewan river was traversed for about 100 miles easterly from Fort Saskatchewan. It flows in a fairly narrow valley from 60 to 125 feet in depth with wooded steep banks or bare cut banks. The river bed is generally stony with many gravel and mud bars. The main channel has an average depth of nine feet. A small paddle-wheel steamer plies between Edmonton and the various points on the river as far east as Wasel in tp. 58-15-4. This is a great benefit to the farmers as the steamer carries grain and produce to the Edmonton market and saves the long hauls to a railway.

PERSONNEL:

H. M. R. Soars, D.L.S., in charge.

Assistant—
E. Nelson.

Party—
3 employees.

SESSIONAL PAPER No. 25a

TOPOGRAPHICAL SURVEY OF BOW RIVER FOREST RESERVE.

PERSONNEL:

M. P. Bridgland, D.L.S., in charge.

Party—
7 employees.

The lands within forest reserves not being available for homesteading, the survey of Dominion Lands is not extended into the reserves. For the proper administration of the forests, a good topographical map and some permanent reference points are necessary, and as this map and the points are not furnished by the regular township surveys, a special survey had to be undertaken for the purpose.

After consultation with the Forestry Branch a photo-topographical survey combined with traverse lines was decided upon as best meeting the requirements; the work was begun in the Bow River reserve. Traverse lines were run throughout this reserve and levels taken, and permanent monuments were established at suitable intervals. A photographic survey was also made, the necessary triangulation being based on the traverse. In all fifty-seven photographic stations were occupied. Some difficulty was experienced in obtaining suitable photographic stations, most of the hills being heavily timbered. Frequently stations could not be had where they were most needed. The reserve is in the foot-hill region, with rolling hills 5,000 to 6,000 feet above sea-level, or about 500 to 1,500 feet above the lower valleys.

INSPECTION OF SURVEYS.

PERSONNEL:

A. M. Narraway, D.L.S., Controller of Surveys.

G. J. Lonergan, D.L.S., Inpector of Surveys.

Until the year 1914 subdivision of Dominion lands was performed under contract. The contractor was paid so much per mile and furnished all the party and supplied the men, equipment and provisions necessary for the survey. All work was inspected and deductions were made for deficiencies unless corrected by the contractor. The inspection of a contract involved considerable work; five inspectors were necessary.

When subdivision by contract was abandoned in 1915, the mode of survey inspection had to be changed. Instead of checking the work executed and seeing that the terms of the contract were complied with, the equipment of the survey parties, the efficiency of their management and the supervision of their work are the points requiring attention. For this purpose, a Controller and an Inspector are sufficient. They visit all the parties, examine carefully the equipment, the management of the party, the food supplied, the men engaged by the surveyor, the methods of survey, etc. They assist in the organization of the parties, the purchase and distribution of outfits, the wintering of horses, storing and disposal of outfits, etc.

In general the Controller visited the parties working on base lines and subdivision, while the Inspector visited the stadia parties and those on miscellaneous surveys.

LEVELLING.

PERSONNEL:

J. N. Wallace, D.L.S., Director of Levelling.

Assistants.
J. B. Alexander, D.L.S.
L. O. R. Dozois, D.L.S.

Party—
12 employees.

The lines of levels are of four kinds, precise levels run along railway lines, levels run along travelled highways, levels run along meridians and base lines at the time of original survey, and township subdivision levels.

On precise level lines the limit of error is 0·015 feet in a mile, lines being run both forward and backward. If the limit of error is exceeded the mile is relevelled. These precise levels are the control lines for all other level lines, and are connected to a mean sea-level

datum. This connection in turn connects up all the other level lines run by this branch in Canada and thus places all the levels on the sea-level datum.

The second class of levels, run along travelled roads or other routes where no railway lines are available, have a limit of error of 0·030 feet per mile. These lines act both as an intermediate control between the lines of precise levels and other lines less accurate than themselves, and also record all local elevations needed for general information along their course.

Levels run along meridians and base lines were the first levels inaugurated and at present form most of the levels run. The limit of error is 0·10 feet in a mile. These early base line levels were not connected and there was no means of comparing the elevations of one line with those of another. The running of the precise and secondary levels serves to connect these base lines and to place them on sea-level datum. Where precise levels have been run across these base lines it has been found that the base line levels are not sufficiently accurate, long lines of levels run under the exigencies of original survey being liable to a greater accumulation of error than the average leveller can be brought to realize. These connections show the need for more precise and secondary level lines.

Subdivision levels are run so as to form closed circuits the closing error averaging less than half a foot in an eight-mile circuit. Sufficient information is secured from these levels to place contour lines on the township plan, the positions of the contours being accurate where they cross levelled lines, while the connection of each contour from line to line is sketched in.

Only one party was employed on precise levelling last season and there was also a decrease in the mileage of meridian and base line levels, and of subdivision levels due to the curtailment of survey work.

The following table shows the miles of levels run during the year, and the total mileage at the end of the year:—

	Season of 1917.	Total.
Precise levels	331	3,139
Secondary levels	323	998
Meridian and base line levels	498	11,887
Subdivision levels	2,335	6,693
Other lines of levels	.....	321
Total	3,487	23,038

ALBERTA AND BRITISH COLUMBIA BOUNDARY.

In 1917 work was commenced on the second section of the British Columbia and Alberta boundary survey, viz: between the main lines of the Grand Trunk Pacific and the Canadian Pacific railways. The methods, distribution of the work, and composition of the parties were similar to those of the preceding years. Mr. R. W. Cautley representing the Dominion and Alberta Governments was in charge of the survey of the watershed across the passes where concrete monuments were built and Mr. A. O. Wheeler, representing the British Columbia Government was in charge of the photo-topographical survey of the watershed between the passes and of the placing of brass bolts and cairns at points above timberline and at points where concrete monuments could not be built. The first work done was at Howse pass about thirty miles northwest from Kicking Horse pass. It is 319 feet lower than Kicking Horse pass and was the southerly main route of travel of the North West Fur Trading Company across the continental watershed. It was discovered by David Thompson in 1807 and was named after Joseph Howse who was the first Hudson Bay trader to establish a post west of the Rockies.

PERSONNEL:

R. W. Cautley, D.L.S., Commissioner for Canada and Alberta.
A. O. Wheeler, D.L.S., Commissioner for British Columbia.

Assistants—
A. J. Campbell, D.L.S.
T. R. Brown.

Party—
11 employees.

The boundary was also marked through Yellowhead pass which is at present the lowest railway pass across the continental divide. This pass was used by the Shuswap Indians in their journey from Kamloops to Jasper House where they traded with the fur companies. It was also used by voyageurs in going from the headwaters of the Athabaska to those of the Fraser, but was abandoned on account of the difficulty of navigating the latter river. The pass was named after an Indian named "Tete Jaune" who seems to have been a man of some distinction in the neighbourhood.

Since the construction of the railroad the trails leading through the pass have fallen into disuse and are difficult to travel on account of windfall and washouts. Splendid timothy hay grows along the old tote roads and berries of almost all kinds are to be had in great abundance on both sides of the summit.

TIMBER BERTHS AND MINERAL CLAIMS.

Two timber berths were surveyed and portions of two others comprising in all twenty-one and a half miles of boundary line.

The regulations for the disposal of quartz mining claims require that the recorded owner of a mineral claim shall have a survey thereof made at his own expense by a duly qualified Dominion land surveyor under instructions from the Surveyor General within one year from the date upon which he is notified to do so by the proper officer of the Department of the Interior. Eighty-six claims were surveyed, principally in Manitoba. The mineral in the Rice Lake district in the southeastern part of the province is gold-bearing quartz. Around Flinflon, Beaver, and Herb lakes, north of The Pas, rich copper ores have been located.

SETTLEMENTS AND TOWNSITES.

This work was very limited. Small settlements were surveyed at Sandilands and Sturgeon Landing in Manitoba, and at Drumheller in Alberta.

The subdivision at Sandilands in tp. 4-9-E, was made in acre lots. The settlement is situated in low level swamp lands and the district is furnishing a considerable supply of cordwood for use in Winnipeg.

Sturgeon Landing is at the head of navigation from The Pas and all parties going to the mines at Schist and Athapapuskow lakes or the north country call there.

Drumheller is a flourishing coal mining town in the valley of Red Deer river on the Canadian Northern railway about eighty-five miles northeast of Calgary. The coal mined is of a semi-bituminous variety and is used extensively throughout the West for domestic purposes. Many of the miners had squatted on the land in question and the subdivision was made in such a manner as to allot to each squatter his improvements.

PART II—OFFICE WORK.

SURVEY INSTRUCTIONS AND ACCOUNTS.

Under the direction of the Supervisor of Field Work and Accountant, the programme of survey operations was prepared and the amount of money required to carry out the proposed scheme estimated. For this purpose a record is kept of all requests for surveys. The trend of settlement as indicated by homestead entries, the staking of mineral claims, the disposal of timber limits, etc., are also taken into consideration.

The instructions to surveyors, describing the surveys which they were to make, were drafted by this division. Stock accounts are kept of the equipment available, which is distributed among the parties.

The surveyors' accounts were checked and paid. All office expenditure was checked and paid by the accountant. He also prepared the office pay-lists and checked the attendance.

DIVISION OF SURVEYS INFORMATION.

The work of this division comprises the answering of requests for information relating to surveys; the preparation of information to accompany the instructions to the surveyors in the field; the issuing of preliminary township plans; the entering of survey returns in the various registers; the issuing of the annual report and other publications, and generally work not specially assigned to other divisions.

About 2,000 plans and sketches are required each year to accompany the instructions to the surveyors in the field.

The returns from the surveyors in the field are first received in this division. After being entered up in the various registers, they are forwarded to another division for examination.

In addition to the annual report, the "Description of and Guide to Jasper Park" was prepared and is now in the printers' hands. It is expected that it will be issued in time for the 1918 tourist season. The book will be accompanied by a map in six sheets on a scale of about one mile to an inch.

The preparation of the "Catalogue of Maps in the Collection of the Geographic Board of Canada," which was commenced last year, has now been completed. This consists of a graphical index in twelve sheets and a list of the maps in the collection of the board, giving for each map the title, scale, size, name of publisher and date of publication. The index sheets have already been printed and the list of maps is ready for the printer.

DIVISION OF EXAMINATION OF RETURNS OF SURVEYS.

The work of this division comprises the examination of the returns of survey of all Dominion lands and the preparation of all official plans thereof. It includes the examination of all mineral claim surveys and of all plans of railways and provincial roads.

The part of the staff working on British Columbia surveys has now been brought from the Imperial building and their filing space consolidated with the furniture of the remainder of the staff in the head office.

In the early part of the year the staff is engaged upon the examination of the surveys of the preceding year. In the summer and autumn the surveyors' progress reports and the stadia surveyors' field notes and plots are received and examined to see that correct methods are being employed and satisfactory results are being obtained. Progress sketches to the number of 1,064 were examined and 8,757 miles of stadia surveys, comprising 204 field books and 1,159 plots, were examined and compiled upon township plans. As in former years, a number of stadia surveyors came into the office during the winter to assist with the preparation of the official township plans showing their work.

The township plans showing by which surveyor each monument was erected have proven their worth. This information has been placed on each of the 741 township plans and 52 miscellaneous plans compiled during the year.

Increased accuracy has been observed in the surveys performed under the new method of subdivision and recorded in the new field books specially designed for field

use. Not only are the field notes more accurate, but information contained is much more complete and reliable. The topographical sketches now submitted by the surveyors on the new forms bid fair to become a most important source of information concerning the country being surveyed.

Our present practice of not showing the areas on our township plans for lands that have been patented has occasioned numerous requests from individuals, companies and municipalities for the areas according to the latest surveys of quarter-sections previously patented. The department having decided to furnish this information, the parties requesting it are informed how the areas would have been shown if the lands had still been Dominion lands at the date of the issue of the plan; including information furnished to other branches of the department, 247 sketches were prepared and 3,308 areas supplied.

The returns of survey of the boundary between Alberta and British Columbia for the season of 1916 were examined and the first part of the report of the Commissioners, including the operations from 1913 to 1916 inclusive, was revised and sent to the Printing Bureau for publication. It is expected that this report, together with the map atlas accompanying it, will be published during 1918.

Indexes were prepared for the albums of photographic views taken by Messrs. A. O. Wheeler, B.C.L.S., 1913-17; M. P. Bridgland, D.L.S., 1913, 1916, and 1917; and R. D. McCaw, B.C.L.S., 1913.

The compilation of group maps of the Yukon Territory was completed for practically all districts containing surveys. While surveying in the Yukon has practically ceased, there has been a marked increase in the number of mineral claim surveys in Manitoba. Returns for 166 claims outside of the Yukon were received, including 22 iron claims on the Belcher islands in Hudson bay and 14 claims in British Columbia.

The topography of 126 townships was prepared from the survey returns and furnished to the Calgary office in connection with levelling.

The number of provincial road plans has remained about the same as in former years, 540 plans having been examined, the combined mileage of which exceeded 1,000 miles.

The railway plans examined during the year also exceeded in mileage 1,000 miles. As several copies of many of the plans were submitted, the gross mileage was 2,142.

DRAFTING AND PRINTING DIVISION.

In other divisions returns of survey are examined and plans compiled. The work of the Drafting and Printing Division consists mainly in redrawing these plans for reproduction, special attention being paid to neatness, arrangement, lettering and general appearance. Type is coming more and more into use in copying, as it proves to be much quicker and gives more uniform results than hand lettering. Only in the case of the finest maps is hand lettering still employed.

Township Plans.

As in former years these constitute the great majority of the plans, 984 having been prepared for printing. Their preparation is thoroughly systematized and every means possible is used to lessen the work. Various printed forms are used showing roads, section numbers and quarter-section lines of the different systems of survey so that by adding numerical data, topography and descriptive matter the plan is soon prepared. Titles and foot-notes are printed on a small type press and attached to the plan by means of photographic dry mounting tissue.

Plans of Subdivisions, Settlements, Townsites, and Miscellaneous Surveys.

Eighty plans of this kind were prepared. Among them was a map of the central part of Jasper Park in six sheets, scale 1: 62,500, or 1·014 inches to the mile with contour intervals of 100 feet and printed in four colours. This map of Jasper Park has also been printed on a single sheet on a reduced scale of 1 :125,000 also in four colours. Sketch maps of the country adjacent to base lines run during the previous season and profiles of the lines are being prepared.

Miscellaneous Work.

One hundred and twenty-three miscellaneous jobs were done. These included a great variety of work as for example the illustrations for the preliminary and final editions of the Manual, several editions of the Astronomical Field Tables, maps to accompany orders in council, and a series of index maps for the Geographic Board. In addition 63 plans were mounted on linen for office use and 22 commissions and certificates were engrossed for the D.L.S. Board.

Storing and Distribution.

As the drafting room is convenient to the store-room, the distribution of sectional maps and other matter is undertaken by this division. The stock of sectional maps is checked monthly and a report of the stock sent to the Chief of the Sectional Map division for the purpose of reprinting before the stock runs too low. In the store-room also are kept old files of letters and papers not frequently called for, as there is not enough room to store them in the correspondence room. The giving out of these files is also undertaken by this division.

SECTIONAL MAP DIVISION.

The regular work of the office consists of:—

(1) Compiling and drafting sectional maps.
(2) Editing pamphlets of surveyors' reports.
(3) Preparing sketch maps sent in by base line surveyors.

New editions of seventeen sectional maps were compiled and nine others are in hand. One new sheet, Dawson, No. 1052, covering the famous gold mining region in the Yukon Territory was compiled. The contouring of sectional maps, begun last year in the surveys office at Calgary, has been continued. When a new sheet has been complied or an old one revised, a tracing and two prints are sent to the Calgary office There contours are added to the tracing which is then returned, and after adjustment. the contours are added to the finished sheet. Seventeen sheets were dealt with in this way.

The township reports received from surveyors for the year from April 1, 1916, to March 31, 1917, were prepared and printed in four pamphlets containing 134 pages. The preparation of reports for the year from April 1, 1917, to March 31, 1918, is now in hand.

Two sketch maps by base line surveyors, covering 308 miles of line run and 3,500 square miles of new country explored, were examined and afterwards coloured in such a way as to show the nature of the soil and the kinds and extent of the timber.

For some time it has been felt that something should be done to prevent duplication of the names of physical features and generally to secure suitable names in the new districts being opened up. When a district has been settled and names given by the settlers have found their way into maps, it is very difficult to make changes. The

only way is to examine names as they appear in the surveyors' returns. This work has been taken up by this office and all plans, sketches, reports, and field notes sent in by surveyors are now carefully examined for new names of features. Names that are considered suitable and are not duplicates of names already in use are accepted and the surveyor is asked to give a reason in each case why such name has been used. If the names are objectionable either in themselves or by reason of duplication the surveyor is asked to suggest others. It is hoped in this way to secure suitable names for the chief features in a district and to avoid the use of objectionable names which is sure to occur if the naming of features is left to the incoming settlers. The returns examined in this connection consisted of 40 general reports, 277 plots, plans, and sketches, and 66 field-books.

SPECIAL SURVEYS DIVISION.

Base Line Surveys.

Instructions for base line surveys were drafted and the surveys and closings checked. On base line surveys made during recent years the surveyor has no check on his work after leaving his initial point until he reaches his objective, usually from 140 to 180 miles distant. He relies solely on his azimuth observations for maintainng the proper direction of his line. Of the base line surveys made during 1917, only two lines were closed between initial meridians. One of these, 143 miles long, surveyed from the Fifth to the Fourth meridian intersected the latter meridian only twelve feet from the post which formed the objective point. The other line, 180 miles long, portions of which had been surveyed previously, was closed westward on the Second meridian, the line intersecting the meridian only thirteen feet from the objective point. Much greater accuracy has been observed in the surveys of base lines and meridians made during recent years, due to improved instruments and more careful methods. In the bearings especially greater accuracy could hardly be expected. The accurate measurement of the lines is a more difficult problem and while there has been a great improvement in this respect there is still something to be desired.

The work of checking old base lines and meridians has been continued. Until the retracements on the ground are completed, an accurate report on this work cannot be made. The examination is based on latitude observations of precision, taken with a zenith telescope, and carefully connected. The results of the observations are given in Appendix No. 4.

Astronomical Work.

Azimuth Observations.—The astronomical observations for azimuth taken on the base lines surveyed since those published in the last annual report, have been examined and the results tabulated. The field-work appears of the same high degree of accuracy as that of the immediately preceding years, and does not seem to be susceptible of much improvement under the usual survey conditions. The accuracy obtained in the astronomical work of observing for azimuth on the survey of governing lines, is much greater than that obtained in the production of the line or in its linear measurement. In other words if the length of the line could be measured as accurately or with as much surety as the azimuth is determined little would remain to be desired in the chaining.

The one factor which more than any other has interfered with accurate production of the line in azimuth has been the nature of the ground surface. A firm unyielding surface is ideal, but where a large muskeg or mossy area extends over several ranges or townships an examination of the azimuth records will certainly show larger deflections in bearing than in ordinary woodland, although the observing itself is usually done with such care that the range between observations at a station does not alter to a noticeable extent.

Astronomical Field Tables.—The four sets of tables for the position of Polaris and the table giving the right ascension and declination of the sun were computed and printed as usual. Two of the former give the azimuth of Polaris for every twentieth township while the other two give it for every second degree of latitude up to 56°. The periods covered by these tables are:—

October 7 to December 14, 1918.
August 15 to October 7, 1919.
June 2 to August 16, 1920.

and

December 14, 1918 to March 7, 1919.
March 8, 1920 to June 2, 1920.

Pamphlets explaining the use of these tables and giving specimen observations have been printed in English and in French.

Magnetic Surveys.

Thirty-nine surveyors were instructed to observe for magnetic declination, and during the surveys made by R. C. Purser, D.L.S., and E. S. Martindale, D.L.S., observations for magnetic dip and total force were taken at twenty-four stations. The instrumental constants of the dip circles as determined at Agincourt both at the beginning and end of the survey season show a probable error of less than 0·00010 c.g.s., in each case from the mean of at least six observations. At every station a complete observation for magnetic dip and total force, consisting of a dip, a total force, a dip, a total force, a dip, a total force and a dip, was taken. The average range was found to be comparatively small.

The index correction to the compass of every transit used for observing was determined both at the beginning and end of the survey season. If the change was small, the mean correction was used in the reduction of the observations. If a serious discrepancy was found between the two determinations it was investigated, and if the discrepancy could not be satisfactorily explained the obsevations taken with the instrument were rejected. The observations have been reduced by means of the continuous photographic records of the declinometer at Meanook, Alta.

Declination observations received for 1917	1,306
Previous returns since 1908	11,300
Total returns to date	12,606
Dip observations received for 1917	99
Previous returns since 1908	599
Total returns to date	698
" force observations received for 1917	74
Previous returns since 1908	437
Total returns to date	511

Surveys Laboratory.

Complete tests were made of seven D.L.S., subdivision transits, twenty clinometers, and five aneroid barometers. Partial tests were made of one hundred subdivision transits and one level. Nine optical tests were made of transit telescopes and eyepieces and adjustments made to four surveying cameras.

Fourteen sidereal watches were submitted for trial and passed through complete tests in accordance with the Bureau of Standards method for a Class A certificate. Four out of the fourteen, that is 29 per cent, passed the test.

Ninety-six stadia cards were computed, printed, and issued to the surveyors.

At the Comparator building, the lengths and weights of twenty-four tapes of all kinds were determined and comparisons made of four standard scales and five office

scales. Fifteen inter-comparisons of the laboratory standards and three hundred and fifty comparisons of the standards with the base were made.

The comparator base was verified fifty-five times by the standard four-metre rule.

The work done at the Surveys Laboratory is given in more detail on page 32.

Surveying Instruments.

Repairs were made to sixty-two transit theodolites, forty-five levels, forty-eight stadia rods, six precise level rods, three surveying aneroids, twelve surveying cameras, seven instrument cases, two kodaks, thirty-two tripods, and ten miscellaneous instruments.

Eleven sidereal watches were overhauled and readjusted.

In connection with the inspection of instruments and outfitting of the surveyors, 275 cases aggregating 7½ tons (15,215 pounds) were shipped from this office and 195 cases aggregating 5 tons (10,450 pounds) received.

A statement of instruments on hand on March 31, 1918, showing also the instruments purchased and sold during the year is given in appendix No. 6.

General Work.

The 450 courses of the retracement made by R. B. McKay, D.L.S., of about 100 miles of the Canadian Pacific Railway traverse were reduced to latitudes and departures, and the errors between the posts tied to were thus computed. A table of the errors in position of these posts was then prepared, the ties to the triangulation stations being used to control the results. Formerly the errors of only a few posts which had been tied to triangulation stations were known, and the results of this survey have confirmed those ties and have shown at what points the errors occurred. Difficulties over the latitudes and longitudes of the interprovincial boundary sheets near the railway and over the positions of monuments in the railway belt itself can now be solved.

PHOTOGRAPHIC DIVISION.

The staff consists of general photographers, and process photographers.

The photographs taken by surveyors in the field to illustrate their reports were developed, printed and indexed by the general photographers. They also developed the plates for the photographic surveys and made the enlargements required for plotting the plans.

About one-half of the time of the process photographers was spent in making wet-plate negatives of plans and maps for reproduction and preparing the zinc plates for lithography. During the other half of the time they were engaged on work for the plotting and drafting branches, such as the reduction of the enlargement of plans, copying photographs, etc.

Considerable work has also been done for other branches of the department, for the Printing Bureau, and for other departments.

Below is a summary of the work:—

Dry plates and films	1,577
Bromide prints	2,148
Velox prints	3,634
Vandyke prints	176
Blue-prints	375
Lantern slides	92
Photographs mounted	1,679
Wet plate negatives	2,124
Photo-litho plates	709
Total	12,514

LITHOGRAPHIC DIVISION.

This division was organized thirty-seven years ago for the purpose of printing township plans and sectional maps. The peculiarity of this work is that the editions are very small, seldom exceeding two or three hundred, while the number of plans and maps is very large. It was found that commercial firms were not equipped for doing this kind of work and that the delays in getting the plans printed were extremely inconvenient. Land cannot be opened for entry until the official plan of the township is issued; it can readily be understood that any delay in printing the plan interferes seriously with settlement.

Advantage is taken of the existence of the Lithographic Division for printing the numerous forms used on the surveys and at the head office, the skeleton plans to be inked by draftsmen, the township index, a few topographical or other maps, and general lithographic work for other branches or departments, but the main purpose of the division is to print township plans and sectional maps. The relative importance of the various classes of lithographing is shown by the value, at Printing Bureau rates, of the work for the fiscal year:—

1,036 township plans	$35,506 90
66 sectional maps	5,344 11
173 sundry lithographic jobs	20,590 46
	$61,441 47

In the above estimate, paper is put in at cost, $5,041.70. Paper had at the time increased 50 per cent and would have been charged at the increased price had the work been given out to the trade.

The actual cost to the Government, taking into account rent of buildings, power and light, heating, cleaning, firemen, caretaker, interest on plant, depreciation and fire insurance, is as follows:—

Process photographers	$ 7,212 92
Lithographers	23,922 77
Total cost	$31,135 69
Value of work at Printing Bureau rates	61,441 47
Profit	$30,305 78

It is thus seen that the cost is about one-half of what would have been paid if the work had been given out at Printing Bureau rates. It might be thought that the Bureau rates are excessive, but such is not the case. Careful inquiry has established the fact that they allow no more than a fair margin of profit. The explanation of the results obtained is to be found in the perfection of our equipment and the efficiency of our organization.

CHIEF INSPECTOR OF SURVEYS.

The staff of the Chief Inspector of Surveys has been engaged in collecting information on the districts and townships suitable for the settlement of returned soldiers. An examination was made of the survey records in the department; information was collected from the different surveyors, maps, reports, etc., and it was furnished to the Soldiers Settlement Board to assist in placing returned soldiers on the land.

BOARD OF EXAMINERS FOR DOMINION LAND SURVEYORS.

The Board of Examiners for Dominion Land Surveyors held three meetings. The first was a special meeting lasting from April 30 to May 25 (inclusive), 1917, during which examinations were held at Ottawa and Calgary. The second was another special meeting which took place on October 19, 1917. The third was the regular annual

meeting called for by section 9 of the Dominion Lands Surveys Act. It began on Monday, February 11, 1918 and lasted until March 13, 1918. During this meeting examinations were held at Ottawa and Calgary. The total number of candidates for examination was 54. Of these 39 tried the preliminary examination and 15 tried the final examination.

Eight candidates were successful at the preliminary examinations as follows:—

Preliminary Examination.

1. Adams, Albert Oliver, Ottawa, Ontario.
2. Ahern, Philip Charles, Ottawa, Ontario.
3. Ingersoll, John Nelson, Ottawa, Ontario.
4. Markham, Edwin, Regina, Saskatchewan.
5. Salton, George H., Ottawa, Ontario.
6. Spratt, Maynard J., Ottawa, Ontario.
7. Webster, R. C. Peter, Ottawa, Ontario.
8. Whittaker, David, Beaver Mines, Alberta.

Eleven candidates were successful at the final examination as follows:—

Final Examination.

1. Dunn, Thomas Hamilton, Ottawa, Ontario.
2. French, Merritt Henry, Calgary, Alberta.
3. Harris, Ley Edwards, Calgary, Alberta.
4. Howe, John Parnell, Pembroke, Ontario.
5. Lyon, John Edward, Ottawa, Ontario.
6. Ney, Cecil Herman, Toronto, Ontario.
7. Patterson, John Herbert, Kinosota, Manitoba.
8. Prinsep, Garnet T., Ottawa, Ontario
9. Read, Hiram Earl, Edmonton, Alberta.
10. Wing, Daniel Oscar, Montreal, P.Q.
11. Wright, James Goldwin, Valleyfield, P.Q.

The time of the board during the meetings, was largely taken up with the reading and valuation of the candidates' answer-papers. Complete sets of question papers, to be used at the next examination, were also prepared. In addition to this the evidence submitted by candidates at the final examination, in proof of their eligibility therefor, had to be examined. This evidence consisted of certificates of Provincial land surveyors and of affidavits of service under articles of apprenticeship.

The board had to consider several applications from college and university graduates asking to be admitted to the privileges of section 22 of the Surveys Act, which provides for a shorter term of service under articles.

Eleven commissions were issued to candidates who had passed the final examination and had furnished oaths of office and allegiance and bonds for the sum of one thousand dollars, as required by section 25, of the Dominion Lands Surveys Act.

Ten certificates of preliminary examination were issued to successful candidates who had complied with the requirements of the law.

Section 35 of the Dominion Lands Surveys Act provides that every Dominion land surveyor shall be in possession of a subsidiary standard length. Nine new standards were issued to surveyors and two measure which had previously been supplied were tested by the department.

It was represented by a large number of Dominion land surveyors that it was very inconvenient for them to take the D.T.S. examination which has heretofore been held annually in February as in a great many cases the review of the work had to be done after the completion of the regular season in the field which afforded them little time for preparation.

Under the circumstances the Board of Examiners have deemed it advisable to postpone the D.T.S. examination to the date of the special sitting of the Board which is held every spring, usually early in May.

The Board of Examiners passed a resolution to the effect that during the continuance of the war, the fees connected with the examination and payable to the secretary, shall not be exacted from returned soldiers or from any person who has attempted to enlist but has been rejected for physical reasons.

SURVEYS LABORATORY.

The work at the laboratory during the year has continued to be affected by conditions arising out of the war. Regular routine testing work has been the main occupation of the staff, with such special investigations and research as the reduced numbers and other conditions would permit. As in the past, lack of space has been a serious handicap in the carrying on of certain branches of the work and this becomes more acute year by year. The following is a brief outline of the work accomplished.

Metrology.—In accordance with the policy of obtaining data relative to the permanency of the laboratory standard tapes and the variation of the base, the regular weekly base determinations and standard tape comparisons have been continued throughout the year. Three holes have been drilled in the concrete monolith one at the centre and the others at about 8^m and 24^m from the zero end. Thermometers, placed in these holes enable the temperature of the monolith to be observed. This additional information should enable the degree of relationship between the length of the base and its temperature to be established.

In comparing the 4^m rule with the one metre standard, it is necessary to apply a small correction to the sum of the lengths of the four single metres, owing to the natural flexure of the 4^m rule, and also a slight curvature in the horizontal plane. The correction was computed from the measurements of the relative inclinations of the four one-metre chords of the 4^m rule, made optically by utilizing two collimators.

New bench-marks have been installed on the piers of the comparator base. The graduations on these are very fine, and the rulings being spaced at only $0{\cdot}1^{mm}$ apart, the accurate determinations of tape lengths by direct estimation of the interval between the tape and bench-mark graduations are greatly facilitated.

New thermometer-supporting guards of neat design have been installed along the track of the base. These, while affording ample protection to the thermometers, hold them close to the tape under test. A further improvement has been effected in the provision of sliding suspension racks for the standard tapes. These permit of the tapes being easily handled when the racks are lowered, while at other times they are raised so that the hanging tapes will not hamper the movement of the workers.

Transits, Levels, etc.—The usual volume of regular tests and inspections has been carried out.

In this section a large number of telescopes are tested annually. It is desirable that telescopes of various sizes and powers may be classified in such a manner that will show at once the performance to be expected. Several different methods of test are used elsewhere, but as far as known none of these is entirely suitable for the class of work undertaken by the laboratory. A series of investigations and experimental work with the object of determining such a standard have recently been completed. The results of these investigations were successful in that the laboratory now has a method of testing telescopes suitable for surveying instruments and other purposes. A separate pamphlet, "Bulletin No. 41—Tests of Small Telescopes at the Laboratory of the Dominion Lands Surveys," has been published describing the method and also the investigations which led up to its development.

Thermometers.—Besides the usual ice point determination for the "verre dur" thermometers, used in the metrological building, these thermometers were intercompared among themselves, and with a standard thermometer recently tested by the Bureau of Standards, Washington. The comparisons which were made in the thermometer comparator confirmed the corrections originally found for these thermometers at the National Physical Laboratory.

Aneroids.—Aneroids are now regularly tested by the methods followed by the Bureau of Standards. Some investigations have been commenced which it is hoped

will show whether any improvement can be made in the test, principally having in mind the class of work for which the aneroids tested at the laboratory are to be used.

Watches.—Fourteen watches passed through the Surveys Laboratory test which is similar to that of the Bureau of Standards for a Class A certificate. Four, that is 29 per cent, passed the test.

The results of the trials of the watches which passed are tabulated below.

Results of Watch Tests.

(Bureau of Standards Method.)

Passed.

Name.	Maximum values allowable.	Waltham Watch Co.				Means.
Number of watch	.....	T.S. 802	18028596	18028568	18028542	
Escapement, balance spring, etc	.....	D.r., g.b., l.e., s.o.	D.r., g.b., l.e., s.o.	D.r., g.b., l.e., s.o.	D.r., g.b., l.e., s.o.	
Mean deviation of daily rate	0s.75	0.38	0.50	0.38	0.48	0.43
Mean of daily rates for each pair of position tests	.....	+4.56	+3.57	+0.85	−0 08	2.26
Deviation for change of position	3s.0	1 58	1.20	2.16	2.28	1 80
Maximum difference between mean rates of position tests	10s.0	5.74	4.40	9 44	7.55	6.78
Difference between mean rates of P.U. and D.U. positions	5s.0	1.80	0.98	3.72	2.92	2.35
Difference between mean rates of D.U. and D.D. positions	4s·0	0.60	0.01	0.77	0.74	0.53
Progressive change of rate for position tests	3s.0	+0.47	+0.32	−0.48	+0.65	0.48
Recovery of rate	6s.0	+0.30	−0.16	−1.57	+4.93	1.74
Change of r. per 1° C.—						
A						
4:4–18:3	.....	−0.14	−0.18	−0.26	−0.09	0.17
B						
4:4–32:2	0s.20	0.00	−0.05	−0.13	+0.05	0.06
Algebraic difference between A and B	0s.3	0.14	0.14	0.14	0.14	0.14
Isochronism error	3s.0	+1.3	+0.2	+0.9	+1.0	0.8
Relative performance	.....	60.0 p.c.	56.7	44.8	38.3	

D.r. = Double roller; g.b. = Going barrel.

l.e. = Lever escapement; s.o. = Single overcoil.

P.U. = Pendant up; D.U. = Dial up; D.D. = Dial down.

For the four watches which passed the test, the average variation of daily rate for the position and temperature tests were as follows:—

Position Tests.					Temperature Tests.		
P. U.	P. R.	P. L.	D. U.	D. D.	D. U.	D. U.	D. U.
90 F.	90 F.	90 F.	90 F.	90 F.	40 F.	65 F.	90 F.
0s.39	0s.65	0s.60	0s.35	0s.38	0s.30	0s.40	0s.24

The smallest mean deviation of daily rate was 0s.38, as compared with 0s.23 in 1916 and 1917.

The average errors for position were:—

P.U.	P.R.	P.L.	D.U.	D.D.
2s·48	3s·15	2s·55	0s·35	0s·47

The smallest mean deviation for changes of position was 1s.20, as compared with 0s.66 in 1917 and 0s.75 in 1916.

Comparing the average errors with those for 1916 and 1917 we have the following:—

——	1916.	1917.	1918
	s.	s.	s.
Average mean deviation of daily rate	0.49	0.36	0.43
" " " for change of position	2.08	1.79	1.80
" change of daily rate per degree centigrade	0.09	0.09	0.06

The average isochronism error for the four watches passing test was 0s.8, and the average marks obtained 50·0; the highest 60·0.

Of the watches which failed, two, or 20 per cent failed in position only; one, or 10 per cent failed in temperature correction only, and one, or 10 per cent, in deviation of daily rate only. The remaining six, or 60 per cent, failed to pass more than one tolerance. Of the latter, four, or 40 per cent of the total failures, failed in both position and temperature correction.

APPENDIX No. 1.

AREA OF SURVEYED LAND IN MANITOBA, SASKATCHEWAN, AND ALBERTA.

Period.	Acres.	Number of Farms of 160 Acres each.
Previous to June, 1873	4,792,292	29,952
1874	4,237,864	26,487
1875	665,000	4,156
1876	420,507	2,628
1877	231,691	1,448
1878	306,936	1,918
1879	1,130,482	7,066
1880	4,472,000	27,950
1881	8,147,000	50,919
1882	10,186,000	63,662
1883	27,234,000	170,212
1884	6,435,000	40,218
1885	391,680	2,448
1886	1,379,010	8,620
1887	643,710	4,023
1888	1,131,840	7,074
1889	516,968	3,231
1890	817,075	5,106
1891	76,560	476
1892	1,395,200	8,720
1893	2,928,640	18,304
1894	300,240	1,876
1895	406,240	2,539
1896	506,560	3,166
1897	428,640	2,679
1898	859,840	5,374
1899	1,022,720	6,392
1900 (first 6 months)	735,480	4,596
1900–1901	1,603,680	10,023
1901–1902	2,553,120	15,957
1902–1903	6,173,440	38,584
1903–1904	12,709,600	79,435
1904–1905	10,671,520	66,697
1905–1906	4,973,920	31,087
1906–1907 (9 months)	3,819,700	23,873
1907–1908	6,123,040	38,269
1908–1909	7,412,870	46,330
1909–1910	7,423,200	46,395
1910–1911	5,683,200	35,520
1911–1912	5,146,080	32,163
1912–1913	5,155,520	32,222
1913–1914	5,193,280	32,458
1914–1915	4,484,960	28,031
1915–1916	3,112,640	19,454
1916–1917	2,221,280	13,883
1917–1918	1,323,360	8,271
	177,583,585	1,109,892

APPENDIX No. 2.

SCHEDULE of Surveyors employed and work executed by them.

Akins, J. R., St. Catharines, Ont.—

Survey of the 28th base line between the Fourth and Fifth meridians.

Bennett, G. A., Tillsonburg, Ont.—

Stadia surveys in tps. 29 and 30-9-3; tps. 29 and 30-10-3; tps. 29 and 30-11-3; tps. 23 to 30-12-3; tps. 23 to 28-13-3; tps. 21 to 30-14-3; tps. 21 to 29-15-3; tps. 21 to 30-16-3; tps. 17, 18, and 22 to 30-17-3; tps. 17, and 23 to 26-18-3; tps. 16, 17, 19, 20, 21, and 23 to 26-19-3; tps. 16 to 26-20-3; tps. 16 to 26-21-3; tps. 21 to 26-22-3; tps. 21 to 26-23-3; tps. 17 to 26-24-3; tps. 18 to 26-25-3; tps. 18 to 26-26-3; tp. 18 to 23-27-3; tps. 18 to 23-28-3; tps. 17 to 23-29-3; tp. 18-30-3; tp. 22-1-4.

Blanchet, G. H., Ottawa, Ont.—

Survey of the 21st base line across ranges 17 to 26; the 22nd base line across ranges 18 to 26; and the 23rd base line across ranges 20 to 26, all west of the Third meridian. Survey of part of north outlines of tp. 80-16-3; tp. 84-17-3; tp. 88-19-3.

Boulton, W. J., Wallaceburg, Ont.—

Stadia surveys in tps. 8 to 14-22-4; tps. 8 to 14-23-4; tps. 8 to 14-24-4; tps. 8 to 14, 18, 20, 21, and 22-25-4; tps. 8 to 14, 20, and 21-26-4; tps. 9 to 14, 19, 20, and 21-27-4; tps. 9 to 12, and 19-28-4.

Bridgland, M. P., Calgary, Alta.—

Photo-topographical surveys in Bow River forest reserve.

Brenot, L., Ottawa, Ont.—

Partial subdivision of tps. 85 and 86-18-6; tps. 85 and 86-19-6; and tps. 84, 85 and 86-20-6.

Buchanan, J. A., Edmonton, Alta.—

Subdivision of tps. 91 and 93-22-5; tp. 90-23-5; tp. 92-24-5. Partial subdivision of tps. 89, 91 and 94-23-5; tps. 89 and 93-24-5.

Calder, J. A., Lytton, B.C.—

Subdivision in tps. 20 and 21-24-6; tp. 6-25-6; tps. 21 and 22-26-6; tp. 21-27-6; tps. 3 and 4-28-6; tp. 3-3-7; and tp. 18 E.C.M. Retracement in tps. 20 and 21-24-6; tp. 6-25-6; tps. 21 and 22-26-6; tp. 21-27-6; tp. 3-28-6; and tp. 18 E.C.M. Traverse in tp. 6-25-6; tp. 21-27-6; tp. 21-26-6; tp. 3-3-7; and tp. 18 E.C.M.

Christie, W., Prince Albert, Sask.—

Subdivision of tps. 55 and 56-24-2; tps. 55 and 56-25-2; tp. 56-26-2. Partial subdivision of tp. 54-24-2; tp. 54-25-2.

Cote, J. M., Ottawa, Ont.—

Resurvey of tp. 20-11-3; tps. 20 and 21-12-3; tps. 20, 21 and 22-13-3; tp. 21-14-3. Part resurvey of tp. 43-2-3; tp. 43-3-3; tp. 19-12-3; tp. 19-13-3; tp. 22-14-3. Traverse of Connell and Harehill creeks in tps. 48 and 49-10-2.

Cowper, G. C., Welland, Ont.—

Stadia surveys in tps. 1 to 4-1-3; tps. 1 to 4-2-3; tps. 1 to 4-3-3; tps. 1 to 6-4-3; tps. 1 to 6-5-3; tps. 1 to 6-6-3; tps. 1 to 6-7-3; tps. 1 to 10-8-3; tps. 1 to 10-9-3; tps. 1 to 10-10-3; tps. 1 to 10-11-3; tps. 1 to 10, 12-3; tps. 1 to 10-13-3; tps. 1 to 10-14-3; tps. 1 to 10-15-3; tps. 1 to 10-16-3; tps. 1 to 10-17-3; tps. 1 to 9-18-3; tps. 1 to 7-19-3; tps. 1 to 6-20-3; tps. 3, 4, 5 and 7 to 10-21-3; tps. 7 to 10-22-3; tps. 9 and 10-23-3; tp. 10-24-3.

Davies, T. A., Edmonton, Alta.—

Stadia surveys in tps. 45, 52, and 53-1-4; tps. 45, 52 and 53-2-4; tps. 45 and 46-3-4; tps. 43, and 46 to 53-4-4; tps. 41, 42, and 47 to 53-5-4; tps. 45 to 53-6-4; tps. 45, 46, and 48 to 53-7-4; tps. 44, 45, and 48 to 52-8-4; tps. 43 and 48 to 51-9-4.

Deans, W. J., Brandon, Man.—

Subdivision of the dried-up bed of Shoal lake; traverse of the lake and retracement in tps. 15 and 16-1-Pr; tps. 15, 16, and 17-2-Pr; and tp. 19-3-Pr. Subdivision of the dried-up bed of Whitewater lake and retracement in tps. 3, 4, and 5-21-Pr; and tps. 3, and 4-22-Pr. Resurvey in tp. 1-13-E, and tp. 18-1-Pr. Survey of lot at Bull head point in tp. 30-6-E.

SESSIONAL PAPER No. 25a

Evans, S. L., Corinth, Ont.—

Resurvey in tp. 26-23-2; tps. 47 and 48-1-3; tp. 34-5-3; tp. 50-17-3. Restoration survey in tp. 49-5-3; tp. 43-7-3; tp. 48-8-3; tp. 46-22-3. Retracement in tp. 28-19-2; tp. 24-21-2; tp. 39-22-2; tp. 27-23-2; tps. 43, 44, and 49-26-2; tp. 32-4-3; tp. 33-5-3; tp. 48-7-3; tp. 46-16-3; tp. 50-18-3; tp. 47-19-3; tp. 45-21-3; tp. 49-22-3; tp. 46-23-3. Correction survey in tp. 51-1-3; tp. 31-2-3; tp. 33-6-3; tp. 44-7-3; tp. 44-8-3; tp. 49-15-3; tp. 47-16-3; tp. 49-17-3; tp. 29-20-4. Traverse in tp. 51-27-2; tp. 42-15-3. Survey of school site in tp. 30-17-3.

Fawcett, S. D., Ottawa, Ont.—

Subdivision of tp. 81-13-6. Part subdivision of tp. 82-13-6; tps. 81 and 82-14-6; tps. 81 and 82-15-6; tps. 81 and 82-16-6; tp. 78-19-6. Retracement in tp. 79-16-6; tp. 79-17-6.

Fontaine, L. E., Levis, Que.—

Correction surveys in tp. 87-13-4; tp. 87-14-4; tps. 81 to 84-16-4; tps. 80 to 86-17-4; tp. 92-22-5; tps. 91 to 93-23-5; tp. 93-24-5; tp. 89-25-5; east outlines of tp. 90-25-5 and tp. 90-26-5. Correction of lot monuments in Pelican settlement. Traverse in tps. 85 and 86-16-4.

Galletly, J. S., Oshawa, Ont.—

Subdivision in tp. 61-29-Pr; tp. 61-30-Pr; tp. 54-31-Pr; tps. 53 and 54-1-2; tps. 53 and 54-2-2; tp. 53-3-2; tps. 52 and 53-4-2; tp. 52-5-2; tps. 52 and 53-6-2. Survey of Lot 7 in tp. 56-26-Pr., and of Sturgeon settlement in tp. 61-30-Pr.

Glover, A. E., Edmonton, Alta.—

Surveys in tp. 55-8-4; tp. 47-8-5; tp. 77-24-5. Traverse in tp. 63-2-4; tp. 56-9-4; tps. 58 and 61-10-4. Retracement surveys in tp. 44-28-3; tp. 42-1-4; tps. 42 and 56-3-4; tp. 37-5-4; tp. 39-6-4; tp. 39-7-4; tp. 38-8-4; tp. 57-18-4; tp. 45-22-4; tp. 53-25-4; tps. 35, 37 and 45-28-4; tp. 58-6-5; tp. 83-5-6; tp. 83-6-6. Correction survey in tps. 37, and 38-28-3; tp. 62-1-4; tp. 44-15-4; tp. 80-26-4; tp. 62-27-4; tp. 71-1-5; tps. 69 and 70-20-5; tp. 69-22-5; tp. 80-1-6; tps. 70, 71, and 74-12-6.

Jackson, J. E., Hamilton, Ont.—

Subdivision of tps. 36 and 37-5-Pr; tp. 36-6-Pr; tp. 36-7-Pr; tp. 36-8-Pr. Part subdivision of tp. 35-5-Pr; tps. 35 and 37-6-Pr; tps. 33, 34, and 35-7-Pr.

Johnston, J. H., Peace River, Alta.—

Subdivision of tps. 69 and 70-1-6; tps. 69, 70, and 71-2-6. Part subdiivsion of tp. 71-1-6; tps. 69, 70, and 71-3-6. Part resurvey of the N. by tp. 70-4-6.

Johnston, W. J., St. Catharines, Ont.—

Subdivision in tps. 20 and 21-11-6; tps. 17 to 20-12-6; and tps. 18 to 22-13-6. Retracement in tp. 21-11-6; tps. 18, 19, and 20-12-6; and tps. 19 and 21-13-6.

King, J. A. S., Ottawa, Ont.—

Stadia surveys in tp. 38-19-3; tps. 37, 38, and 40 to 44-21-3; tps. 37 to 44-22-3; tps. 37 to 44-23-3; tps. 37 to 44-24-3; tps. 37 to 44-25-3; tps. 42 to 44-26-3; tps. 43 to 45-27-3; tps. 42 to 44-28-3.

Knight, R. H., Edmonton, Alta.—

Subdivision of tps. 85 and 86-6-4. Part subdivision of tps. 87 and 88-6-4; tps. 86 to 89-7-4; tps. 85 to 87-8-4.

LeBlanc, P. M. H., Ottawa, Ont.—

Stadia surveys in tp. 48-15-2; tps. 42 to 50-16-2; tps. 42 to 50-17-2; tps. 46 to 48-18-2; tps. 46 to 48-19-2; tp. 48-20-2; tps. 47 and 48-21-2; tps. 47 and 48-22-2; tps. 45 to 48-23-2; tps. 45, 46, and 47a-24-2; tp 48-24a-2; tps. 44, 46a, and 47a-25-2; tps. 44, 45, 45a, and 46a-26-2; tps. 44, 45a, and 46a-27-2.

Lighthall, A., Vancouver, B.C.—

Subdivision of tp. 73-1-6; tps. 73 to 76-2-6. Part subdivision of tp. 74-3-6.

Lonergan, G. J., Buckingham, Que.—

Inspection of subdivision parties under W. J. Deans, D.L.S., and J.E. Jackson, D.L.S. Inspection of railway belt surveys under J. A. Calder, D.L.S., W. J. Johnston, D.L.S., N. C. Stewart, D.L.S., and C. H. Taggart, D.L.S. Inspection of stadia surveys under W. J. Boulton, D.L.S., G. C. Cowper, D.L.S., T. A. Davies, D.L.S., J. A. S. King, D.L.S., P. M. H. LeBlanc, D.L.S., P. J. McGarry, D.L.S., W. H. Norrish, D.L.S., C. Rinfret, D.L.S., H. M. R. Soars, D.L.S., and C. M. Walker, D.L.S. Inspection of miscellaneous surveys under J. M. Cote, D.L.S., S. L. Evans, D.L.S., L. E. Fontaine, D.L.S., and R. B. McKay, D.L.S.

Martindale, E. S., Aylmer, Ont.—

Survey in tp. 1-19-2; tp. 27-7-4; tp. 20-9-4. Retracement in tp. 14-8-2; tp. 18-15-2; tp. 26-27-2; tp. 26-28-2; tp. 14-5-3; tp. 25-9-3; tp. 25-10-3; tp. 11-18-3; tps. 13 and 23-1-4; tp. 17-5-4; tp. 17-6-4; tps. 10 and 11-19-4; tps. 8, 10, and 11-20-4; tps. 10 and 11-21-4; tp. 12-24-4. Correction survey in tp. 6-18-2; tp. 11-23-2; tp. 6-3-3; tps. 22 and 23-7-3; tp. 21-8-3; tp. 22-12-3; tp. 20-17-3; tp. 15-19-3; tps. 8 and 11-23-3; tp. 23-25-3; tp. 26-28-3; tp. 1-29-3; tps. 14 and 15-5-4; tp. 21-9-4. Resurvey in tp. 12-29-2. Establishment of monuments in tp. 10-5-3; tp. 22-8-3; tp. 13-23-3; tp. 5-29-3. Subdivision at Sandilands station in tp. 4-9-E. Survey of the townsite of Drumheller in tp. 29-20-4.

McEwen, D. F., Edmonton, Alta.—

Subdivision of tps. 61, 62, and 63-9-5; tps. 61 and 62-10-5. Part subdivision of tp. 64-9-5; tp. 61-11-5.

McGarry, P. J., Merritton, Ont.—

Stadia surveys in tps. 35 to 42, and 42a-1-3; tps. 36 to 42, and 43a-2-3; tps. 34 to 43, 43a, 44 and 45-3-3; tps. 35 to 46-4-3; tps. 39 to 46-5-3.

McKay, R. B., Vancouver, B.C.—

Traverse of Canadian Pacific railway right-of-way from Morley to Ottertail. Retracement of the 2nd base line across ranges 1 to 14 west of the Fourth meridian.

Norrish, W. H., Ottawa.—

Stadia surveys in tps. 40 and 41-19-4; tps. 39 to 42-20-4; tps. 40 to 42-21-4; tps. 40 to 43-22-4; tps. 41 to 43-23-4; tps. 41 to 43-24-4; tp. 42-25-4.

Narraway, A. M., Ottawa.—

Inspection of subdivision surveys under L. Brenot, D.L.S., J. A. Buchanan, D.L.S., W. Christie, D.L.S.; S. D. Fawcett, D.L.S., J. S. Galletly, D.L.S., J. E. Jackson, D.L.S., J. H. Johnston, D.L.S., R. H. Knight, D.L.S., A. Lighthall, D.L.S., L. A. Pierce, D.L.S., C. H. Taggart, D.L.S. Miscellaneous surveys under J. M. Cote, D.L.S.

Pierce, J. W., Pembroke, Ont.—

Subdivision of tps. 30 and 31-4-Pr; tp. 32-5-Pr. Part subdivision of tps. 30, 31 and 32-2-Pr; tps. 30, 31 and 32-3-Pr; tp. 32-4-Pr; tps. 30 and 31-5-Pr.

Plunkett, T. H., Meaford, Ont.—

Survey of the 17th base line across ranges 20 to 31 west of the Principal meridian, and of the east outlines of tps. 63 to 68-30-Pr. Resurvey of part of the east outline of tp. 61-30-Pr.

Purser, R. C., Ottawa, Ont.—

Surveys in tp. 65-2-Pr; tp. 65-3-Pr; tps. 24 and 25-4-Pr; tp. 24-5-Pr; tp. 23-8-Pr; tp. 23-9-Pr; tp. 22-10-Pr; tp. 18-18-Pr. Resurvey in tp. 1-13-E. Retracement in tp. 1-10-E; tp. 17-19-Pr. Correction survey in tp. 3-12-E; tp. 21-6-Pr; tp. 12-31-Pr; tp. 5-32-Pr; tp. 20-8-2; tp. 23-9-2; tps. 20 and 21-13-2; tps. 20 and 21-14-2. Traverse in tps. 24 and 25-4-Pr; tp. 14-6-Pr; tp. 21-5-Pr; tp. 23-8-Pr; tp. 23-9-Pr; tp. 22-10-Pr; tp. 18-18-Pr. Lot survey near Sandilands station in tp. 4-9-E. Survey of school site in tp. 29-21-Pr.

Rinfret, C., St. Stanislas, Que.—

Stadia surveys in tp. 13-33-Pr; tp. 13-34-Pr; tps. 9 to 14-5-2; tps. 9 to 14-6-2; tps. 8, 9, and 13, to 18-7-2; tps. 9 to 16-8-2; tps. 8 to 16-9-2; tps. 10, 15, and 17-10-2; tps. 15, 17 and 18-11-12; tps. 16 and 18-12-2; tps. 15 to 18-13-2. Investigation of water areas in tp. 13-32-Pr; tp. 9-4-2; tps. 8, and 12-5-2; tps. 8, 16, and 17-6-2; tps. 10 to 12-7-2; tps. 8, 17, and 18-8-2; tps. 17 and 18-9-2; tps. 9 and 18-10-2; tp. 17-12-2; tps. 17 and 18-14-2.

Soars, H. M. R., Edmonton, Alberta.—

Stadia surveys in tps. 55 to 58-15-4; tps. 56 and 58-16-4; tps. 56 to 58-17-4; tps. 55 and 56-18-4; tp. 56-19-4; tps. 55 to 58-20-4; tps. 55 to 58-21-4; tps. 55 to 57-22-4; tps. 55 to 58-23-4; tps. 55 to 57-24-4; tps. 55 to 57-25-4; tps. 55 to 57-26-4; tps. 54, 55, and 58-27-4; tp. 54-28-4; tps. 54 to 57-1-5; tps. 54 to 57-2-5; tps. 54 to 56-3-5; tps. 54 and 55-4-5. Investigation in tps. 55 and 57-16-4; tp. 57-17-4; tp. 54-18-4; tp. 55-19-4; tp. 58-22-4; tp. 58-24-4; tp. 58-25-4; tp. 58-26-4; tps. 56 and 57-27-4.

Stewart, N. C., Vancouver, B.C.—

Subdivision in tp. 28-22-5; tps. 21 and 22-1-6; tps. 22 and 23-2-6; tps. 22 and 23-4-6; tp. 23-5-6; tp. 23-6-6; tps. 21 and 22-7-6; and tps. 21 and 22-8-6. Retracement in tp. 22-1-6; tp. 23-2-6; tp. 23-5-6; tps. 21 and 22-7-6. Traverse in tps. 21 and 22-1-6; tps. 22 and 23-2-6; tps. 22 and 23-4-6; tp. 23-5-6; tp. 23-6-6; tps. 21 and 22-7-6; and tp. 22-8-6.

Taggart, C. H., Kamloops, B.C.—

Subdivision surveys in tp. 25-11-6; tps. 16, 17, and 18-14-6; tp. 20-15-6; tp. 18-16-6; and tp. 18-17-6. Retracement in tp. 25-11-6; tps. 17 and 18-14-6; tp. 20-15-6; and tps. 18, 20, and 21-16-6. Traverse in tp. 18-14-6; tp. 20-15-6; and tp. 18-16-6.

Walker, C. M., Ottawa, Ont.—

Stadia surveys in tps. 31 and 32-13-2; tps. 29 and 30-14-2; tps. 31-15-2; tp. 31-16-2; tps. 30 and 31-17-2; tps. 29 and 30-18-2; tps. 30 and 31-19-2; tps. 29 to 32 and 35 to 38-20-2; tps. 29 to 38-21-2; tps. 29 to 35, and 37-22-2; tps. 29 to 34 and 37-23-2; tps. 29 to 38-24-2; tp. 29-25-2. Investigation in tp. 30-13-2; tp. 31-14-2; tp. 31-18-2; tp. 29-19-2; tp. 33-20-2; tps. 30 and 31-25-2.

Wallace, J. N., Calgary, Alta.—

Lines of levels along Grand Trunk Pacific railway from Goodeve to Saskatoon, 172 miles; along Canadian Northern railway from Warman to Margo, 147 miles; along east outine of range 12 west of Fourth meridian from tp. 20 to tp. 55, 216 miles; a line from Ile à la Crosse to Methy lake, 87 miles. Total, 622 miles.

APPENDIX No. 3.

SCHEDULE showing for each surveyor employed the number of miles surveyed of section lines, township outlines, traverses of lakes and rivers, and resurvey; also the cost of the same. Surveyors whose work cannot be reckoned in miles are omitted from the statement.

Surveyor.	Miles of Section Line.	Miles of Outline.	Miles of Traverse.	Miles of Resurvey.	Total Mileage.	Total Cost.	Cost per Mile.
Akins, J. R.	.....	144	.....	.....	144	$23,927	$166 16
Bennett, G. A.	.....	.....	702	13	715	6,767	9 46
Blanchet, G. H.	.....	182	.....	.....	182	21,810	119 84
Boulton, W. J.	.....	.....	1,140	.....	1,140	6,027	6 08
Brenot, L.	282	45	23	.....	350	17,460	49 89
Buchanan, J. A.	388	75	73	.....	536	18,962	35 38
Calder, J. A.	91	.....	8	.....	99	9,932	100 32
Christie, W.	336	94	51	.....	481	18,000	37 42
Cote, J. M.	.....	.....	15	565	580	14,551	25 09
Cowper, G. C.	.....	.....	684	12	696	6,441	9 25
Davies, T. A.	.....	.....	958	.....	958	6,572	6 86
Deans, W. J.	.....	.....	107	167	274	7,045	25 71
Fawcett, S. D.	310	55	52	3	420	20,939	49 85
Galletly, J. S.	220	42	183	.....	445	15,849	35 62
Jackson, J. E.	397	36	83	.....	516	16,092	31 19
Johnston, J. H.	345	72	109	2	528	17,850	33 81
Johnston, W. J.	154	.....	18	.....	172	10,073	58 56
King, J. A. S.	.....	.....	697	9	706	6,693	9 48
Knight, R. H.	323	44	47	.....	414	19,030	45 96
LeBlanc, P. M. H.	.....	.....	685	12	697	6,671	9 57
Lighthall, A.	331	58	64	.....	453	18,188	40 15
McEwen, D. F.	332	76	34	.....	442	17,666	39 96
McGarry, P. J.	.....	.....	585	.....	585	5,749	9 83
McKay, R. B.	.....	.....	119	84	203	8,246	40 62
Norrish, W. H.	.....	.....	733	.....	733	7,216	9 84
Pierce, J. W.	377	84	36	.....	497	18,595	37 41
Plunkett, T. H.	.....	120	.....	7	127	20,439	160 94
Rinfret, C.	.....	.....	479	64	543	6,826	12 57
Soars, H. M. R.	.....	.....	689	.....	689	6,914	10 03
Stewart, N. C.	82	.....	20	.....	102	8,709	85 38
Taggart, C. H.	141	.....	19	.....	160	11,147	69 67
Walker, C. M.	.....	.....	867	1	868	6,725	7 75
	4,109	1,127	9,280	939	15,455	407,111	26 29

Final returns not all received. Total cost and amount of traverse are estimated.
Total cost includes depreciation of outfit.

APPENDIX No. 4.

LATITUDE OBSERVATIONS IN DOMINION LANDS SURVEYS SYSTEM.

Obs. Station referred to N.E. corner.	Date of Obs.	Number of Obs. and pairs.	Probable Error.	Observed Latitude reduced to section corner.	Correct Latitude of corner in D.L. System.	Diff. in seconds.	Position in D.L. System of corner by Obs.
Sec. Twp.				° ′ ″	° ′ ″		
24 71-1-5	1908	78 Obs. 45 pair	0·08	55 10 12·97	55 10 11·56	1·41	North 2·17 ch.
13 35-1-Pr	1911	89 Obs. 72 pair	0·05	52 01 05·61	52 00 48·33	17·28	North 26·55 "
36 48-1-Pr	1911	70 Obs. 63 pair	0·07	53 11 31·37	53 11 31·35	0·02	North 0·03 "
1 62-1-4	1911	68 Obs. 50 pair	0·06	54 20 27·03	54 20 27·93	0·90	South 1·38 "
12 89-1-4	1911	98 Obs. 82 pair	0·05	56 42 39·22	56 42 42·00	2·78	South 4·27 "
13 61-1-2	1912	77 Obs. 61 pair	0·06	54 16 59·36	54 16 59·17	0·19	North 0·29 "
13 57-1-3	1912	73 Obs. 50 pair	0·07	53 56 01·77	53 56 01·94	0·17	South 0·26 "
13 48-1-6	1912	96 Obs. 62 pair	0·06	53 08 56·22	53 08 52·26	3·96	North 6·08 "
13 24-1-5	1912	95 Obs. 58 pair	0·05	51 03 10·90	51 03 08·97	1·93	North 2·96 "
24 111-1-5	1914	96 Obs. 66 pair	0·05	58 39 34·07	58 39 34·73	0·66	South 1·01 "
1 115-1-4	1914	82 Obs. 67 pair	0·05	58 57 57·05	58 57 55·00	2·05	North 3·15 "
1 80-1-6	1914	110 Obs. 76 pair	0·05	55 54 43·13	55 54 41·17	1·96	North 3·01 "
36 88-1-6	1914	106 Obs. 79 pair	0·05	56 40 59·81	56 40 55·44	4·37	North 6·72 "
36 32-1-4	1915	111 Obs. 72 pair	0·03	51 47 40·45	51 47 41·19	0·74	South 1·14 "
36 32-1-3	1915	110 Obs. 70 pair	0·03	51 47 40·99	51 47 41·42	0·43	South 0·66 "
36 32-1-2	1915	111 Obs. 68 pair	0·03	51 47 44·10	51 47 41·64	2·46	North 3·78 "
36 16-7-E	1915	100 Obs. 69 pair	0·06	50 24 57·61	50 24 54·16	3·45	North 5·30 "
31 36-5-Pr	1915	115 Obs. 67 pair	0·04	52 08 40.25	52 08 39.54	0·71	North 1·09 "
33 28-5-E	1915	128 Obs. 80 pair	0·03	51 27 02·49	51 26 44·61	17·88	North 27·47 "
36 25-9-E	1915	123 Obs. 67 pair	0·03	51 11 05·65	51 11 01·43	4·22	North 6·48 "
¼32 60-21-Pr	1915	117 Obs. 76 pair	0·03	54 14 25·97	54 14 22·49	3·48	North 5·35 "
13 74-1-Pr	1915	113 Obs. 72 pair	0·03	55 25 04·84	55 25 04·55	0·29	North 0·45 "
12 68-1-3	1915	113 Obs. 69 pair	0·05	54 52 47·28	54 52 45·54	1·74	North 2·67 "

APPENDIX No. 5.

DETAILS OF OFFICE WORK.

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Township and miscellaneous plans compiled	793
" " " issued	1,036
Sectional maps issued (three miles to 1 inch)—	
New maps	4
Revised maps	10
Photographic work—	
Dry plates and films	1,577
Prints	6,333
Lantern slides	92
Wet plate negatives	2,124
Photo-litho plates	709

APPENDIX No. 6.

SURVEYING INSTRUMENTS ON HAND MARCH 31, 1918.

Instruments.	In Store April 1917.	Purchased.	Balance.			Remarks.
			Sold.	Loan.	Store.	
Abney levels	35		7	1	26	1 struck off
Alidades	1				1	
Altazimuths	1				1	
Aneroids	91			13	78	
Artificial horizons	4			1	3	
Base line apparatus	1				1	
Cameras and kodaks	18			5	13	
Chronometers and sidereal watches	54	4	3	4	51	
Compasses	34				34	
Current meters and logs	3				3	
Dip circles	2			1	1	
Field glasses and binoculars	6			4	2	
Levels	52			12	40	
Levelling rods	79	25		21	82	1 struck off
Micrometer telescopes	8				8	
Optical squares	1				1	
Pedometers	2			2		
Photo-theodolites	5				5	
Plane tables	1				1	
Protractors	77			16	56	5 struck off
Rod levels	20	2		2	18	2 "
Sextants and reflecting circles	3				3	
Solar compasses	2				2	
Stadia rods	34	3	9	2	25	1 struck off
Stadia slide rules	61			6	54	1 "
Steel tapes	138	59	26	9	151	11 "
Subsidiary standard measures	79		8		71	
Survey pickets	2				2	
Surveying cameras	4				4	
Tally registers	12				12	
Tape stretching apparatus	1				1	
Telemeters	1			1		
Thermometers	12	27	22	10	6	1 struck off
Transit theodolites	67		5	53	9	
Zenith telescopes	1				1	

ANADA

1917

INDEX TO TOWNSHIPS IN MANITOBA, SASKATCHEWAN, ALBERTA, AND BRITISH COLUMBIA

Annual report of the Topographical Survey Branch, Department of the Interior, 1917-1918

To Illustrate Progress of Dominion Lands Surveys

Scale, 85 miles to an inch

Subdivision surveys made prior to March 31, 1917
Subdivision surveys made from April 1 1917 to March 31, 1918
Resurveys made from April 1 1917 to March 31, 1918

CAUTION.—This is only an index, topographical and other features are not to be depended upon.

Surveys in the Railway Belt in British Columbia are not shown owing to their scattered nature.
Lines of spirit levels run prior to March 31, 1918
Base and meridian lines run prior to March 31, 1911
Townships wholly or partly revised are not shown.

SIXTEENTH REPORT

OF THE

GEOGRAPHIC BOARD OF CANADA

CONTAINING ALL DECISIONS FROM APRIL 1, 1917
TO MARCH 31, 1919

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
J. DE LABROQUERIE TACHÉ
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

[No. 25*b*—1919]—1

Hon. Arthur Meighen,
Minister of the Interior.

Sir,—I have the honour to submit the sixteenth report of the Geographic Board of Canada containing the decisions between April 1, 1917, and March 31, 1919. The report is a supplement to the fifteenth report issued in 1917, which contained all decisions from the inauguration of the Board to March 31, 1917.

I have the honour to be, sir,
Your obedient servant,

E. DEVILLE,
Chairman of the Board.

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W. J. Stewart, M. Inst. C.E., Chief Hydrographer, Department of the Naval Service.

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(Order in Council, December 14, 1899.)

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Saskatchewan—
John William McLeod, Clerk to the Executive Council, Regina.

Secretary

R. Douglas, M.A., Department of the Interior.

INTRODUCTION

The Geographic Board was created by order in council of the 18th December, 1897. The order directs that all questions concerning geographic names in the Dominion which arise in the departments of the public service shall be referred to the board, and that all departments shall accept and use in their publications the names and orthography adopted by the Board. The Board was to consist of one member for each of the departments of the Geological Survey, Railways and Canals, Post Office and Marine and Fisheries, such members to be appointed by the ministers, of the surveyor general of Dominion lands, of such other members as might, from time to time, be appointed by order in council, and of a secretary. The Geological Survey, Railways and Canals, Militia and Defence, Marine and Fisheries, Naval Service, Archives and Interior departments are actually represented on the Board; the place of the Post Office department is vacant.

Before the creation of the Board, no central authority existed over the geographic nomenclature of the Dominion; every explorer and map-maker adopted such names and spelling as appealed to him. Some travellers went so far as to change all the names given by previous explorers and to publish new names in the accounts of their travels, thus causing endless confusion. In other cases, foreign explorers visiting unknown parts of the Dominion would bestow names more or less objectionable to Canadians. The Board was formed to regulate the publications of the Dominion Government only; but it was soon recognized that the co-operation of the provinces was essential, and that they had a right to be consulted respecting names within their limits. Each province was accordingly invited by order in council of the 14th of December, 1899, to appoint a representative on the Board, and all the provinces, except Manitoba, are now represented. All names are submitted to the provincial representative concerned for advice and report, before being dealt with by the Board.

Authority of the Board Extended

As the Board consists of the experts on geographic matters in the service of the Dominion and Provincial governments, it was deemed advisable to utilize their special knowledge by extending the scope of their action. It was thought that their advice would be particularly valuable for the compilation of new maps, for avoiding duplications where good maps already existed, for the selection, unification, and improvement of scales, the uniformity of symbols and conventional signs, the representation of relief, the use of colours, the methods of reproduction and other cognate subjects. Authority was accordingly granted to the Board by order in council of the 24th of April, 1915, to investigate such geographic questions as might be submitted to it by departments of the public service and to advise upon the same.

Nomenclature Difficulties in Canada

Questions of geographical nomenclature present unusual difficulties in Canada on account of the existence of two official languages, English and French, and the resulting duplication of names. This duplication is frequent in Europe; for instance " London " and " Londres," " Ushant " and " Ouessant," "Cologne" and " Koln," " Brussels " and " Bruxelles," etc. In Canada, a few places have two distinct names, such as " Murray Bay " or " La Malbaie," but generally

duplicate names are translations, such as Trois-Rivières or Three Rivers. Duplicate names are an unnecessary complication, to be avoided as much as possible. There would not be much duplication in Canada, were it not that the British Admiralty translated all the names on the river and gulf of St. Lawrence below Quebec. There are thus two sets of names: the French names used by the population of the land, and the English translation used by navigators. This is much to be regretted, but it has been an accomplished fact for so many years that the Board is powerless against it.

Value of Board's Records

The spelling of either English or French names does not usually present difficulties when the origin is known, but in many cases the original form has been so altered that it can only be determined by careful research. Some of the corruptions are so firmly established that it is impossible to restore the original forms. While no attempt has yet been made to publish all the data obtained relative to place names, the records of the Board are becoming of greater value yearly to the student of Canadian history and geography, and it is hoped that the report may become a reference for other information than the mere orthography of the names. With regard to the spelling of Indian names, there is a kind of international usage. The British and the French rules are fortunately so much alike that their adoption and application throughout Canada was not open to question.

Apart from the above, the rules of nomenclature formulated by the Board are such as are dictated by convenience, common sense, and the amenities of language; for instance, a name formed by the combination of an English with a French or an Indian word is objectionable.

Bylaws Amended

There is a class of names over which the Board appears to have little control; they are those found in statutes, proclamations and other official acts of the provinces; it is evident that the Board cannot change the name of a county or of an incorporated town. Unfortunately the form and spelling of these names are frequently defective. Some, indeed are so defective that the Board does not wish to appear in any way responsible for them. The bylaws have accordingly been amended by providing that the names, if forwarded by the provincial authorities, shall be entered in the records; they will be published in the report of the Board, but not as decisions. Complete lists have not yet been received; an effort will be made to include them in the next report. In consequence of this amendment, a great many names will have to be removed from the consolidated list of decisions; the list annexed to this report contains only the decisions since the 31st of March, 1917, date of the last annual report.

Another amendment to the by-laws provides that the consolidated list of decisions shall be issued from time to time, as required. Formerly, it was published annually; it is considered that, in future, publication at longer intervals will be sufficient.

Mountain Nomenclature

Appended to this report is the decision respecting the nomenclature of the mountains of western Canada. The need for agreement among geographers was urgent. The expressions in general use to designate portions of these important features were found to have a wide variance in their value. The terms

"System," "Range" and "Mountains," were sometimes given equal value, and frequently the same term was applied to both a large unit and a subdivision of the same. For many years, a large part of the Cordilleras was called a "Range" (Coast Range) while features of smaller superficial area were called "Systems." Parallel to the usage of "Range" for the large unit on the west coast, is that of "Mountains" (Rocky Mountains) for all the mountains bordering on the great plains to the east. The object of the Board in introducing this nomenclature, after consultation with geographical authorities, is to adopt a collective terminology which, after it has become familiar, will associate a relative weight to each of the various terms. The scheme is in substantial accord with that in use for the mountains of the western States and Alaska.

Division of the Northwest Territories

That portion of Canada which lies outside of the provinces and of the Yukon territory is, by Chapter 62 of the Revised Statutes of Canada, 1906, designated as the Northwest territories; it includes a vast area of the mainland and extensive insular areas. In some parts the cultivation of wheat is possible, and the white man can live and flourish; in others, are regions that will, so far as known, scarcely support an Eskimo. It was an anomaly and an inconvenience to have all included in one territorial area. On the recommendation of the Board the Northwest Territories were divided into three provisional districts by order in council of the 16th of March, 1918, as appended. The western district, Mackenzie, has the mildest climate and the best lands. Fish, furs and minerals are the characteristics of the eastern district, Keewatin. The value of Franklin, which comprises the islands of the Arctic ocean, is as yet unknown.

Catalogue of Canadian Maps

A notable work of the Board has been the publication of a catalogue of the maps in its collection. Only an infinitesimal part of the country has been completely mapped; for the other part the maps exhibit the surveys or explorations made by many survey organizations of the Dominion and Provinces. The result has been a large number of maps of varied origin. The Board's collection, which includes all the recent maps and the more important of the old ones, consists of 1,258 maps.

Before the publication of the Board's catalogue, it was next to impossible for any one but an expert to pick out the best map of a locality in which he was interested; this is now readily done by means of the index sheets annexed to the catalogue. So great has been the demand for the catalogue that the edition of 500 is nearly exhausted, and a new edition will have to be published almost immediately.

It has already been noted that the order in council of the 18th of December, 1897, directs that all departments shall accept and use in their publications the names and orthography adopted by the Board. Notwithstanding this direction, little attention was, at first, paid to the Board's decisions; no steps were taken for their compulsory enforcement, but confident in the usefulness and beneficial effect of its work, the Board has preferred to trust to time. These anticipations have been fully realized; the decisions are now accepted not only by most of the Dominion and Provincial administrations, but also by the railways, the Admiralty, and the public generally.

SESSIONAL PAPER No. 25b

GEOGRAPHIC BOARD OF CANADA

BY-LAWS

I—Officers and Secretary of the Board

The officers shall consist of a chairman (who shall be elected by ballot), of an executive committee of three to be nominated by the Chair and approved by the Board, all of whom shall serve for one year or until their successors shall be chosen. An officer of the Department of the Interior designated by the minister shall act as secretary but shall not be a member of the Board.

II—Duties of Officers and Secretary

(a) The chairman shall preside at the meetings and shall certify to the decisions of the Board. He shall appoint all committees not specially named by the Board. In his absence, the Board shall have the power to elect a temporary chairman.

(b) The secretary shall keep the minutes of the proceedings of the Board and shall record the decisions or other acts of the Board. He shall maintain files of papers and correspondence relating to each case submitted to the Board, conveniently arranged for reference. He shall, under the instructions of the Board, conduct the general correspondence and shall receive communications presented for the consideration of the Board.

(c) The executive committee shall receive, through the secretary, all communications requiring decision by the Board, shall investigate the questions presented, and after securing information from all available sources, shall report to the Board with recommendations for dealing with the questions.

(d) Before dealing with any name within a province represented upon the Board, such name shall be submitted to the representative of said province for examination and report.

(e) Upon the receipt of a communication submitting names for the consideration of the Board, it shall be the duty of the secretary to transmit at once a copy of such communication together with any papers relating thereto, to the member of the Board for the province affected; and also, in the case of coast names appearing on Admiralty charts, or charts of the Naval Service, to the hydrographer of the Admiralty or to the chief hydrographer of the Naval Service, as the case may be.

(f) So soon as the report of the provincial representative, and in the case of chart names, the report of the hydrographer of the Admiralty or of the chief hydrographer of the Naval Service, are received, the secretary shall submit the whole correspondence to the executive committee, who shall promptly prepare the names for submission to the Board.

(g) The secretary shall enter upon every record submitted for the consideration of the Board the recommendation of the provincial representative and, if any, the recommendation of the hydrographer of the Admiralty or of the chief hydrographer of the Naval Service.

III—Names to be Accepted

(a) The names of counties, electoral districts, mining districts, townships, cities, towns and incorporated villages, as found in the statutes, proclamations, orders in council, or other official acts of a province establishing such counties,

districts and townships or incorporating such cities, towns and villages, shall be accepted by the Board. Such names shall be entered in the records of the Board if they are furnished by the provincial authorities.

(b) The statute, proclamation, order in council or other official act of a province designating any of the names mentioned in the next preceding clause shall be held to cancel any previous decision of the Board respecting such name so far as it affects the name of such county, electoral district, mining district, township, city, town and incorporated village.

IV—Maps

Maps presented for criticism and advice under the provisions of the order in council of 24th April, 1915, shall be referred for report to the executive committee before being submitted to the Board. Such maps shall, as a general rule and as far as consistent with their nature, comply with the rules adopted for the International Map of the World with regard to lettering, conventional signs, etc.

V—Meetings

The Board shall hold regular meetings on the first Tuesday in each month. Special meetings may be called by the chairman or the executive committee. Five members of the Board shall constitute a quorum, but, on the written request of any member filed with the secretary within a month from the date of a meeting, any decision adopted at such meeting shall be reserved for approval by a majority of the full Board. The affirmative vote of a majority of all the members of the full Board shall be required for the final decision in any case. All motions presented for the consideration of the Board shall be in writing.

VI—Reports

The Board shall publish its decisions on geographic names in The Canada Gazette and in bulletins, the same to be consolidated in a general report of the Board's work, to be issued from time to time as required.

VII—Amendments

These by-laws may be amended at any regular or special meeting by a majority vote of all the members of the Board, provided that copy of the proposed amendment has been sent by the secretary to the members of the Board at least twenty days previous to the time the vote is taken.

RULES OF NOMENCLATURE

1. **Local use to have preference.**—Unless good and sufficient reasons to the contrary exist, that name which is in common local use shall be given preference over alternative names.

2. **Priority to be recognized.**—When the priority of a name has been established by publication, particularly when such publication has occurred in any standard or authoritative work or works, that name should, if possible be retained.

3. **Names corrupted or changed.**—A name which has been corrupted or changed should, if not too firmly established by usage be restored to its original form.

4. **Various spellings. When to be accepted.**—In cases where what was originally the same word appears with various spellings, sanctioned by local usage or otherwise, the various spellings when applied to different features should be regarded as in effect different names, and as a rule it is inadvisable to attempt to produce uniformity.

5. **Choice between two or more names.**—Where a choice is offered between two or more names for the same place or feature, all sanctioned by local usage, that which is most appropriate and euphonious should be adopted.

6. **English possessive form.**—In English nomenclature, the possessive form should be avoided whenever it can be done without destroying the euphony of the name or changing its descriptive application. Where the possessive form is retained, the apostrophe should be dropped.

7. **Names consisting of several words.**—Names consisting of more than one word may be connected by hyphens or combined in one word, as may be advisable.

8. **City, town or ville as part of names.**—The use of the words "city," "town," or "ville," as part of the name of a city, town or village, is to be avoided.

9. **Canyon, Cañon or Gorge.**—"Canyon" may be used instead of "cañon," but the form "canon" without the tilda sign must not be used. The word "gorge," which has the advantage of being both English and French, may often be substituted.

10. **Creek and Brook.**—The term "brook" is considered preferable to "creek" for very small streams.

11. **Branches of rivers.**—The practice of naming branches of rivers "South branch," "North branch," "East fork," etc., is objectionable. Each branch should be given an individual name, and when practicable, the name of the main stream should be continued to the most distant source.

12. **Duplication of names.**—Duplication of names, especially within one province, is objectionable. This excludes such common descriptive names as Bear, Deer, Duck, Eagle, Fish, Maple, Moose, Pigeon, Pine, Sturgeon, Trout, Turtle, Wolf, Wood, Black, Clear, Green, Red, White, Mud, etc. Duplication also renders undesirable a number of descriptive names which are less common, such as many of the names applied to mountain peaks.

13. **Alternative names.**—The use of alternative names should be discontinued where possible or not inconvenient.

14. **Initial letters. When not to be capitals.**—Except on maps, the initial letters of generic or descriptive parts of geographical names, should not be capitals

15. **French names in Canada.**—French names in Canada are to be spelled, accented, hyphenated, etc., according to the rules of the French language. In English text and map printing, however, hyphenation although recommended for French composite names, shall not be considered obligatory.

16. **English and French forms of a name.**—In cases where English and French forms of a single name have been published and have the sanction of long usage, no attempt shall be made to abolish either form, but both may be recognized and published in the Board's list of decisions, and it shall be deemed correct to use the English form in official documents in the English language and the French form in official documents in the French language. In all other cases, any duplication of form shall be discouraged and preference shall be given to the form which has priority of origin whether this be English or French.

17. **Descriptive terms—when to be translated.**—A generic descriptive term, such as cape, bay, river, etc., added to a name, may be translated into French for use in French publications. Likewise, the corresponding French term may be translated into English for use in English publications, but when such term is part of the name as in "Murray Bay," and "Deux-Rivières," it shall not be translated.

18. **Objectionable Combination of words.**—As a general rule, the combination of words in different languages is objectionable.

19. **Names in foreign Countries.**—Geographic names in a foreign country should be rendered in the form adopted by that country, except where there are English or French equivalents already fixed by usage, in which case the English equivalents are to be used in English publications, and the French equivalents in French publications.

20. **Hyphens in Indian names.**—Hyphens between syllables of Indian names are to be avoided.

21. **Names of native origin.**—In a name of native origin the true sound of the word, as pronounced in the native tongue shall be taken as the basis of the spelling.

22. **Rules of the Royal Geographical Society.**—For spelling names of native origin, the rules of the Royal Geographical Society, which are substantially in accord with official practice in France, shall be adhered to. Their broad features are as follows:—

(a) The vowels are pronounced as in Italian, and the consonants as in English.

(b) Every letter is pronounced, and no redundant letters are introduced. When two vowels come together, each one is sounded, though the result, when spoken quickly, is sometimes scarcely to be distinguished from a single sound, as in ai, au, ei.

The following amplification of the foregoing rules is given by the Royal Geographical Society to explain their application.

Letters.	Pronunciation and Remarks.	Examples.
a	*ah*, *a* as in *father*	Java, Banana, Somali, Bari.
e	*eh*, *a* as in *fate*	Tel el Kebir, Oleleh, Yezo, Medina, Levuka, Peru.
i	English *e*; *i* as in *ravine*; the sound of *ee* in *beet*. Thus, not *Feejee*, but	Fiji, Hindi.
o	*o* as in *mote*	Tokyo.
u	long *u* as in *flute*; the sound of *oo* in *boot*. *oo* or *ou* should never be employed for this sound. Thus, not *Zooloo*, but	Zulu, Sumatra.
	All vowels are shortened in sound by doubling the following consonant	Yarra, Tanna, Mecca, Jidda
	Doubling a vowel is only necessary when there is a distinct repetition of the single sound	Nuulua, Oosima.
ai	as in *aisle*, or English *i* as in *ice*	Shanghai.
au	*ow* as in *how*. Thus, not *Foochow*, but	Fuchau.
ao	is slightly different from above	Macao.
aw	when followed by a consonant or at the end of a word, as in *law*	Cawnpore.
ei	is the sound of the two Italian vowels, but is frequently slurred over, when it is scarcely to be distinguished from *ei* in the English *eight* or *ey* in the English *they*.	Beirut, Beilul.
b	English *b*.	
c	is always soft, but is so nearly the sound of *s* that it should be seldom used. If *Celebes* were nor already recognized it would be written *Selebes*.	Celebes.
ch	is always soft as in *church*	Chingchin.
d	English *d*.	
f	English *f*. *ph* should not be used for the sound of *f*. Thus, not *Haiphong*, but	Haifong, Nafa.
g	is always hard. (Soft *g* is given by *j*)	Galapagos.
h	is always pronounced when inserted.	
hw	as in *what*; better rendered by *hw* than by *wh*, or *h* followed by a vowel, thus *Hwang ho*, not *Whang ho*, or *Hoang ho*.	Hwang ho, Ngan hwei.
j	English *j*. *Dj* should never be used for this sound.	Japan, Jinchuen.
k	English *k*. It should always be put for the hard *c*. Thus, not *Corea*, but	Korea.
kh	The Oriental guttural.	Khan.
gh	is another guttural, as in the Turkish	Dagh, Ghazi.
l, m, n	As in English.	
ng	has two separate sounds, the one hard as in the English word *finger*, the other as in *singer*. As these two sounds are rarely employed in the same locality, no attempt is made to distinguish between them.	
p	As in English.	
ph	As in *loophole*.	Chemulpho, Mokopho.
th	stands both for its sound in *thing*, and as in *this*. The former is the more common.	Bethlehem.
q	should never be employed; *qu* (in *quiver*) is given as *kw*	Kwangtung.
	When *qu* has the sound of *k* as in *quoit*, it should be given by *k*.	
r, s, sh, t, v	As in English.	
w		Sawakin.
x		
y	is always a consonant, as in *yard*, and therefore should never be used as a terminal, *i* or *e* being substituted as the sound may require. Thus, not *Mikindany*, but	Kikuyu. Mikindani.
	not *Kwaly*, but	Kwale.
z	English *z*	Zulu.
zh	The French *j*, or as *s* in *treasure*	Muzhdaha.

REGULATIONS

The following regulations have been adopted for the guidance of those submitting names to the Geographic Board.

1. Names submitted to the Geographic Board should be accompanied by a map showing the position of the features for which the names are proposed. If the features already bear names which appear on any published map, a reference to this map is sufficient.

2. Names received by the Board for consideration are referred to the member of the Board representing the province concerned, as well as to the executive committee of the Board. It is desirable, therefore, that lists and maps should be submitted in duplicate, where this can be done conveniently.

3. The memorandum submitted should state whether the suggested names are new, or have been published, and whether the features they apply to are unnamed, or possess names. If a suggested name is new, full particulars respecting the origin must be given. If a suggested name has already been published, the date of publication as well as the circumstances of the origin, if known, should be given.

4. If a proposed name is intended to replace a published or existing one, the latter should be given with the place and date of publication, if known, as well as the arguments for the proposed change.

5. Blank forms for lists of names are furnished by the secretary on application.

DECISIONS.

From April 1, 1917 to March 31, 1919.

The names printed in **heavy-faced type** have been approved by the Board. The names in *italics* are discarded forms.

A

Abruzzi; mount, 10,700 feet, lat. 50° 27′, long. 115° 07′, B.C.
After Duke of the Abruzzi, commander in chief, Italian navy, 1915-17.

Agate; bay, Adams lake, Kamloops district, B.C. (Not Squaam.)

Aiguille; peak, 9,840 feet, lat. 51° 48′, long. 116° 48′, Alberta and B.C.
Descriptive of formation.

Airhole river. See Weir.

Akasu; lake and hill, Tp. 52-13-4, Alberta. (Not Sickman.)
Indian name meaning "sickman."

Alexandra; river, rising in the Rockies, west of mount Saskatchewan, and flowing into North Saskatchewan river, Alberta. (Not West branch of North fork of North Saskatchewan.)
Flows below mount Alexandra.

Allenby; mount, 9,500 feet, lat 50° 56′, long. 115° 32′, Alberta.
After Field-Marshal Lord Allenby, captor of Jerusalem.

Amisk; lake, lat. 54° 30′, long. 102° 15′, Sturgeon-weir river, Sask. (Not Beaver.)
Cree word meaning "beaver."

Antigonish; county, town, harbour and hills, N.S. (Not Antigonishe.)

Aosta; mount, 9,790 feet, lat. 50° 32′, long. 115° 06′, Elk river, B.C.
After Duke of Aosta, cousin of king of Italy.

Ardoise (pointe à l'); point, St. Lawrence river, mouth of Boyer river, Bellechasse county, Que. (Not Slate.)
Descriptive; French for "slate."

Arethusa; mount, 9,000 feet, lat. 50° 36′, long. 114° 58′, Alberta.
After famous light cruiser sunk by mine, 11th February, 1916.

Aries; peak, 9,900 feet, lat. 51° 47′, long. 116° 46′, Alberta and B.C.

Armstrong; mount, 9,161 feet, lat. 50° 21′, long. 114° 46′, Alberta and B.C.
After J. D. Armstrong, of the surveyor general's staff; killed in action, 12th April, 1917

Atikamik lake and river. See Utikuma.

Aulneau; peninsula, lake of the Woods, Kenora district, Ont. (Not Grande Presqu'île, The Peninsula nor The Promontory.)
After Father Aulneau, who, with 20 others, was killed by Sioux Indians on Massacre island, lake of the Woods, 8th June, 1736.

Avonlea; village and creek, tributary to Moosejaw creek in Tp. 14-22-2, Sask. (Not Long.)

B

Back; mount, 9,883 feet, lat. 50° 42′, long. 115° 25′, B.C.
On Palliser Expedition map, 1865; after Admiral Sir George Back (1796-1878), Arctic explorer.

Badham; mount, 12,625 feet, lat. 60° 38′, long. 139° 47′, St. Elias range, Yukon.
After Frank Badham, member of various international boundary survey parties; killed in France, 1915.

Bald mountain. See Chapman.

Barbette; mountain, 10,080 feet, lat. 51° 43′, long. 116° 44′, Alberta and B.C.
Two high platform peaks rise from the mass of the mountain.

Baril; peak, 9,837 feet, lat. 50° 18′, long. 114° 45′, Alberta and B.C.
After M. C. L. Baril, of the surveyor general's staff; killed in action, 9th November, 1915.

Baxter; lake, Tps. 45 and 46-5 and 6-4, Alberta.
After driver of supply team for survey party.

Beatty; mount, 9,841 feet, lat. 50° 40′, long. 115° 17½′, Alberta and B.C.
After Admiral Earl Beatty, commanding the Grand fleet, 1916-1919.

Beaver lake. See Amisk.

Beduin cape. See Quart.

Beduin island. See Vin.

Beef lake. See Peter Pond.

Bellechasse; bay, island, township and county, Que. (Not Berthier bay.)
An index accompanying the Champlain 1632 map states that an island marked number 14 is "isle de chasse," but reproductions of the map consulted do not show "14."

Bellefine river. See Dauphine.

Berthier bay. See Bellechasse.

Bettaouin. See Vin.

Big Island lake. See Manistikwan.

Bingley; mount, 8,100 feet, lat. 52° 52′, long. 118° 38′, Yellowhead pass, B.C.
Named by Milton and Cheadle who travelled through Yellowhead pass, 1863, after Bingley, Yorkshire, Cheadle's birthplace.

Birch; lake and river, Whitemouth river, southeastern portion of Manitoba.

Birdwood; mount, 10,160 feet, lat. 50° 47′, long. 115° 22′, Alberta.
After Gen. Sir Wm. R. Birdwood, in command of Australian and New Zealand forces.

Bishop; mount, 9,300 feet, lat. 50° 26′, long. 114° 52′, Alberta and B.C.
After Col. W. A. Bishop, V.C., D.S.O., M.C., Canadian airman.

Black; river, rising near Stukely lake in Stukely township, Shefford county, and flowing into Yamaska river, above St. Hyacinthe, Bagot county, Que. French usage: Noire (rivière).

Black brook. See St. Agapit.

Black river. See St. Germain.

Black river. See St. Nazaire.

Black river. See Ulverton.

Blackwater; lake and river, flowing into lake Nipigon, Thunder Bay district, Ont.
Translation of Indian name.

Bolton; mount, 8,878 feet, lat. 50° 20′, long. 114° 48′, Alberta and B.C.
After L. E. S. Bolton, of the surveyor general's staff; killed in action June, 1916.

Bompas; mount, 10,027 feet, lat. 61° 24′ 16″, long. 140° 36′ 13″, St. Elias mountains, Yukon.
After Rt. Rev. William Carpenter Bompas, D.D. (1834-1906), first bishop of Athabaska, 1874-84; first bishop of Mackenzie river, 1884-91; first bishop of Selkirk (Yukon), 1891-1906

Breaker; mountain, 10,069 feet, lat. 51° 46′, long. 116° 47′, Alberta and B.C.
Snow formations on the mountain resemble breakers.

Bridgland; mount, lat. 52° 59′, long. 118° 31′ 30″, north of Yellowhead pass, Alberta.
After M. P. Bridgland, who has surveyed extensive tracts of the Rocky mountains.

Britannia; creek, tributary to Yukon river in lat. 62° 53′, long. 138° 40′, Yukon.

Brooke; mount, lat. 61° 30′, long. 140° 57′, Yukon.
After late Private Wm. Brooke, Ottawa; 2nd batt., C.E.F.; taken prisoner at Ypres, 24th April, 1915; died in Germany, 13th March, 1917.

Brussilof; mount, 9,990 feet, lat. 50° 47′, long. 115° 36′, B.C.
After noted Russian general.

Bucephalus; peak, 9,089 feet, lat. 52° 49½′, long. 118° 26′, Rocky mountains, B.C.
Name of Cheadle's horse. ("The Northwest Passage by Land", 1865.)

Buffalo; bay and point, lake of the Woods, southeastern portion of Manitoba.
A buffalo, which had strayed from the plains was killed at the point. ("The Shoe and Canoe," J. J. Bigsby, 1850.)

Buffalo lake. See Peter Pond.

Buffalo; park reserve and coulee, flowing into Battle river in Tp. 46-6-4, Alberta.

Buffalo river and settlement. See Dillon.

Burgess. See Festubert.

Burrows; lake and river, Kenogami river, Thunder Bay district, Ont. (Not Devilfish.)
After A. G. Burrows, geologist, Toronto, who explored the lake.

Burstall; mount, 9,000 feet, lat. 50° 46′, long. 115° 19′, Alberta.
After Maj.-Gen. Sir H. E. Burstall, K.C.B., C.M.G., A.D.C.

Buskegau; river, Frederick House river, Abitibi river, Timiskaming district, Ont. (Not Bushkegau, Bushkegow, nor Buskegow.)

Byng; mount, 9,760 feet, lat. 50° 50′, long. 115° 31′, Alberta.
After Gen. Sir J. H. G. Byng, in command of the Canadian army corps, May 1916–June 1917.

C

Cadorna; mount, 10,280 feet, lat. 50° 28′, long. 115° 09′, B.C.
After Gen. Cadorna, in command of Italian army in the field until November, 1917.

Cain River village. See Howard.

Canadian; creek, tributary to Britannia creek, Yukon river, in lat. 62° 49′, long. 138° 42′, Yukon.

Car (pointe du). See Quart.

Cardinal; river, tributary to Brazeau river in Tp. 45-18-5, Alberta. (Not North branch of Brazeau.)
After Jacques Cardinal, fur trader, whose grave is on the bank in Sec. 13, Tp. 45-21-5. Cardinal is referred to by travellers through the Athabaska pass, 1820-30, as an old man living near Henry house in charge of the horses used by the fur trade brigades.

Castelleia lake. See Leman.

Castelnau; mount, 9,800 feet, lat. 50° 32′, long. 115° 10′, also glacier, B.C.
After noted French general.

Chapman; hill, Stoke township, Richmond county, Que. (Not Bald mountain.)
After Rev. Thomas Shaw Chapman (1824-1912), minister, Church of England, Dudswell, 1849-89.

Chat (cap); cape, Gaspe county, Que. (Not Chate nor Chatte.) Restatement of previous decision.
The name is first found on a map accompanying the edition of Champlain's works published in Paris in 1613. The cape is called C. de Chate. In a description of the gulf of St. Lawrence in the 1632 edition, Champlain makes two references to "cap de Chatte." The form found on maps is almost always "Chat" or the English "Cat." For instance, Jumeau's map, 1685, has C. du Chat, Admiral Boscawen's map, 1715, has Cat cape, a French Marine Department map, 1784, has "cape Chat," Bouchette's map, 1815, and Arrowsmith's map, 1834, have "cape Chat," the map of Quebec Crown Lands Department, 1857 and Tache's map, 1870, have "cap Chat." Early Admiralty charts have "C. Chatte." The township was erected in 1842 as "Cap-Chat." Modern map usage is "cap Chat." The general belief is that the cape took its name from a conspicuous rock resembling a cat sitting up, located on the very extremity of the point. A photograph of this rock is in possession of the Board.

Chephren; mountain, 10,700 feet, lat. 51° 51′, long. 116° 45′, and lake, Alberta. (Not Pyramid.)
Name of second of three great pyramids of Egypt; changed from Pyramid to avoid duplication with mountain in lat. 52° 57′, long. 118° 09′, Alberta.

Chimney; peak, 9,840 feet, northwest of Vermilion pass, Alberta and B.C.
Climbed in 1910 through a " chimney " by Dr. Longstaff and Capt. E. O. Wheeler.

Chip lake. See Romeo.

Churchill; lake, head of Churchill river, Sask. (Not Clear.)

Clark; harbour and point, 10 miles north of Dauphin river, lake Winnipeg, Man. (Not Limestone point.)
After David Clark, of Reid and Clark, who had a fishing station at the mouth of Dauphin river.

Clear lake. See Churchill.

Clovelly; settlement, near Cloose Indian reserve, Vancouver island, B C.
Name suggested by residents from resemblance to Clovelly, Devonshire, Eng.

Cochons island. See Dorvilliers.

Cockfield; mount, 6,200 feet, lat. 62° 38′, long. 138° 26′, Selwyn river, Yukon.
After W. E. Cockfield, assistant packer on survey parties.

Coffee; creek, tributary to Yukon river in lat. 62° 55′, long. 139° 01′, Yukon.

Colorado; creek, tributary to Klotassin river in lat. 62° 31′, long. 138° 49′, Yukon.

Constantine; mount, 10,295 feet, lat. 61° 24′ 29″, long. 140° 34′ 26″, St. Elias mountains, Yukon.
After Supt. Charles Constantine, R. N. W. Mounted Police; joined, 1886; died, 1912.

Conway; mount, 10,170 feet, lat. 51° 46′, long. 116° 48′, Alberta and B.C.; also glacier and creek, Howse river, Alberta.
After Sir Martin Conway, famous mountain climber.

Cordonnier; mount, 9,910 feet, lat. 50° 33′, long. 115° 14′, Alberta and B.C.
After noted French general.

Cornwell; mount, 9,832 feet, lat. 50° 18′, long. 114° 47′, Alberta and B.C.
After Jack Cornwell, V.C., H.M.S. Chester, the boy hero of the battle of Jutland, 31st May, 1916.

Courcelette; peak, 9,977 feet, lat. 50° 17′, long. 114° 48′, Fording river, B.C.
After village between Albert and Bapaume, France.

Cradock; ridge, lat. 50° 40′, long. 115° 24′, B.C.
After Rear Admiral Sir Christopher Cradock, who perished in the naval battle of Coronel, 1st November, 1914.

Currie; mount, 9,268 feet, lat. 50° 48′, long. 115° 30′, Alberta.
After Lt.-Gen. Sir A. W. Currie, K.C.B., K.C.M.G., appointed to command of Canadian army corps, June, 1917.

D

Danville; river, tributary to southwest branch of Nicolet river, below Danville, Shipton township, Richmond county, Que.
After Danville, village.

Dauphine (rivière); brook, island of Orleans, Montmorency county, Que. (Not Dauphin, Delphine, Bellefine nor Bellefin.)
On Villeneuve map, 1689.

Deep creek. See Dip.

Defender; mount, 9,200 feet, lat. 50° 36′, long. 115° 17′, Palliser river, B.C.
After destroyer in Jutland battle, 31st May, 1916.

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Delphine river. See Dauphine.

Deux-Montagnes (lac des); lake, expansion of Ottawa river, Que. English usage: Two Mountains (lake of).

Devilfish lake and river. See Burrows.

Dillon; river, flowing into Peter Pond lake, in Tp. 80-19-3, Alberta and Sask.; also settlement at mouth of river, Sask. (Not Buffalo.)
Family name of J. N. Wallace, D.L.S., who surveyed it.

Dip; creek, tributary to Klotassin river, in lat. 62° 33′, long. 139° 20′, Yukon. (Not Deep.)

Dorvilliers; island, St. Lawrence river, Berthier county, Que. (Not Cochons.) Decision revised.
After the fief.

Drysdale; mount, lat. 51° 09′, long. 116° 17′, north of Wolverine pass, Kootenay district, B.C.
After C. W. Drysdale, geologist, drowned in Kootenay river, 10th July, 1917.

Dupas; island, St. Lawrence river, Berthier county, Que. (Not Du Pas nor Du Pads.)
After sieur Dupas, granted seigniory, including the island, in Berthier, 1672.

Dusablé; island, St. Lawrence river, Berthier county, Que. (Not Fesses.) Decision revised.
After wife of Pierre Gaultier de Varennes, sieur de la Vérendrye.

E

East branch of Rat river. See Joubert.

Ebon; peak, 9,600 feet, lat. 51° 47′, long. 116° 46′, Alberta and B.C.
Shows black amid a line of snowclad peaks.

Edwards lake and creek. See Heffley.

Election; lake, Tps. 64 and 65—25—P. Man.
Surveyed on election day.

Embury; lake, Tp. 68—29—P. Man. (Not Trout.)
After W. J. Embury, assistant geologist who surveyed the lake in 1916.

Evelyn creek. See Tumbling.

Excelsior; creek, tributary to Yukon river in lat. 62° 54′, long. 138° 57′, Yukon.

F

Fairy lake. See Féré.

Falcon; lake, Tps. 8 and 9—16 and 17—E and river, Indian bay, Shoal lake, Man.

Farwell; lake, Tps. 63 and 64—19 and 20—P. Man.
After member of survey party.

Féré; lake, near Valcartier, Quebec county, Que. (Not Fairy nor Ferré).
Family name.

Ferré lac. See Féré.

Fesses (Île aux). See Dusablé.

Festubert; mountain, lat. 49° 05′, long. 114° 08′, Alberta and B.C. (Not Burgess.)
After village east of La Bassée, France.

Flanders; mountain, lat. 49° 06′, long. 114° 18′ and brook, Sage creek, B.C.
After western part of Belgium.

Flinflon; lake and creek, emptying into northwest arm of Schist lake, Man.

Foch; mount, 10,130 feet, lat. 50° 34′, long. 115° 09′, Alberta and B.C.
After Marshal Ferdinand Foch, generalissimo of the allied forces 1918-19.

Fox; mount, 9,752 feet, lat. 50° 34′, long. 115° 07′, Alberta and B.C.
On Palliser Expedition map, 1865.

Francœur; hamlet and brook, tributary to southwest branch of Nicolet river, Kingsey township, Drummond county, Que. (Not Francœurville.)

French; mount, 10,610 feet, lat. 50° 44′, long. 115° 18′, Alberta.
After Field Marshal J. D. P. French, Viscount of Ypres and of High Lake, commander in chief, British army, 1914-15.

Frobisher; lake, north of Churchill lake and draining into it, Sask. (Not Island nor Ministik.)
After Frobisher family, early Montreal traders.

Frontier; peak, lat. 52° 49′, long. 118° 26′, Rocky mountains, B.C.
Near the interprovincial boundary.

G

Gamsby; lake, west of Long lake, Thunder Bay district, Ont.
After C. H. Gamsby, who made surveys in the region for the Canadian Pacific Ry., 1877.

Gathering; lake, east of lake Nipigon, near headwaters of Namewaminikan river, Thunder Bay district, Ont. (Not Granite.)
Descriptive.

Généreuse (rivière). See Généreux.

Généreux; brook, tributary to southwest branch of Nicolet river, Drummond and Nicolet counties, Que. (Not rivière Généreuse.)
Family name.

Grand falls and river. See Hamilton.

Grande Presquîle. See Aulneau.

Grands-Mechins; telegraph station, Matane county, Que.
See Mechins.

Grands-Mechins (anse des, rivière des); bay and river, Matane county, Que.
See Mechins.

Granite lake. See Gathering.

Grattan; creek, tributary to Battle river in Tp. 45-8-4, Alberta.

Gravenstafel; ridge, lat. 49° 19′, long. 114° 27′ and brook, Scarpe creek, Alberta.
After ridge southwest of Passchendaele, Belgium.

Gray; mount, lat. 51° 08′, long. 116° 16′, overlooking Wolverine pass from southeast, Kootenay district, B.C.
After W. J. Gray, geologist, drowned in Kootenay river, 10th July, 1917.

Graywood; settlement, Annapolis county, N.S. (Not Greywood.)
After James Gray, who founded the settlement about 1830.

H

Habel mount. See Poilus.

Hamilton; falls, Hamilton river, Quebec. (Not Grand, Patseschewan, Pitshetonau, nor Mistapowistock.)

Hamilton; river, New Quebec and Ashuanipi territories, Quebec. (Not Grand, Mistasibi, Kessessakiou, St. Louis, Winikapau nor Petshikupau.)
Hamilton inlet, into which the river flows, was named in 1821 after Sir Charles Hamilton, Governor of Newfoundland.

Hammond; mount, lat. 50° 29′, long. 116° 32′, Kootenay district, B.C. (Not Thumb.)
After late H. C. Hammond, Toronto.

Harrison; creek, Northwest Angle inlet, Man., Canada, and Minnesota, U.S. (Not Harrisson.)
After Damase Harrison, settler and trader.

Hawk lake. See West Hawk.

Haworth; mount, lat. 57° 30′, long. 125° 25′, Kwadacha river, Peace River district, B.C. (Not Observation.)
After P. L. Haworth, Eastover, West Newton, Indiana, who climbed it, 1916. (On the Headwaters of Peace River, 1917.)

Hay creek. See Powawassan.

Hazel; creek, Brokenhead river, southeastern portion of Manitoba.
After Hazel, Grand Trunk Pacific Ry. station.

Hefferly lake and creek. See Heffley.

Heffley; lake and creek, tributary to North Thompson river, about 13 miles above Kamloops, Kamloops district, B.C. (Not Hefferly, Hefferley nor Edwards.)
After Adam P. Heffley, rancher; died 1871.

High; lake, Tp. 8–17–E., Man. and Ont.

Hines; river, rising in Tp. 86-3-6, and flowing into the Peace river in Tp. 80-4-6, Alberta. (Not Muddy nor Island.)

Holcroft; mount, 8,900 feet, lat. 50° 14′, long. 114° 46′, Alberta and B.C.
After H. S. Holcroft, of the surveyor general's staff; died on active service.

Hollebeke; mountain, lat. 49° 23′, long. 114° 34′, Alberta and B.C.
After village southeast of Ypres, Belgium.

Holloway rock; a mountain, 8,100 feet, lat. 52° 50′, long, 118° 25′, Rocky mountains, B.C.

Howard; village, Northumberland county, N.B. (Not Cain River.) Decision revised.
The residents of the village of Cain River, New Brunswick, asked that the name be changed as it was not situated on Cain river, but only near it. Prof. W. F. Ganong pointed out that there was a very good alternative name available from the history of the place. In 1825 or 26, shortly after Sir Howard Douglas, then governor of New Brunswick, passed through the vicinity, a town was laid out at the mouth of the Cain river and named Howardville, obviously in his honour. The name persisted for a time, but later became disused as the place failed to be settled as expected. The Board approved the name Howard.

Howse; river, rising near Snow peak in the Summit range of the Rockies, west of Howse pass and flowing into North Saskatchewan river, Alberta. (Not Middle fork of North Saskatchewan.)

I

Île à-la-Crosse; settlement, lac Ile-à-la-Crosse, Churchill river, Sask.
A letter of Sir Alex. Mackenzie, 1st October, 1787, is dated from "Ile-à-la-Crosse."

Île-à-la-Crosse (lac); lake, Churchill river, Sask.
From an island in the lake where the Indians played the game of lacrosse.

Indian; bay, Shoal lake, Man. and Ont.

Isaac; creek, tributary to Yukon river in lat. 62° 50′, long. 138° 29′, Yukon.

Iskwasum; lake, Tp. 65–22 and 23–P, Grass river, Man. (Not Island.)
Cree word meaning "he burns it." The west end of the lake has been burned over.

Island river. See Hines.

Island lake. See Frobisher.

Island lake. See Leopard.

Island lake. See Iskwasum.

Ivanhoe; lake and river, tributary to Groundhog river, Sudbury and Timiskaming districts, Ont. (Not Pishkanogama.)
After the township, which after Sir Walter Scott's novel.

J

Jellicoe; mount, 10,065 feet, lat. 50° 43′, long. 115° 17′, Alberta.
After Admiral Lord Jellicoe, in command of the Grand fleet, 1914-15.

Joffre; mount, 11,316 feet, lat. 50° 32′, long. 115° 12′, Alberta and B.C.; also creek, Palliser river, B.C.
After Marshal J. J. C. Joffre, commander in chief, French armies, 1915-17.

Johnstone; lake, southwest of Moose Jaw, Sask. (Not Johnston.) Decision revised.
Named, 1861, by Dr. (afterwards Sir) John Rae who hunted in the region in that year with Viscount Chaplin of St. Oswalds and Sir Frederick John William Johnstone, Bart. (1841-1913), then Oxford undergraduates. The chairman of the Hudson's Bay Co. at this time was Viscount Chaplin's great-uncle, the Rt. Hon. Edward Ellice, and, in Viscount Chaplin's words, "it was under his auspices that our expedition was organized from 'Fort Garry,' now the city of Winnipeg, but which was then the headquarters of that company fur trading with the Red Indians. . . . . Our intention had been to go to the Cypress hills, in pursuit of grizzly bears, and then on to the Rocky mountains. But the Blackfeet Indians at that time were on the warpath, and the Red River hunters and buffalo runners that we had with us, 10 in number, were reluctant to go through their country. So much so, indeed, that although we had a famous guide, one James Mackay, a Scotch half breed, he could not persuade them and we had to change route. The quantities of buffalo in those days in the region we had reached were incredible."

Joubert; creek, tributary to Rat river in Tp. 6–4–E, Man.
After Olivier A. Joubert, postmaster, St. Pierre-Jolys.

Jutland; mountain, lat. 49° 12′, long. 114° 16′ and brook, Castle river, Alberta.
After continental part of Denmark.

K

Kaufmann; lake, near head of Tokumm creek, Vermilion river, Kootenay district, B.C.
After Christian Kaufmann, a Swiss guide.

Kenisheong lake. See Mistinikon.

Kesamachiskun river. See Weir.

Kessessakiou river. See Hamilton.

Kilbella; river and bay, Rivers inlet, Coast district, B.C. (Not Kildala nor Kildella.)

Kildala; river and arm, Kitimat arm, Douglas channel, Coast district, B.C.

Kildala river and bay. See Kilbella.

Kildella river and bay. See Kilbella.

King; peak, 16,971 feet, lat. 60° 34′ 50″, long. 140° 38′ 53″, St. Elias mountains, Yukon.
After late Dr. W. F. King, International Boundary Commissioner.

King Albert; mount, 9,800 feet, lat 50° 43′, long. 115° 25′, Alberta and B.C.
After King Albert of Belgium.

King Christian; island, lat. 77° 45″, long. 112°, Arctic ocean, Franklin, N.W.T.
Named by Sverdrup expedition, 1901.

King George; mount, 11,226 feet, lat 50° 36′, long. 115° 24½′, B.C.
After His Majesty the King.

L

Lac-la-Plonge settlement. See La-Plonge.

Lac-la-Ronge settlement. See La-Ronge.

Lac-la-Biche; settlement, Tp. 67-13-4, Alberta.

Lac-la-Nonne; settlement, Tp. 57-3-5, Alberta.

La Coulotte; peak, lat. 49° 13′, long. 114° 19′ and ridge, Alberta and B.C.; also brook, Castle river, Alberta.
After place on outskirts of Lens, France.

Lambart; mountain, 10,725 feet, lat. 61° 31′ 17″, long. 140° 58′ 29″, St. Elias mountains, Yukon.
After F. H. J. Lambart, dominion land surveyor, who surveyed it.

Lang; bay, Malaspina strait, Coast district, B.C. (Not Wulfsohn.)

Lang Bay; settlement, Malaspina strait, Coast district, B.C. (Not Wulfsohn Bay.)
After three residents wounded overseas.

Langemarck; mountain, lat. 49° 06′, long. 114° 22′ and brook, Sage creek, B.C.
After village north of Ypres, Belgium.

La-Plonge; settlement, Tp. 71-11-3, Sask. (Not Lac-la-Plonge.)

Larch; valley, west of Moraine lake, Rocky mountains, Alberta.
Descriptive.

La-Ronge; settlement, near Churchill river, Sask. (Not Lac-la-Ronge.)

Leak; lake, Tp. 64-22 and 23—P. Man.
Water flows from it through a hole in the limestone rock at the bottom of the lake.

Leather; peak, 7,800 feet, lat. 52° 52′, long. 118° 36′, Yellowhead pass, B.C.
Commemorating an old name of the Yellowhead pass.

Leman; mount, 8,956 feet, lat. 50° 44′, long. 115° 25′, Alberta and B.C.; also lake, north of mountain, Alberta. (Not Castelleia lake.)
After Gen. G. Leman, defender of Liège, Belgium.

Leopard; lake, east of lake Nipigon, near headwaters of Namewaminikan river, Thunder Bay district, Ont. (Not Island.)
The lake is " spotted " with islands.

LeRoy; mount, 9,600 feet, lat. 50° 42′, long. 115° 20′, Kananaskis pass, B.C.
After O. E. LeRoy, who had charge of the British Columbia division of the Geological Survey; killed at Passchendaele.

Leval; mount, 8,900 feet, lat. 50° 45′, long. 115° 26′, Alberta and B.C.
After Gaston de Leval, Belgian lawyer, who defended Edith Cavell.

Lilliput; mountain, lat. 51° 33′, long. 116° 25′, Alberta and B.C.
Rock pillars on it resemble a crowd of little people.

Limestone harbour and point. See Clark.

Lipsett; mount, 8,400 feet, lat. 50° 33′, long. 114° 55′, Highwood river, Alberta.
After Maj. Gen. L. J. Lipsett, C.M.G., C.E.F.

Little Buffalo lake. See Peter Pond.

Little Rat creek. See Joubert.

Little Saanich hill. See Observatory.

Loach lake. See Methy.

Loche (lac la) (portage la). See Methy.

Long creek. See Avonlea.

Long; lake, head of Kenogami river, Thunder Bay district, Ont.
Descriptive.

Lucania; mountain, 17,147 feet, lat. 61° 01′ 16″, long. 140° 27′ 54″, St. Elias mountains, Yukon.
Named by Duke of the Abruzzi, 1897, after the Cunard liner on which he had crossed the Atlantic.

Lucerne; peak, 7,015 feet, lat. 52° 52′, long. 118° 35′, Yellowhead pass, B.C.
Overlooks Lucerne railway station.

Lunette; peak, 11,150 feet, lat. 50° 52′, long. 115° 39′, south of mount Assiniboine, Alberta and B.C.
Descriptive.

Lyautey; mount, 9,990 feet, lat. 50° 36′, long. 115° 13′; also glacier, Kananaskis river, Alberta.
After Gen. Herbert Lyautey, Minister of War, France, 1916.

Lys; ridge, lat. 49° 15′, long. 114° 18′, and brook, Castle river, Alberta.
After river flowing through Armentières, France.

M

McArthur; peak, 14,253 feet, lat. 60° 36′ 28″, long. 140° 12′ 59″, St. Elias mountains, Yuko.n
After J. J. McArthur, International Boundary Commissioner.

McCoubrey: mountain, lat. 50° 27′, long. 116° 30′, Kootenay district, B.C.
After A. A. McCoubrey, Winnipeg, who climbed in the region, 1914.

McLean; lake and river, tributary to Clearwater river in Tp. 90-21-3, Sask.
After Hudson's Bay Co. officer in charge of post at Methy lake.

Macdonnell; mount, 8,500 feet, lat. 50° 30′, long. 115° 11′, B.C.
After Maj. Gen. A. C. Macdonnell, C.B., C.M.G., D.S.O.

McNeill; bay, near Gonzales point, south coast of Vancouver island, B.C. (Not McNeil, McNiel nor Shoal.)
Name on Dr. H. Forbes's map of Vancouver island, Geographical Journal, 1864.
After Capt. William H. McNeill (1803-75), Hudson's Bay Co.; settled near the bay in 1831; in 1837 made a report to Governor Sir George Simpson on southern portion of Vancouver Island, recommending Camosun, now Victoria, as a suitable place for a settlement or a trading establishment.

McPhail; mount, 9,300 feet, lat. 50° 24′, long. 114° 51′, Alberta and B.C.
After N. R. McPhail, of the surveyor general's staff; killed in action, November, 1917.

Mangin; mount, 10,030 feet, lat. 50° 32′, long. 115° 13′, also glacier, Alberta and B.C.
After Gen. Mangin, France, who won honour in the Labyrinth, 1915, and in second battle of Verdun.

Manistikwan; lake, Tps. 66 and 67–29–P. Man. (Not Big Island.)
Indian name meaning "devil's head"; originally applied to Schist lake.

Maraiche; lake, lat. 54° 28′, long. 102° 00, Sask. (Not Marie.)
After the fish of this name.

Marie lake. See Maraiche.

Marlborough; mount, 9,700 feet, lat. 50° 33′, long. 115° 12′, Kananaskis river, Alberta.
After battleship in Jutland battle, 31st May, 1916.

Massive; mountain, lat. 51° 11′, long. 115° 47′ 30″, Bow river; also railway station, Alberta.
Descriptive of mountain.

Maude; mount, 9,980 feet, lat. 50° 42′, long. 115° 18′, Alberta and B.C.
After Maj. Gen. Sir F. S. Maude (1864-1917), captor of Bagdad; military secretary to the Governor General of Canada, 1901-04.

Mecatina; cape, island and river, Saguenay county, Que. (Not Mekattina.) Decision revised.

Mechins (cap des); cape, Matane county, Que. (Not Mechin, Michaud, Michaux, Misho, nor Mishto.) Decision based on local usage.
Mechins also forms part of the following place-names in Matane county, approved by the Geographic Board:—anse des Grands-Mechins, anse des Petits-Mechins, rivière des Grands-Mechins, rivière des Petits-Mechins, Grands-Mechins telegraph station, and Petits-Mechins settlement. The earliest form of the word found on maps is Mishto on that of Holland, 1790, who has Pet. Mishto R.; Mann, 1791, has Pet. Misho R.; Bouchette, 1815, Little Michaud R. and Sax, 1829, Petit Michaud. The form Mechin or Mechins first appears on the map of Taché, 1870, who has R. Grand Mechin.

Mercer; mount, 9,700 feet, lat. 50° 55′, long. 115° 31′, Alberta.
After Maj. Gen. M. S. Mercer, C.B., C.E.F.; killed in action near Zillebeke, Flanders, 2nd June, 1916.

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Metasse point. See Mitas.

Methy; lake, portage and river, at headwaters of Churchill river, Sask. (Not Loach, la Loche nor Methye.) Decision revised.
English form of Cree Indian name meaning "burbot."

Michaud cape. See Mechins.

Middle fork of North Saskatchewan river. See Howse.

Midway; peak, 9,570 feet, lat. 51° 48′, long. 116° 47′, Alberta and B.C.

Ministik lake. See Frobisher.

Mishto cape. See Mechins.

Mistapowistock falls. See Hamilton.

Mistasibi river. See Hamilton.

Mistaya; mountain, 10,100 feet, lat. 51° 43′, long. 116° 43′, Alberta and B.C.; also lake, Alberta.
Indian name meaning "grizzly bear."

Mistik; creek, emptying into north arm of Athapapuskow lake, Man.
Cree word meaning "big tree."

Mistinikon; lake, west branch of Montreal river, Timiskaming district, Ont. (Not Kenisheong).

Mitas; point, Winnipeg river, lake Winnipeg, Manitoba. (Not Metasse.)
Cree Indian name meaning "legging."

Monro; mount, 10,145 feet, lat. 50° 42½′, long. 115° 20′, B.C.
After Maj. Gen. Sir C. C. Monro, commander of the 2nd division, 1st army corps, B.E.F.

Morrison; mount, 9,500 feet, lat. 50° 50′, long. 115° 29′, Alberta.
After Maj. Gen. Sir E. W. B. Morrison, K.C.B., C.M.G., D.S.O.

Morrison river. See Shekak.

Muddy River. See Sprague.

Muddy river. See Hines.

Muir; mount, 9,000 feet, lat. 50° 24′, long. 114° 49′, Alberta and B.C.
After Alex. Muir, author of "The Maple Leaf"; died, 1906.

Murray; river, tributary to Pine river in Tp. 78–21–66, Peace River district, B.C.
After N. F. Murray, C.E., who surveyed the river for B.C. Forest Branch; enlisted in 67th battalion; killed in action in France.

N

Nagagami; lake and river, Kenogami river, Algoma district, Ont.

Nagagamisis; lake and river, Shekak river, Nagagami river, Algoma district, Ont. (Not Negagamisis.)

Naiset point; a mountain, 9,000 feet, lat. 50° 54′, long. 115° 37′, B.C.
Indian word meaning "sunset."

Narao; peak, lat. 51° 25′, long. 116° 19′, and lakes, south of Hector railway station, Kootenay district, B.C.
Stoney Indian for "hit in the stomach."

Negagamisis lake and river. See Nagagamisis.

Nivelle; mount, 10,620 feet, lat. 50° 31′, long. 115° 10′, B.C.
After Gen. R. G. Nivelle, France.

Noire (rivière); river, tributary to Yamaska river, Shefford and Bagot counties, Que. English usage: Black.

North branch of Brazeau River. See Cardinal.

North point. See Rabast.

Northeast Roseau River. See Sprague.

Nub; peak, 9,016 feet, lat. 50° 56′, long. 115° 40′, B.C.
From a knob or nub of rock on the east side.

O

O'Beirne; mount, 8,400 feet, lat. 52° 55′, long. 118° 37′, Yellowhead pass, Alberta and B.C.
After Eugene Francis O'Beirne, who accompanied Milton and Cheadle through the Yellowhead pass, 1863.

Observation peak. See Haworth.

Observatory; hill, lat. 48° 31′, long. 123° 25′, Vancouver island, B.C. (Not Saanich, nor Little Saanich.)
The Dominion Astrophysical observatory is on this hill.

Onslow; mount, 9,100 feet, lat. 50° 35′, long. 115° 17′, Palliser river, B.C.
After destroyer in Jutland battle, 31st May, 1916.

Ouines (baie des). See Vin.

P

Paint; lake, Namewaminikan river, Thunder Bay district, Ont.

Patseschewan falls. See Hamilton.

Patten; river, tributary to Turgeon river, Timiskaming district, Ont. (Not Woman.)
After T. J. Patten, O.L.S., who made a track survey of the river in 1906.

Patterson; mount, 10,490 feet, lat. 51° 45′, long. 116° 42′, Alberta.
After J. D. Patterson, president, Alpine Club of Canada.

Pattison; mount and creek, tributary to Klotassin river in lat. 62° 30′, long. 138° 45′, Yukon.
After A. E. Pattison, packer on survey parties.

Pays Plat lake. See Roslyn.

Peers; river, Coquihalla river, Yale district, B.C. (Not Pierre.)
So named on manuscript map made by A. C. Anderson, Hudson's Bay Co., 1849. After Henry N. Peers, Hudson's Bay Co. official who advocated a route to the Similkameen valley by way of Coquihalla river, Peers river and Soaqua creek. Governor James Douglas in a letter from Fort Langley, 30th October, 1848, to John Tod, Hudson's Bay Co. chief trader refers to this route. Peers was factor at the Hudson's Bay Co. post at Cowlitz, Washington, in the year 1851. He married the daughter of Chief Factor J. Murray Yale. A daughter is resident in Victoria.

Pembina; lake, Tps. 4 and 5–11–P, Pembina river, Man. (Not Swan.)
One of "Pembina or Rib" lakes on Palliser map, 1865.

Peninsula (The). See Aulneau.

Pétain; mount, 10,400 feet, lat. 50° 33′, long. 115° 11′, Alberta and B.C.
After Gen. H. P. Pétain, France, the man who saved Verdun.

Peter; mount, lat. 50° 28′, long. 116° 30′, also pass, Kootenay district, B.C.
After Peter Kerr, member of the 1914 climbing party; enlisted in 1st contingent, died of wounds, 1917.

Peter Pond; lake, at headwaters of Churchill river, Sask. (Not Beef, Buffalo nor Little Buffalo.)
After Peter Pond, first white man to visit and map it. Pond wintered on Athabaska river, 1778-84.

Petits Mechins (anse des, rivière des); bay and river, Matane county, Que.
See Mechins.

Petits-Mechins; settlement, Matane county, Que.
See Méchins.

Petshikupau river. See Hamilton.

Peyto; peak, 9,805 feet, lat. 51° 41′, long. 116° 41′, Alberta.
After Bill Peyto, guide.

Pierce; mount, 9,300 feet, lat. 50° 12′, long. 114° 45′, Fording river, B.C.
After B. C. Pierce, of the surveyor general's staff; killed in action, 9th April, 1917.

Pierre creek. See Peers.

Pilot; mountain, lat. 51° 11′, long. 115° 49′, Alberta.
Descriptive.

Pincher; creek, Oldman river, Alberta.
Prospectors, in 1870, lost their "pinchers" in it.

Pishkanogama lake. See Ivanhoe.

Pitshetonau falls. See Hamilton.

Plonge (lac la) (rivière la); lake, lat. 55° 07′, long. 107° 17′, and river, tributary to Beaver river Sask.
From the moose standing in the lake and plunging in their heads to get rid of mosquitoes and flies.

Poilus (mont des); (glacier des); mountain, 10,361 feet, and glacier, lat. 51° 36′, long. 116° 37′, head of Yoho valley, B.C. (Not Habel.)
Commemorating the French soldier in the Great war and replacing the name Habel given to the peak in 1898 after Jean Habel, Berlin, Germany, who climbed in the region, 1897. Present name suggested by "Les Annales," Paris, France, which, in an article, 25th August, 1918, said:—"We beg our allies . . . to keep one mountain . . . for the great hero of the age, the humble and fascinating Poilu."

Powawassan; creek, Shoal lake, Man. and Ont. (Not Powawasan nor Hay.)
After Indian reserve on banks of the stream, which after Indian chief.

Powell; lake and river, Malaspina strait, Coast district, B.C.
Named 1880, after Israel Wood Powell, M.D. (1872-89) Indian commissioner, British Columbia.

Prince Albert; mount, 10,530 feet, lat. 50° 36½′, long. 115° 24′, B.C.
After second son of His Majesty the King.

Prince Edward; mount, 10,590 feet, lat. 50° 36½′, long. 115° 25′, B.C.
After the Prince of Wales.

Prince George; mount, 9,450 feet, lat. 50° 36′, long. 115° 23′, B.C.
After fourth son of His Majesty the King.

Prince Henry; mount, 10,560 feet, lat. 50° 37′, long. 115° 25′, B.C.
After third son of His Majesty the King.

Prince John; mount, 10,570 feet, lat. 50° 38′, long. 115° 26′, B.C.
After fifth son of His Majesty the King (1905-1919).

Princess Mary; mount, 10,090 feet, lat. 50° 35′, long. 115° 24′, B.C.
After daughter of His Majesty the King.

Promontory (The). See Aulneau.

Pyramid mountain and lake. See Chephren.

Proulx; hill, Kingsey township, Drummond county, Que. (Not Prue.)

Prue hill. See Proulx.

Putnik; mount, 9,500 feet, lat. 50° 39′, long. 115° 15′, Kananaskis river, Alberta and B.C.
After late Field Marshal R. Putnik, Serbia.

Q

Quadra; mountain, 10,410 feet, in southern portion of Tp. 27–16–5, Alberta and B.C.
Descriptive.

Quart (pointe du); point, Miramichi bay, Northumberland county, N.B. (Not Car nor Beduin.)
French name meaning point of the "watch" or "guard."

Queen Elizabeth; mount, 9,349 feet, lat. 50° 43′, long. 115° 24′, Alberta and B.C.
After Queen of Belgium.

Queen Mary; mount, 10,600 feet, lat. 50° 39′, long. 115° 27′, B.C.
After Her Majesty the Queen.

Rabast (cap de); cape, north point of Anticosti island, Saguenay county, Que. (Not North.)
French name used by Cartier, 1535, meaning "where the land begins to fall away."

R

Rat; river, Red river, Man.

Red Man; mount, 9,498 feet, lat. 50° 47′, long. 115° 32′, Alberta and B.C.
From the red colour of the rock, and in contrast to mount White Man.

Rhondda; mount, 10,025 feet, lat. 51° 39′, long. 116° 41′, Rocky mountains, Alberta and B.C.
After late Lord Rhondda, British food controller.

Ribstone; lake, Tp. 44–5–4, Alberta.

Ringrose; peak, between mount Yukness and mount Hungabee, Bow range, Rocky mountains, Alberta and B.C.
Named by S. E. S. Allen, 1894, after A. E. L. Ringrose, London, England, "an extensive traveller and of great familiarity with the Rockies."

Robertson; mount, 10,400 feet, lat. 50° 44′, long. 115° 19′, Alberta and B.C.
After Gen. Sir Wm. Robertson, Chief of Imperial General Staff, at headquarters, till February, 1918.

Rockingham; mountain, 8,160 feet and creek, lat. 52° 47′, long. 118° 30′, Rocky mountains, B.C.
A family name of Lord Milton, who, with Dr. Cheadle, travelled through Yellowhead pass, 1863.

Rogers; lake, west of Long lake, Thunder Bay district, Ont.
After W. R. Rogers, of Ontario Bureau of Mines staff.

Romeo; lake, Tp. 58–6–5; also creek flowing through the lake, Alberta. (Not Chip lake.)
After J. R. Romeo, early settler at the lake.

Rosiers (rivière des); river, Nicolet river, Warwick township, Arthabaska county, Que. (Not Trout.)

Roslyn; lake, east of lake Nipigon, near headwaters of Namewaminikan river, Thunder Bay district, Ont. (Not Pays Plat.)

S

Saanich hill. See Observatory.

St. Agapit; brook, Beaurivage river, Lotbinière county, Que. (Not Black.)

St. Eloi; mountain, lat. 49° 20′, long. 114° 29′, Alberta and B.C. and brook, Flathead river, B.C.
After village south of Ypres, Belgium.

St. Germain; river, tributary to St. Francis river, below Drummondville, Drummond county, Que. (Not Black.)
After the village.

St. Labre; creek, Whitemouth river, southeastern portion of Manitoba. (Not West branch of Whitemouth river.)
After St. Labre post office.

St. Louis river. See Hamilton.

St. Nazaire; river, tributary to Yamaska river, near Upton, Bagot county, Que. (Not Black.)
After the village, which after His Eminence Cardinal Louis Nazaire Bégin, Archbishop of Quebec.

St. Vallier; point, St. Lawrence river; also parish, railway station and post office, Bellechasse county, Que. (Not St. Valier.)
After Mgr. Jean Baptiste de la Croix Chevrières de Saint-Vallier (1653-1726), 2nd bishop of Quebec, 1688-1727.

Salter; mount, lat. 49° 53′, long. 114° 48′, south of Line creek, B.C. (Not Sheep.)
After member of Dr. G. M. Dawson's survey party, 1884.

San Mateo; bay and settlement, Barkley sound, Vancouver Island, B.C.

Sarrail; mount, 10,300 feet, lat. 50° 35′, long. 115° 10′, Kananaskis river, Alberta.
After Gen. M. Sarrail, France, sometime in command of the army of the Orient.

Saskoba; lake, Tp. 63–30–P, Man. and Sask.
Combination of Sask(atchewan) and (Manit)oba.

Scarpe; mountain, lat. 49° 13′, long. 114° 24′, Alberta and B.C. and creek, Castle river, Alberta.
After river flowing through Arras, France.

Schist; lake, one mile west of north arm of Athapapuskow lake, Man. (Not Manistikwan.)
The lake lies in a band of soft schist.

Sheep mountain. See Salter.

Sheep mountain. See Vimy.

Shekak; river, Nagagami river, Algoma district, Ont. (Not Morrison.)
Indian name meaning "skunk."

Shoal bay. See McNeill.

Shorncliffe; lake, Tp. 40–6 and 7–4, and creek tributary to Ribstone creek in Tp. 40–6–4' Alberta.
After Canadian military camp in England.

Sickman lake and hill. See Akasu.

Sir Douglas; mount, 11,174 feet, lat. 50° 43½′, long. 115° 20′, Alberta and B.C.
After Field Marshal Sir Douglas Haig, K.T., G.C.B., G.C.V.O., K.C.I.F., commander in chief of the British armies in France, now Earl Haig of Bemersyde.

Skaist; mountain and river, tributary to Skagit river in lat. 49° 12′, long. 120° 59′, Yale district, B.C.
Indian name meaning "peak standing between ridges."

Slate point. See Ardoise.

Smith-Dorrien; mount, 10,300 feet, lat. 50° 44′, long. 115° 17′, Alberta.
After Gen. Sir H. L. Smith-Dorrien, in command of 2nd army, B.E.F., 1915-16.

Smuts; mount, 9,600 feet, lat. 50° 48′, long. 115° 23′, Alberta.
After Gen. J. C. Smuts, in command of troops in British East Africa, 1916-17.

Snaas mountain and creek. See Snass.

Snass; mountain and creek, tributary to Skagit river in lat. 49° 13′, long. 121° 03′, Yale district, B.C.
Chinook jargon word meaning "rain."

Snowshoe; bay, Shoal lake, Man. and Ont.

Somme; brook, lat. 49° 27′, long. 114° 22′, Carbondale river, Alberta.
After river near battlefront, France.

Somme; creek, tributary to Klotassin river in lat. 62° 25′, long. 138° 39′, Yukon.
River near battlefront.

South branch of Pouce–Coupé river. See Tupper.

Sprague; railway station and river, Roseau river, Manitoba, Canada, and Minnesota, U.S. (Not Muddy, nor Northeast Roseau.)
After D. E. Sprague, president of lumber company with timber limits in the vicinity. When the Manitoba and Southeastern Ry. was built from Winnipeg through the district, the station nearest to the Sprague camps was called Sprague; name later extended to river.

Squaam bay. See Agate.

Stairway; peak, 9,840 feet, lat. 51° 48′, long. 116° 47′, Alberta and B.C.
Descriptive of formation.

Steele; mount, 16,644 feet, lat. 61° 05′ 33″, long. 140° 18′ 34″, St. Elias mountains, Yukon.
After Gen. Sir Sam. Steele; joined R.N.W. Mounted Police 1873, retired 1903; died 1918; Yukon pioneer.

Stoke; river, rising in Dudswell township, Wolfe county, and flowing into Watopeka river in Windsor township, Richmond county; also lake, near Stoke Centre and ridge, Stoke township, Richmond county, Que. (Not Watopeka.)

Strickland; mount, 13,818 feet, lat. 61° 14′ 29″, long. 140° 45′ 14″, St. Elias mountains, Yukon.

After Inspector Darcy Edward Strickland, R.N.W. Mounted Police; joined 1891; died 1908; Yukon pioneer.

Swan lake. *See* Pembina.

Sylvan; pass, between Joffre creek, tributary to Palliser river and White river, B.C.

Descriptive name suggested by W. D. Wilcox in 1901.

Synge; mount, 9,700 feet, lat. 51° 48½′, long. 116° 47′, Rocky Mountains, Alberta and B.C.

After Capt. M. H. Synge, R.E., who, in 1852, prepared a map showing the transcontinental railway route across the Rocky mountains now followed by the Canadian Pacific Ry.

T

Terrapin; mount, 9,600 feet, lat. 50° 53′, long. 115° 37′, Alberta and B.C.

From resemblance to a turtle.

Tête (Roche); a mountain, 7,932 feet, lat. 52° 54′, long. 118° 34′, Yellowhead pass, Alberta and B.C.

Suggested by Tête Jaune, French for Yellowhead, nickname of trapper who used to cache his furs west of the summit of the pass called after him.

The Cleaver; a mountain, lat. 50° 26′, long. 116° 33′, Kootenay district, B.C.

Descriptive.

The Marshal; mountain, 10,465 feet, lat. 50° 53′, long. 115° 41′, Mitchell river, B.C.

Descriptive.

The Royal Group; mountains, west of Kananaskis pass, B.C.

The Towers; mountain, 9,337 feet, lat. 50° 53′, long. 115° 36′, Alberta and B.C.

Descriptive.

Thumb mountain. See Hammond.

Trapnarrows; lake, east of lake Nipigon, near headwaters of Namewaminikan river, Thunder Bay district, Ont.

There is diabase or trap at the narrows of the lake; elsewhere the rock is granite.

Trapper; peak, 9,790 feet, lat. 51° 41′, long. 116° 43′, Alberta and B.C.

Trout lake. See Embury.

Trout river. See Rosiers.

Tumbling; glacier and creek, tributary to Ochre creek, Vermilion river, about lat. 51° 10′, long. 116° 12′, Kootenay district, B.C. (Not Evelyn.)

Tupper; river, flowing into Pouce-Coupé river in Tp. 77–14–6, Peace River district, B.C. (Not South branch of Pouce-Coupé.)

After Frank Tupper, B.C.L.S., who surveyed in the vicinity.

Turgeon; river, Harricanaw river, Que. and Ont. (Not West branch of Harricanaw.)

After Hon. Adélard Turgeon, Minister of Lands and Forests, Que.

Turner; mount, 9,230 feet, lat. 50° 51′, long. 115° 29′, Alberta.

After Lieut. Gen. Sir R. E. W. Turner, V.C., K.C.M.G., C.B., D.S.O., commanding Canadian forces in British isles.

Turnor; lake, at headwaters of Churchill river, Sask.

After Philip Turnor, who surveyed lake Athabaska in 1791.

Two Mountains; lake of, expansion of Ottawa river, Que. French usage: lac des Deux-Montagnes.

After two conspicuous mountains.

Tyrwhitt; mount, 9,428 feet, lat. 50° 35′, long. 115° 01′, Alberta and B.C.

After Rear Admiral Sir R. Y. Tyrwhitt, leader of destroyer flotillas during the war.

U

Ulverton; river, tributary to St. Francis river, near Ulverton, Drummond county, Que.
After the village.

Utikuma; lake, river and Indian reserve, north of Lesser Slave lake, Alberta. (Not Atikamek nor Whitefish.)
Indian name meaning "whitefish."

V

Vavasour; mount, 9,300 feet, lat. 50° 46′, long. 115° 27′, White Man pass, Alberta.
Lt. M. Vavasour, R.E., and Lt. H. J. Warre, aide-de-camp to the commander of forces in Canada, crossed the Rockies by "the most southern British pass," in 1845, on a military mission. (Oregon Historical Society Report, Vol. X, 1909.)

Vents (baie des). See Vin.

Victor; creek, tributary to Dip creek in lat. 62° 38′, long. 138° 50′, Yukon.

Vimy; peak, lat. 49° 02′, long. 113° 51′ and brook, Waterton lakes, Alberta. (Not Sheep mountain nor mount Wilson.)
After town and ridge in France.

Vin (baie du) (rivière du) (île du); bay, river and island, Miramichi bay, Northumberland county, N.B. (Not baie des Ouines, Beduin island, bay du Vin, baie des Vents, baie des Winds, Betty Wind, Bettaouin, nor Vin bay.)
Origin uncertain; the form, baie des Ouines, is found in a document dated 1760; Des Barres chart, 1777, shows Beduin island; a map of 1826 shows Bay du Vin island and Bay du Vin river; neither map names the bay; later maps generally make the word Vin part of the name.

W

Waddington; mount, 8,700 feet, lat. 52° 48′, long. 118° 31′, Rocky mountains, B.C.
After Alfred Waddington, British Columbia pioneer, who, in 1868, advocated a transcontinental railway through Yellowhead pass; died, 1872.

Wah-Tay-Beg lake and river. See Watabeag.

Walsh; mount, 14,498 feet, lat. 61° 00′, long. 140° 00′, St. Elias mountains, Yukon.
After Supt. James Morro Walsh; joined R.N.W. Mounted Police 1873, resigned 1883; Yukon pioneer.

Wapitagun; island, point, harbour and strait, gulf of St. Lawrence, Saguenay county, Que. (Not Ouapitougan, Ouapitagone nor Wapitagon.)

Waputik; peak, 8,977 feet, lat. 51° 30′, long. 116° 19′, Alberta.
Stoney Indian for "white goat."

Warre; mount, 9,000 feet, lat. 50° 47′, long. 115° 27′, White Man pass, Alberta.
See Vavasour.

Warrior; mount, 9,400 feet, lat. 50° 34′, long. 115° 15′, Palliser river, B.C.
After cruiser in Jutland battle, 31st May, 1916.

Watabeag; lake and river, Black river, Abitibi river, Timiskaming district, Ont. (Not Wateibig, Wataybeag, Watahbeag nor Wah-Tay-Beg.)

Watson; mount, 9,500 feet, lat. 50° 53′, long. 115° 43′, Mitchell river, B.C.
After Maj. Gen. Sir D. Watson, K.C.B., C.M.G.

Wasekamio; lake, at headwaters of Churchill river, Sask.
Cree Indian name meaning "clearwater."

Watopeka; lake, Dudswell and St. Camille townships, Wolfe county, and Stoke township, Richmond county; also river flowing from lake into St. Francis river, Richmond county, Que. (Not Wattopeka, Wattopekah, Wattapikaw, nor Wattapicah.)
The above decision confines the name of the river to the north branch; the name of the south branch is Stoke.

Watopeka lake. See Windsor.

Watopeka river. See Stoke.

Weir; river, tributary to Nelson river from northwest, Man. (Not Kesamachiskun nor Airhole.)
Translation of Indian name.

West branch of Harricanaw river. See Turgeon.

West branch of North fork of North Saskatchewan river. See Alexandra.

West branch of Whitemouth river. See St. Labre.

West Hawk; lake, Tp. 9–17–E., Man. (Not Hawk.)

Whitefish lake. See Utikuma.

White Man; mount, 9,768 feet, lat. 50° 45′, long. 115° 29′, south of White Man pass, Alberta and B.C.
After name of the pass, which is translation of Indian name.

Wintering; lake, west of Long lake, Thunder Bay district, Ont.
Wintering place of exploratory parties.

Wilson, mount. See Vimy.

Winds (baie des). See Vin.

Windsor; lake and brook, Watopeka river, Windsor township, Richmond county, Que. (Not Watopeka lake.)

Winikapau river. See Hamilton.

Wolverine; pass, between Vermilion river and Beaverfoot river, Kootenay district, B.C.

Woman river. See Patten.

Wood; mount, 15,885 feet, lat. 61° 13′ 56″, long. 140° 30′ 37″, St. Elias mountains, Yukon.
After Commissioner Zachary Taylor Wood, R.N.W. Mounted Police; joined 1885; died, 1915; Yukon pioneer.

Wulfsohn bay. See Lang.

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To accompany 16th report Geographic Board

GEOGRAPHIC BOARD OF CANADA

MAP
TO ILLUSTRATE THE
NOMENCLATURE
OF THE
MOUNTAINS
OF
WESTERN CANADA

Approved by the Board, on the 2nd April 1918

CLASSIFICATION OF BELTS, SYSTEMS, MOUNTAINS OR PLATEAUS, AND RANGES, GROUPS OR PEAKS, FORMING THE CORDILLERA OF CANADA

WESTERN BELT			INTERIOR BELT			EASTERN BELT		
SYSTEM	MOUNTAINS OR PLATEAUS	RANGES, GROUPS OR PEAKS	SYSTEM	MOUNTAINS OR PLATEAUS	RANGES, GROUPS OR PEAKS	SYSTEM	MOUNTAINS OR PLATEAUS	RANGES, GROUPS OR PEAKS
ARCTIC			YUKON			ARCTIC		
			CENTRAL PLATEAU					
			CASSIAR					
			INTERIOR					
			COLUMBIA					
			EASTERN ROCKIES					
INSULAR								
PACIFIC COASTAL TRANSITION								

APPENDIX A

NOMENCLATURE OF THE MOUNTAINS OF WESTERN CANADA

To secure uniformity in practice the following scheme of nomenclature of the mountain masses of Western Canada has been adopted by the Geographic Board of Canada:—

1—Cordilleras of Canada

The whole vast congeries of mountains, roughly paralleling the Pacific coast of the Dominion, from the United States boundary on the south to the Arctic Ocean on the north, and forming the northern portion of the continental backbone, shall be known as the Cordilleras of Canada.

2—Belts

The Cordilleras are divided into three main broad bands, which shall be known as the Eastern belt, the Central belt, and the Western belt, respectively.

3—Systems

Each belt is divided into systems.

The Eastern belt shall include the Rockies system and, tentatively, the Arctic system of Alaska, a portion of which seems to enter Canada.

The Central belt, which is distinctive, in that it embraces within its limits a series of elevated and deeply trenched plateaus as well as mountainous areas, is divided into four systems, viz., the Columbia system, the Interior system, the Cassiar system and the Yukon system.

The Western belt shall include the Pacific system, lying between the Central belt and the Coastal trench which traverses the depression indicated by the strait of Georgia, Queen Charlotte sound, Hecate strait, Lynn canal, Chilkat river, etc., and the Insular system, lying to the west of the Coastal trench.

4—Mountains or Plateaus

Each system is divided into chains which shall each have a territorial designation followed by the term mountains. The undissected high table lands of the Central belt shall each have a territorial designation followed by the term plateau.

The Rockies system shall include the Rocky mountains, the Mackenzie mountains and the Franklin mountains; the Arctic system shall include the Richardson mountains; the Columbia system shall include the Selkirk mountains, the Monashee mountains and the Cariboo mountains; the Interior system shall include the Fraser and Nechako plateaus and un-named mountains and plateaus; the Cassiar system shall include the Babine mountains, the Stikine mountains, and un-named mountains; the Yukon system shall include the Yukon plateaus and various isolated ranges and mountains, including table lands on the drainage basin of the Liard river; the Pacific system shall include the Cascade mountains, the Coast mountains, the Bulkley mountains and

un-named mountains; the Insular system shall include the Vancouver Island mountains, the Queen Charlotte mountains and the St. Elias mountains (in part).

5—Ranges, Groups or Plateaus

Mountains are divided into ranges or groups, ranges being elevations forming a line of summits, and groups being clusters of elevations not readily classified as ranges. Plateaus are divided into individual units, controlled by general elevation or outlined by other distinctive features.

6—Individual Features

Individual features shall be designated as mount, mountain, peak or ridge.

The above classification follows, as closely as possible, consistently with uniformity, the nomenclature adopted by Dr. G. M. Dawson, the pioneer in British Columbia geology, who, in 1879, announced the possibility of a natural division of the mountains between the 49th and 55th parallels of latitude into three broad belts paralleling the coast. It also covers the work of later geologists who have worked in the Cordilleras.

Further exploration and study of the mountains may necessitate minor changes in the classification, and some of the names may be replaced by better designations, but it is obvious that the scheme is open to modification without loss of general character.

Articles dealing with the nomenclature of the Cordilleras that may be consulted include the following:—

Descriptive Sketch of the Physical Geography and Geology of the Dominion of Canada by A. R. C. Selwyn and G. M. Dawson, 1884. (Geological Survey of Canada.)

The Physical Geography and Geology of Canada by G. M. Dawson, in the Handbook of Canada. Issued by the Publication Committee of the Local Executive of the British Association, Toronto, 1897.

North American Cordillera by R. A. Daly, 1912. (Geological Survey of Canada.)

An Outline of the Physical Geography of Canada by D. B. Dowling. (Appendix to the 13th Annual Report of the Geographic Board of Canada, 1914.)

The scheme of classification adopted is illustrated on the annexed map and amplified in the table appended to the map.

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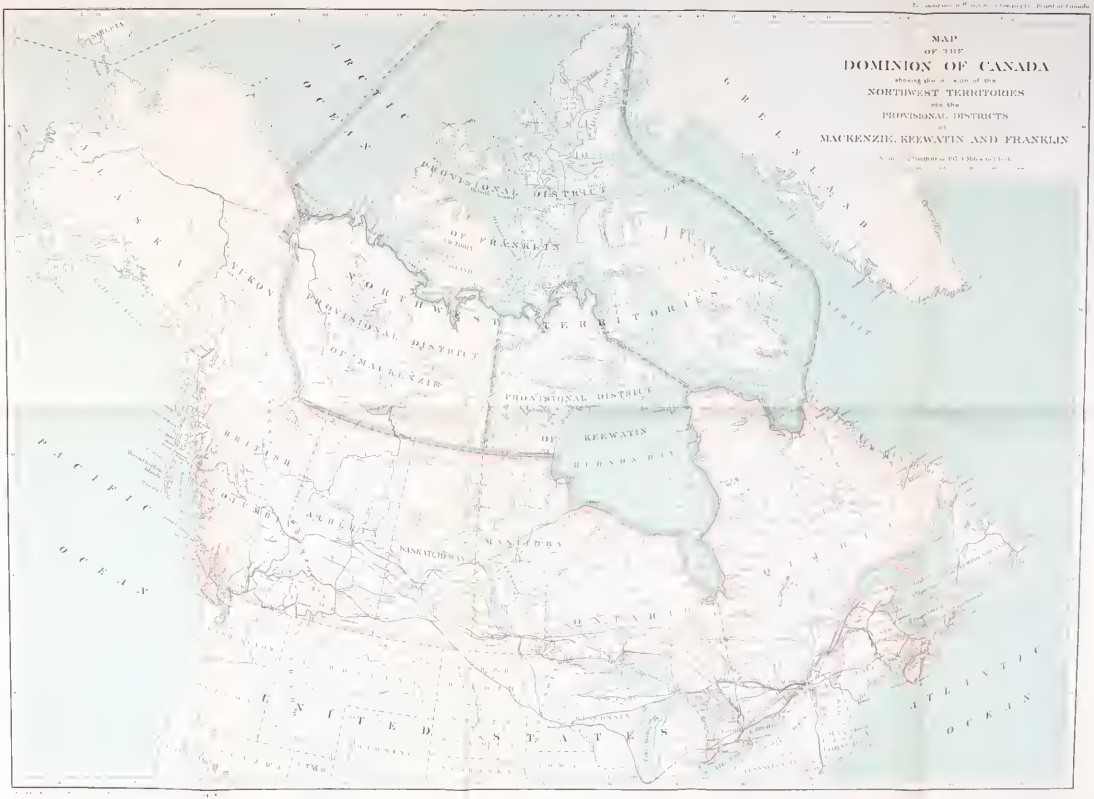
MAP
OF THE
DOMINION OF CANADA
showing the division of the
NORTHWEST TERRITORIES
into the
PROVISIONAL DISTRICTS
OF
MACKENZIE, KEEWATIN AND FRANKLIN
PROVISIONAL DISTRICT
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PROVISIONAL DISTRICT
OF KEEWATIN
HUDSON BAY
YUKON
BRITISH
COLUMBIA
ALBERTA
SASKATCHEWAN
MANITOBA
ONTARIO
QUEBEC
NEW BRUNSWICK
NOVA SCOTIA
PRINCE EDWARD ISLAND
NEWFOUNDLAND
ARCTIC
OCEAN
PACIFIC
OCEAN
ATLANTIC
OCEAN
UNITED STATES

APPENDIX B

DIVISION OF THE NORTHWEST TERRITORIES INTO THE PROVISIONAL DISTRICTS OF MACKENZIE, KEEWATIN AND FRANKLIN

AT THE GOVERNMENT HOUSE AT OTTAWA.

SATURDAY, the 16th day of March, 1918.

PRESENT:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

Whereas the provisional districts of Assiniboia, Saskatchewan, Alberta and Athabaska were created by order in council of 8th May, 1882, for the convenience of settlers and for postal purposes; the provisional districts of Ungava, Franklin, Mackenzie and Yukon were created by order in council of 2nd October, 1895, and the boundaries of the said districts and of the provisional district of Keewatin were further defined by order in council of 18th December, 1897:—

And Whereas by subsequent legislation a portion of the said districts was taken to form the provinces of Alberta and Saskatchewan and the Yukon Territory and another portion was annexed to the provinces of Quebec, Ontario and Manitoba.

And Whereas the Northwest Territories, consisting of the provisional districts of Mackenzie and Franklin, and portions of the provisional districts of Yukon, Keewatin and Ungava, were defined by the Act 4-5 Edward VII, Chapter 27, consolidated as Chapter 62, Revised Statutes of Canada, 1906.

And Whereas it is considered that a revision of the provisional districts is expedient and that their boundaries should be made coterminous with those of the provinces;

Therefore His Excellency the Governor General in Council, on the recommendation of the Minister of the Interior, is pleased to order and it is hereby ordered as follows:—

The above mentioned order in council of 18th December, 1897, is hereby cancelled.

The Northwest Territories are hereby divided into three provisional districts, namely, Mackenzie, Keewatin, and Franklin, according to the description and map annexed hereto.

This order in council shall come not into force until the first day of January, 1920.

RODOLPHE BOUDREAU,
Clerk of the Privy Council.

DESCRIPTION OF THE PROVISIONAL DISTRICTS OF MACKENZIE, KEEWATIN AND FRANKLIN TO ACCOMPANY THE REPORT OF THE MINISTER OF THE INTERIOR TO HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL, DATED MARCH 14, 1918.

The provisional district of Mackenzie bound on the west by the Yukon Territory; on the south by the parallel of the sixtieth degree of north latitude; on the east by the second meridian in the system of Dominion Land surveys as the same may be hereafter defined in accordance with the said system, and on the north by the continental shore of the Arctic ocean.

The provisional district of Keewatin bound as follows:—

Commencing at the point where the second meridian in the system of Dominion Land surveys as the same may be hereafter defined in accordance with the said system intersects the continental shore of the Arctic ocean, thence easterly along the said shore to the most northerly point of Spence bay, between Franklin isthmus and Boothia peninsula; thence northeasterly in a straight line across Boothia isthmus to the most southwesterly point of Lord Mayor bay in the gulf of Boothia; thence southeasterly along the shore of the said gulf to the most southerly point thereof; thence southerly in a straight line across Rae isthmus to the most northwesterly point of Repulse bay; thence southeasterly along the middle of Repulse bay to Frozen straight; thence southerly along the middle line of Frozen straight to Fox channel; thence southeasterly in a straight line to the most northerly point of cape Wolstenholme in the province of Quebec; thence southerly following the eastern shore of Hudson bay to James bay; thence southerly following the eastern shore of James bay to the point where it is intersected by the boundary between the provinces of Quebec and Ontario; thence northerly following the western shore of James bay to Hudson bay; thence westerly following the southern shore of Hudson bay to the point where it is intersected by the boundary between the provinces of Ontario and Manitoba; thence northwesterly following the southern shore of Hudson bay to the point where it is intersected by the parallel of the sixtieth degree of north latitude; thence westerly along the said parallel to the second meridian in the system of Dominion Land surveys as the same may be hereafter defined in accordance with the said system; thence northerly along the said meridian to the point of beginning.

The provisional district of Franklin consisting of that portion of the Northwest Territories not included in the provisional districts of Mackenzie and Keewatin.

SUMMARY REPORT

OF THE

GEOLOGICAL SURVEY

DEPARTMENT OF MINES

FOR THE CALENDAR YEAR

1918

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
J. DE LABROQUERIE TACHÉ
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1919

[No. 26—1919]—1 [No. 1794

To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.B.O., etc., etc., Governor General and Commander in Chief of the Dominion of Canada.

May it Please Your Excellency,—

The undersigned has the honour to lay before Your Excellency, in compliance with 6-7 Edward VII, chapter 29, section 18, the Summary Report of the work of the Geological Survey, Department of Mines, for the calendar year ending December 31, 1918.

MARTIN BURRELL,
Minister of Mines.

To The Hon. Martin Burrell,
Minister of Mines,
Ottawa.

Sir,—I have the honour to submit herewith the Directing Geologists' Summary Report of the work of the Geological Survey, Department of Mines, for the calendar year ending December 31, 1918.

I am, sir, your obedient servant,

R. G. McCONNELL,
Deputy Minister.

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SUMMARY REPORT, 1918, PART A.

REPORT OF THE DIRECTING GEOLOGIST.

By William McInnes.

INTRODUCTION.

During the season of 1918, the work of the Geological Survey was devoted more than ever to the investigation of areas and deposits that promised to be of economic importance. The number of field parties was fewer than in the period before the war, but investigations were carried on in all parts of Canada. In Yukon, particular attention was given to lode deposits upon which the establishment, there, of a permanent mining industry must depend. In British Columbia, the field parties were placed in areas where geological work seemed to be most greatly needed to help in their commercial development; and particular attention was given to the investigation of the platinum situation and to the prospects of securing a greater supply of that mineral which was then so urgently needed for the purposes of the war. Further work was done in the coal areas of western Alberta; and in the Great Plains area and to the north of it further progress was made in working out the structure of the rocks and its bearing upon the occurrence of oil and gas.

The examination of areas in northern Manitoba in which important copper sulphide deposits and gold-bearing veins occur, was continued and the extent of the areas more closely defined.

The geology of several areas in northern Ontario was studied; the pyrite deposits were specially investigated; and further structural work was done on the central Ontario oil fields.

Important mineral areas were mapped geologically in Quebec and in the Maritime Provinces; and at Malagash, in Nova Scotia, a deposit of salt and associated minerals was examined. The deposit is of interest both because it is the first bed of salt to be discovered in eastern Canada and because of its promising nature from an economic standpoint.

The continued use of the Victoria Memorial Museum building by the Parliament of Canada restricted the operations of the divisions that are more closely connected with museum work and their investigations in the field were curtailed or discontinued. A summary of the activities of these divisions during the year and of the Mineralogical, Topographical, Draughting, Photographical, and Publishing and Distribution divisions is given in the following pages.

GEOLOGICAL FIELD WORK.

W. E. Cockfield spent the greater part of the field season of 1918 examining the mineral resources of Mayo area, upper Stewart River district, Yukon Territory. This area is attracting attention since it is the only region in central Yukon in which, as yet, promising lode deposits have been located in considerable numbers. The lodes carry values in silver and lead, gold and silver, or tungsten. Mr. Cockfield also made a preliminary examination of the high grade silver-lead deposits of Spotted Fawn gulch, Twelvemile area, Yukon. Reports by Mr. Cockfield on these two areas have been published in Part B of the Summary Report for 1918.

Charles Camsell, besides undertaking work involved in the establishing and maintaining of a branch office of the Geological Survey, in Vancouver city, British Columbia, also examined during the field season of 1918 a number of mineral-bearing areas in the southern part of the province. He visited the mercury deposits at Copper creek on the north side of Kamloops lake. The information thus gained, together with notes on other occurrences of ores of mercury in the vicinity of Kamloops lake, on Sechart channel on the west coast of Vancouver island, and elsewhere in British Columbia, has been published in Part B of the Summary Report for 1918. Mr. Camsell also investigated the boring operations being conducted in the search for petroleum in the vicinity of Vancouver city and certain platinum-bearing occurrences in the Tulameen district and elsewhere. Reports on these subjects have been published in Part B of the Summary Report for 1918.

Mr. Camsell also examined the copper deposits of Copper mountain on Gun creek, Lillooet mining division. In a report on this locality published in Part B of the Summary Report for 1918, he points out the possibility of the existence of large, low grade copper deposits and of other valuable mineral deposits.

V. Dolmage spent the 1918 field season investigating the mineral resources and geology of Quatsino sound on the west coast of Vancouver island and also visited a number of other mineral occurrences on the west coast of the island. Copper, iron, gold, and coal are found in deposits along the shores of Quatsino sound and producing copper properties are located on Sydney inlet and near the entrance to Alberni canal. A report giving some of the results of the examinations made by Mr. Dolmage, has been published in part B of the Summary Report for 1918.

J. J. O'Neill spent the summer of 1918 in British Columbia, visiting the various smelters and the more important localities from which platinum had been reported. The information thus gained, together with all other available information relating to Canadian platinum possibilities, has been published in Part G of the Summary Report for 1918. In this report, Mr. O'Neill calls attention to the possibility of Canada becoming an important producer of platinum and makes various suggestions regarding the efforts necessary to attain such an end.

L. Reinecke during the summer of 1918, began an investigation of the mineral resources of a belt of country lying along the Pacific Great Eastern railway between Lillooet and 150-Mile House of the Cariboo wagon road.

The mineral products of the region covered have a wide range, and include both metallic and non-metallic deposits, some of them of a promising character. The deposits examined include gold-copper ores, chromite, molybdenite, clay, gypsum, epsomite, hydromagnesite, soda, muscovite, and the ornamental or gem-stone peridot.

The gold-copper ores, molybdenite and peridot, occur on Timothy mountain in the Cariboo district. Chromite is found in serpentines on Scottie creek about 90 miles north of Ashcroft. Muscovite-mica occurs in pegmatite dykes on the Cariboo mountains between Clearwater and Crooked lakes. Hydromagnesites are found as partly consolidated earthy beds, flooring areas of considerable size in the valley bottoms.

The deposits of clay include residual clays which might well be prospected for high grade fireclays and kaolin.

The beds of small, land-locked lakes near Clinton farther north, yield epsomite and sodium carbonate of comparative purity, in fairly large amount, and of these the epsomite deposit is being worked on a small scale.

A description of the various deposits will be given in a report now in preparation, and a preliminary account will be found in a paper contributed to the Canadian Mining Institute and published in the August, 1919, and following bulletins.

B. R. MacKay spent the greater part of the 1918 field season in making a preliminary examination of the Cariboo gold fields, British Columbia. In his report published in Part B of the Summary Report for 1918, Mr. MacKay gives a general account of the present status and future possibilities of this very important placer gold district.

S. J. Schofield during the season of 1918 commenced an examination of the Britannia mining area on Howe sound, British Columbia. A report by Mr. Schofield, published in Part B of the Summary Report for 1918, contains a brief account of the results obtained during the first season's work at this important copper camp. Mr. Schofield also spent part of the field season revising and obtaining additional information regarding the ore deposits and geology of Ainsworth mining district, British Columbia. A short report published in Part B of the Summary Report for 1918 presents some of the additional conclusions regarding the geology of this area.

M. F. Bancroft during the field season of 1918 continued his investigation of the general geology and mineral deposits of the Lardeau district, British Columbia. In a brief report published in Part B of the Summary Report for 1918, Mr. Bancroft indicates the general situation as regards mining and development work in this district which contains so many silver-lead-zinc, gold, and other properties and prospects.

F. H. McLearn during the field season of 1918 made a geological examination of the section exposed along the lower part of Smoky river, a tributary of Peace river, western Alberta. This work was carried out in connexion with the general study of the conditions governing petroleum occurrences in Alberta and in his report published in Part C of the Summary Report for 1918, Mr. McLearn sets forth some of the general facts obtained and conclusions arrived at, that bear on the Peace River oil field and its possible southward extension into the Smoky River area.

J. A. Allan during the field season of 1918 made a geological examination of the Swan Hills district lying south of Lesser Slave lake, Alberta. This work was undertaken for the purpose of aiding in the correlation of the geology of the Peace River area and that of Edmonton district and central Alberta, to elucidate various problems in connexion with the general and economic geology. Some of the results obtained are set forth in a report by Mr. Allan, published in Part C of the Summary Report for 1918.

Bruce Rose during the field season of 1918 continued the general investigation of the coal resources and geology of southern Alberta and British Columbia. The work during 1918 was carried on about the headwaters of Oldman and Livingstone rivers within the Rocky mountains, and of Willow creek and tributaries in the foothills, thus completing the mapping of the Crowsnest coal field in Alberta. As stated in a brief report by Mr. Rose, published in Part C of the Summary Report for 1918, a large area of undeveloped coal lands forms the northward extension of the Crowsnest coal field, and from surface indications, compares favourably with the producing area to the south.

D. B. Dowling during the field season of 1918 carried on experimental work designed to ascertain the calorific value and also the commercial value of the natural gas of the Alberta field for the production of gasoline. A full description of the methods adopted and the results obtained is contained in a report published in Part C of the Summary Report for 1918.

J. Stansfield during the 1918 field season examined the surface deposits of a district in the southeastern part of Saskatchewan adjacent to Manitoba on the east and the United States on the south. In a report published in Part C of the Summary Report for 1918, Mr. Stansfield supplies information regarding the soil, and underground water supplies of this district.

A. MacLean examined during the summer of 1918 an area in southeastern Saskatchewan between the Manitoba-Saskatchewan boundary and the west side of range 21, W. 2nd mer., and from the International Boundary to the north side of township 8.

Mr. McLean reports that as a result of this year's work the section published last year can now be extended to include beds measuring 30 or 40 feet in thickness in the southern part of tp. 1, ranges 5 and 6, W. 2nd mer., and another lignite seam added lying about 50 or 60 feet above the top seam in the section previously given. In Saskatchewan three mines have worked this seam, (Frayne's, Adams', and Anderson's mines) and in north Dakota at least one mine, that of Makee Bros., situated a few yards south of the International Boundary and about 10 miles west of Portal.

Condensed Section, Southeastern Saskatchewan Lignite Field.

No.	Material.	Thickness.	Mines working.
		ft.	
	Light yellow sands overlying sandy clays	70	
1	*Lignite*	5	Frayne, Adams, Anderson.
	Sandy clays	40	
	Buff sandstone	15	
2	*Lignite* with banded clays	2	
	Grey clay	3	
	Lignite	5	Occurs only in Roche-Percee district, eroded at Estevan.
	Sand and silt	20	
3	*Lignite* at Estevan and Bienfait 7 to 10 feet	4	Upper Estevan seam. All mines at Estevan except Wooloomooloo.
	Stiff, blue-grey clay or in some cases incoherent sand 20 to 50 ft	25	
4	*Lignite* Taylorton seam	6	See note below.
	Dark grey clays and sands	130	
	Lignite	2	
	Sands and clays	207	
5	*Lignite*	4	
	Clays and sands with streaks of lignite	209	
6	*Lignite*	4	
	Blue clays and sands	186	
	Shales extending to at least 500 ft		

The areal extent of the various seams in the Estevan, Roche Percee, Bienfait district, was established as closely as the scarcity of exposures and drill records, and the irregularity of the beds allowed.

Seam No. 1. The top seam (Frayne, Adams, Anderson, Makee seam) is found only in the highest land south of Roche Percee and between North Portal and Short Creek. It has not been identified outside of a rectangle extending from Short Creek eastward for 8 miles and from the boundary northward for 4 miles. Southward it probably extends for a considerable distance into North Dakota, but it was not traced beyond the Makee mine. To the north of the Souris valley, near Taylorton and eastward from this, there is an irregular occurrence of a 4-foot seam whose relationships are somewhat similar to this seam. It may be that these two beds of lignite should be correlated with one another, but sufficient evidence is not yet at hand to do so.

Seam No. 2. (The top of first workable seam of the section given in the 1917 summary.) This seam has its maximum development in the district closely adjacent to Roche Percee and to the south of the river where it is worked by the

Saskatchewan Collieries Company, J. A. Auld, Duncan Campbell, and others. It is not well marked to the west of Short creek and to the east it has not been observed in wells drilled in the middle of tp. 1, range 5, W. 2nd mer. Hence its limits as at present known may be taken as practically the same as for the seam above, except that it extends for about a mile farther north than the upper seam, or to its outcrop in the south bank of the Souris valley. To the north of the river it is split up into narrow unworkable seams.

Seam No. 3. The upper Estevan seam (previously called the second workable seam) is now worked only in the Roche Percee and Estevan districts. At the former place it is worked in the Siddall mine in Short creek and the Interprovincial mine just across the river from the village. At Estevan all the mines with the exception of the Wooloomooloo are operating on this seam, and in addition there is one mine on Long creek near Wood End. The Sherman mine near Bienfait was working on this seam but has not been in operation for some time. In general terms it may be said to extend throughout tp. 1, range 6, and tps. 1 and 2, ranges 7 and 8, W. 2nd mer. In the north part of tp. 2, ranges 7 and 8, it is for the most part removed by erosion, as it is also in the neighbourhood of Bienfait. To the southeast of Estevan, near Shand, it becomes so thin as to be unworkable, but beyond Shand in the same direction it thickens again until at Roche Percee it is well represented in the Interprovincial mine. Although at Bienfait this seam has been eroded, the dip of the beds should bring it into the section between this place and Taylorton. No lignite bed of its character occurs there, however, and the probability is that it ends in a sand bed.

Seam No. 4. The lowest lignite bed worked in the district, the Taylorton seam, has the widest extent and is probably the most consistent. It is worked by Niels Anderson in sec. 28, tp. 1, range 8, W. 2nd mer.; by the Wooloomooloo mine at Estevan; by the Saskatchewan Coal, Brick, and Power Company at Shand; and by all the mines at present operating in the Bienfait-Taylorton district. Six miles west of the Anderson mine above mentioned, Mr. Thos. Hite of Estevan, reports 14 feet of coal in a well at 114 feet, which lignite is probably an extension westward of this seam. To the east of Taylorton it occurs for only a short distance and then is lost in an accumulation of sand which marks the encroachment of sand bars and shoals on the vegetation preserved in the lignite beds. The extension northward of the seam is for the most part limited. The beds rise toward the north and this brings the lignite to the surface a short distance north of Estevan in tp. 2, range 8. In general terms it may be said to extend throughout tps. 1 and 2, ranges 6, 7, 8, and 9, W. 2nd meridian.

As the seams below this (represented at depths of 200 feet, 400 feet, and 625 feet at Taylorton) are only encountered in bore-holes which penetrate to these depths, their distribution and extent is even more difficult to determine. It is probable that their eastern extent is to be found near Oxbow where remnants of a seam are encountered at a depth of about 400 feet on the higher elevations of the old eroded glaciated surface. To the east of this the erosion was even greater and but few traces of the lignite beds are left. Westward from Estevan the few records at present available point to the extension of lignite bearing beds as far west as the Big Muddy valley, but it cannot yet be said to what horizon the coal seams in them belong.

E. L. Bruce during the field season of 1918 carried on work in connexion with the general and economic geology of the Athapapuskow Lake district, Manitoba, where new finds prove that the area of copper-bearing formations extends much farther than previously supposed and also show that additional types of deposits are present. Mr. Bruce in a report published in Part D of the Summary Report for 1918 records the new developments and directs attention to general conditions governing mineral production in the district.

Mr. Bruce during 1918 also visited a district in the vicinity of Falcon and Star lakes in southeastern Manitoba in order to examine and sample certain gold quartz veins reported to carry appreciable amounts of platinum, and also to examine certain deposits of scheelite. The results of his investigations are contained in a report published in Part D of the Summary Report for 1918.

Mr. Bruce in 1918 likewise investigated and mapped a large district lying between Reed lake and Elbow lake in northern Manitoba, and situated between the two important mineral-bearing areas of, respectively, the Amisk-Athapapuskow and the Wekusko Lake districts. A general report by Mr. Bruce on this district is contained in Part D of the Summary Report for 1918.

F. J. Alcock spent the greater part of the field season of 1918 in the Reed and File Lakes region of northern Manitoba adjoining on the northeast the area above referred to as having been examined by Mr. Bruce. Mr. Alcock described the geology and economic possibilities in a brief report published in Part D of the Summary Report for 1918.

Mr. Alcock spent a part of the field season in the Wekusko Lake area, Manitoba, completing the work of the previous season. In a report published in Part D of the Summary Report for 1918, Mr. Alcock gives further notes on the geology and some of the more important gold deposits of the district.

W. A. Johnston during the field season of 1918 completed the examination of the soils and superficial deposits of a large district in Manitoba bordering the southern part of lake Winnipegosis and extending westward to the foot of Duck mountain. A large area within the district is available for homestead entry and the work being carried on by Mr. Johnston was performed largely in order to supply prospective settlers with information regarding the general character of the district and to indicate the areas most suitable for settlement.

T. L. Tanton during the field season of 1918 examined an area approximately 35 miles wide and extending for about 125 miles along the Canadian National railways, formerly the Canadian Northern, between Gogama and Nipigon stations, western Ontario. The work was undertaken for the purpose of obtaining information regarding the mineral resources of the district and in a report published in Part E of the Summary Report for 1918, Mr. Tanton gives an account of the results obtained.

W. H. Collins during the field season of 1918 carried on field work in two considerable areas in Michipicoten district, Ontario, one in the vicinity of Goudreau, and the other in the neighbourhood of Magpie and Hawk Junctions on the Algoma Central railway. Extensive pyrite deposits occur in these areas, in some cases affording a large production; important bodies of iron ore are also present as well as gold-bearing deposits. A full description of these two areas has been published in Part E of the Summary Report for 1918.

M. Y. Williams during the field season of 1918 continued his investigation of the oil fields of southwestern Ontario. In a report published in Part E of the Summary Report for 1918, Mr. Williams presents some of the results obtained from his field work.

H. C. Cooke spent the field season of 1918 in completing the geological examination of twelve townships surrounding and including the Matachewan gold discoveries made in 1916. The origin of the gold deposits, their nature and mode of occurrence has been determined. The data so obtained are expected to be useful in other explorations for gold in the general region.

M. E. Wilson spent the early part of the 1918 field season in an examination of an area adjacent to the village of Maniwaki, Quebec, at the termination of the Gatineau Branch of the Canadian Pacific railway, where a number of important molybdenite and other mineral deposits occur. The latter part of the season was spent in continuing the study of the district in the vicinity of Renfrew, Ontario. Mr. Wilson also paid short visits to a number of localities of economic interest outside of the above areas.

R. Harvie during the field season of 1918 was engaged, under the direction of the War Trade Board, in special work connected with the production of chromite ores from the Thetford-Black Lake district, Quebec.

G. A. Young was engaged during the field season in the study and mapping of the geology of a district in the Eastern Townships of Quebec represented by the "Sutton sheet", one of a series of topographic maps on a scale of 1 inch to 1 mile, published by the Department of Militia and Defence. This district has an area of about 460 square miles and extends from the National Boundary northward to Knowlton on the east and almost to Farnham on the west. The Department of Militia and Defence has now published a number of topographical sheets, each representing an area of about 460 square miles and which, combined, represent a large region extending from the International Boundary northeastward to and beyond Richmond. This region is the southwestern portion of that economically important mineral-bearing area of southeastern Quebec which embraces the hilly and mountainous country extending northeastward from the Vermont border towards Gaspe and has long been known because of its important deposits of copper, chromite, asbestos, and other mineral products. A proper understanding of the economic possibilities of the region must be based on a detailed study of the general geology and structure of the region. The general geology of the region is intricate and, although since an early date it has been the subject of much attention by the Geological Survey, yet the lack of adequate topographical maps has greatly retarded progress. Now that such maps are available it is possible to commence a systematic study of the various geological problems and with that end in view, Mr. Young was instructed to commence work in the southwestern end of the mineral-bearing region.

B. R. MacKay in the early part of the field season of 1918 completed the geological mapping of the Beauce gold fields, Quebec.

E. R. Faribault during the 1918 field season continued the topographical and geological work already commenced in Shelbourne county, Nova Scotia. Mr. Faribault also examined deposits of manganese at Black Rock, Colchester county, Nicholsville, Kings county, and Salem Road, Cumberland county. An account of these deposits, together with notes on various occurrences of platinum in Nova Scotia, is contained in a report by Mr. Faribault published in Part F of the Summary Report for 1918.

A. O. Hayes spent a part of the field season of 1918 revising the structural geology of the southeastern part of the Sydney coal field, Nova Scotia, in order to locate more definitely the outcrops of certain workable coal seams. He also made brief examinations of the St. Rose and Chimney Corner coal field, Inverness county, the New Campbellton coal field, Victoria county, and the Kemptown coal field, Colchester county. Mr. Hayes also examined the zinc-lead-copper deposit at Stirling, Richmond county, an occurrence of sericite schist near Louisburg, and a manganese deposit on Gowland mountain near Elgin Corner, New Brunswick.

Mr. Hayes also visited a recently discovered deposit of salt at North Shore, Malagash peninsula, Colchester county, Nova Scotia. This salt deposit is the first to be developed by mining operations in the Maritime Provinces.

The results of the various examinations made by Mr. Hayes, together with an account of the manganese deposits of New Ross, Lunenburg county, Nova Scotia, are contained in a report published in Part F of the Summary Report for 1918.

A. Anrep examined a number of peat bogs in New Brunswick. Details of the character, extent, and value of the bogs visited are given in a report by Mr. Anrep, published in Part F of the Summary Report for 1918.

VERTEBRATE PALÆONTOLOGY.

L. M. Lambe during 1918, was principally engaged in the study of materials from the Edmonton and Belly River Cretaceous included in collections of recent years. A number of collections of fossils made by officers of the department and others have been determined and reported upon. No field work was done. During the course of the year C. M. Sternberg engaged in the preparation and permanent mounting of various specimens, as also did G. F. Sternberg during the first half of the year up to the time of his resignation.

INVERTEBRATE PALÆONTOLOGY.

E. M. Kindle, besides examining several sections in the lower Ottawa valley, visited point Pelee in order to prepare for the Department of Public Works, a report on the cause of the very active erosion in progress there. In this work he was assisted by E. J. Whittaker.

The needs of Parliament for more space in the Victoria Museum necessitated early in the year the removal of the offices of this division to another building. The transfer and rearrangement of the extensive study collections occupied considerable time and materially interfered with office work. E. M. Kindle continued his work on the Mackenzie River Devonian fossils. L. D. Burling continued his work on the Cambrian fauna of British Columbia. A number of special reports on fossils were prepared for officers of the department.

PALÆOBOTANY.

W. J. Wilson continued the study and cataloguing of palæobotanical collections belonging to the Survey.

MINERALOGICAL DIVISION.

R. A. A. Johnston and his staff, consisting of Eugene Poitevin, H. V. Ellsworth, and M. F. Connor, carried on during the year the usual mineralogical work. The number of inquiries received for information regarding Canadian ores and minerals and their commercial application is markedly increasing. During the field season Mr. Poitevin spent several months in British Columbia investigating certain areas of basic eruptives which it was considered might possibly contain platinum in commercial quantities. Mr. Poitevin also spent some time in the Black Lake-Thetford Mines area, Quebec, in a continuation of his study of the mineralogy of this district. Mr. Ellsworth spent some time in the field collecting specimens for museum and laboratory purposes.

A. T. McKinnon was engaged during the year in cataloguing museum specimens and also continued in charge of the distribution of collections for educational purposes and of the collecting of materials for the same.

During the year considerable progress has been made in arranging, on two floors of the building at 227 Sparks street, a display of the economic minerals of Canada. A special collection of Canadian economic minerals together with photographs and necessary display cases, was prepared and despatched for the Faire de Lyon, France.

TOPOGRAPHICAL DIVISION.

The division sustained an irreparable loss in the death of one of the ablest topographers, Major W. E. Lawson, who died, from wounds received in France, on August 29, 1918.

During the year the following topographers were still serving with the Canadian Expeditionary Force: S. C. McLean, A. G. Haultain, J. R. Cox, and E. E. Freeland.

W. H. Boyd, chief topographer, furnishes the following table showing the mapping work carried on during the field season by the division.

Locality.	Field scale.	Contour interval.	Topographer in charge.
Britannia Beach, British Columbia	1/3600	100	K. G. Chipman.
Coquihalla river, British Columbia	1/4800	100	F. S. Falconer.
North Thompson river, British Columbia	1/4800	100	D. A. Nichols.
Townships 47 to 55, ranges 5 to 16, west 4th mer., Alberta	1/12500	100	A. C. T. Sheppard.
Calabogie, Ontario, and Sydney, Nova Scotia	1/3600	.....	C. H. Freeman.

BORINGS DIVISION.

E. D. Ingall, chief of the borings division, reports that during the year the work continued along the lines heretofore followed. The work of collecting records of borings and sets of samples from the strata passed through was greatly facilitated in certain districts by the co-operation of the field geologists of the Geological Survey. Studies were made, microscopically and otherwise, of sets of samples from a number of wells in different parts of Canada. The results obtained and the correlations arrived at were communicated to the drillers for their use in the prosecution of their operations. Similar aid was rendered in a number of cases through a search of the published geological literature for data relating to districts where borings are in contemplation, or in progress, in search for water, natural gas, or petroleum. In various other ways service was rendered to these interests throughout Canada.

	No. of bags sent out.	No. of samples received.	No. of wells from which samples received.	No. of records received.	No. of circulars sent out.
Maritime provinces	2,500	2,606	12	11	
Quebec	100	26	1	31	
Ontario	7,495	3,371	14	51	460
Northwest provinces	1,400	697	6	402	
British Columbia	450	.....	.....	2	
	11,945	6,700	33	469	460

BIOLOGICAL DIVISION.

The work of the division was interrupted in January, 1918, on account of the necessity of moving the offices from the Victoria Memorial Museum building to make room for the needs of Parliament. The staff of the biological division were given new quarters on the fourth floor of the Lowe-Martin building on Nepean street, Ottawa. The herbarium and study collections of mammals, birds, and invertebrates were moved at the same time, so that the scientific work of the division was continued, although public exhibition was suspended.

In March, 1918, the dismantling and tearing down of the old Fisheries Museum on Queen and O'Connor streets, gave opportunity to obtain a large collection of casts of fishes and a quantity of other marine material, as well as some mammal and bird specimens. The Department of Marine and Fisheries is to be thanked for the interesting zoological material obtained on the occasion of the closing of the Fisheries Museum.

Botany.

John Macoun continued during the year his botanical work on Vancouver island. The collections made by Mr. Macoun will be added to the herbarium of the Geological Survey.

James M. Macoun has spent much time in the work of the whole division as well as in the determination of specimens sent in by correspondents and collectors from all parts of Canada. During the summer of 1918 Mr. Macoun made extensive collections in Jasper Park, Alberta, carrying on a general biological investigation of the various life zones of the park, particularly on the upper Athabaska river and Shovel Pass region. Mr. Macoun's work was an attempt to carry on to completeness the results of former years' investigation of this park region from the beginning to the end of the flowering season.

In addition to the collections made by the staff during the year, the Dominion Herbarium has received 315 specimens (donated), as well as the collection of the late W. H. Harrington, of 295 Gilmour street, Ottawa, consisting of 1,619 mounted sheets and 81 small bottles of seeds, presented by Mrs. Harrington, June 4, 1918. The plants mounted during the year number 2,789; plants distributed, 2,063.

Zoology.

R. M. Anderson, zoologist (in charge of mammals), gave attention during the year to the study of the zoological material collected while on the Canadian Arctic Expedition from 1913 to 1916, particularly the mammals and birds. He has also spent considerable time in reading and editing manuscripts and proofs of the technical biological reports, both terrestrial and marine, of the said expedition. The arrangement and classification of the already extensive collections of the Geological Survey have been carried on. In September and October, 1918, at the request of the Department of the Interior, Mr. Anderson spent several weeks inspecting wild life sanctuaries in the provinces of Saskatchewan and Alberta.

P. A. Taverner, zoologist (in charge of birds), has devoted much of his time to the study and classification of the extensive collection of birds already in the possession of the department. One thousand three hundred new specimens of birds were added to the collection during 1918. In the early summer of 1918, Mr. Taverner made a reconnaissance and collecting trip by boat along the Rideau canal, river, and lakes, from Ottawa to Kingston, and later in the summer a similar trip was made from Ottawa to the mouth of the Ottawa river in company with Clyde L. Patch.

C. H. Young spent the season from April 23 to October 2, in the vicinity of Shoal lake, Manitoba, completing the collections made there the previous season by Mr. Taverner and Mr. Young. Mr. Young's collections for the season consisted of 622 birds and 15 mammals.

Clyde L. Patch and the other members of the preparatory staff were engaged in the preparation of small bird and mammal groups for exhibition when space becomes available in the museum. Claude L. Johnson continued his work of preparing accessories for groups and backgrounds for exhibition material, and also made some coloured drawings for illustrating bulletins of the department. D. Blakeley prepared birds and mammals which came to the museum, as well as cleaned, degreased, and remade old skins in the collection. J. Perron continued his work of scraping, tanning, and dressing large mammal skins for storage and mounting. Joseph Rochon continued the work of cleaning and bleaching the accumulated collection of mammal skulls in the museum, putting them in shape for scientific examination, finishing about 1,000 skulls, and beginning the cleaning and mounting of a series of small mammal skeletons for exhibition in the museum.

J. Johansen continued his work on botanical, entomological, and marine specimens collected on the Canadian Arctic Expedition, from 1913 to 1916, for the first three months for the Geological Survey and for the balance of the year for the Department of Naval Service. A considerable number of specimens of invertebrates collected on former northern expeditions were overhauled, catalogued, and sent away for determination, in connexion with the series of Arctic reports now being published.

ANTHROPOLOGICAL DIVISION.

Ethnology and Linguistics.

Owing to the economies enforced by the war, the field work undertaken during 1918 was less than in normal years. The hall of Canadian anthropology in the Victoria Memorial Museum remained closed to the general public. A special exhibit of Indian handicrafts was provided in collaboration with the Department of Indian Affairs, for the Central Canada Exhibition.

E. Sapir was engaged chiefly in research work in connexion with materials previously collected. C. M. Barbeau conducted a folklore and ethnographic survey of certain groups of French peasants in Temiscouta and Gaspe counties, Quebec. E. Z. Massicotte carried on folk-lore research in the Montreal district. F. W. Waugh carried on scientific researches among the Iroquois Indians at Grand River reserve, Ontario. J. A. Teit could devote only part of his time in 1918 to the services of the Survey.

Archæology.

The hall of Canadian archæological exhibits in the Victoria Memorial Museum during 1918 remained closed to the general public. Archæological field work has been practically stopped for two years in order to enforce war economy. In 1918, H. I. Smith accompanied one of the geological field parties working in southern British Columbia and secured much information of archæological interest. W. J. Wintemberg throughout the year engaged in research work in the office.

Physical Anthropology.

F. H. S. Knowles continued various lines of work in connexion with physical anthropology.

PHOTOGRAPHIC DIVISION.

G. G. Clarke and staff, as in former years, performed a large amount of photographic work, much of it of a highly technical character and very essential in connexion with the work of the topographical and draughting divisions. During the year over 17,000 negatives, plates, prints, etc., were developed or otherwise treated.

LIBRARY.

The main library remained in the Victoria Memorial Museum and a small branch library was continued in the temporary offices of the Geological Survey. During the year, 940 volumes, pamphlets, and maps were received as gifts or exchanges, and 245 books were purchased.

DISTRIBUTION OF PUBLICATIONS.

During the year 1918, 43,800 publications of the Geological Survey, exclusive of French editions, were distributed. Of these, 31,072 were distributed in compliance with written and personal requests, and 12,728 were sent to addresses on the mailing lists.

In the case of French translations of Geological Survey publications, the Publishing and Translating Division, Department of Mines, reports that during 1918 they distributed 11,901 copies. Of these, 9,455 were distributed in compliance with written and personal requests, and 2,446 were sent to addresses on the mailing lists.

MUSEUM.

Owing to the continued occupation of the Victoria Memorial Museum by Parliament the greater part of the exhibits of the National Museum during 1918 were in storage or not open to the public. The exhibit of Canadian economic minerals in the premises at 227 Sparks street has continued to be open to the public and has been further enlarged. The work of preparing exhibits for the National Museum was continued by the various divisions.

The practice of providing illustrated lectures to the public on topics of general interest was continued throughout the year, though such lectures had to be given elsewhere than in the Victoria Museum. Altogether twenty-eight lectures were given, on twenty-one subjects, by fourteen lecturers.

GEOGRAPHICAL AND DRAUGHTING DIVISION.

C.-Omer Senécal reports that during 1918, twenty-three new maps were published, and at the close of the year, seven other maps were in the hands of the King's Printer for engraving or printing. At the same date, sixty-two other maps in various stages of compilation or preparation for publication remained with the division. As usual, a large number of skeetch maps, diagrams, text figures, and other drawings were also executed. Mr. Senécal also attended to the duties required of him as a member of the Geographic Board.

Maps in Hands of the King's Printer, December 31, 1918.

Publication number.	Title.	Date of requisition.
1584	Blairmore, Alberta. Geology; scale, $\frac{1}{63,360}$	Sept. 6, 1918.
1585	Mackenzie River basin; scale, 50 miles to 1 inch	Aug. 28, 1918.
1691	Buckingham, Ottawa and Labelle counties, Quebec; scale, 1 mile to 1 inch	Oct. 2, 1917.
1705	Thetford, Quebec. Topography; scale, 4,000 feet to 1 inch	Feb. 8, 1918.
1706	Anyox, Observatory inlet, Cassiar district, British Columbia. Topography; scale, $\frac{1}{2,500}$	March 23, 1918.
1707	New Glasgow, Pictou county, Nova Scotia. Topography; scale, $\frac{1}{24,000}$	May 3, 1918.
1708	Bridge river, between Rexmount and Gun lake, Lillooet district, British Columbia. Topography; scale, $\frac{1}{125,000}$	Jan. 23, 1918.

SESSIONAL PAPER No. 26

Geological Survey Maps Published During the Year 1918.

Series A.	Publication number.	Title.	Remarks.
		Yukon Territory.	
	1702	Klotassin; scale, 2 miles to 1 inch	Geology.
		British Columbia.	
42	1192	Duncan sheet, Vancouver island; scale, $\frac{1}{125000}$	Geology.
44	1194	Sooke sheet, Vancouver island; scale, $\frac{1}{125000}$	Geology.
165	1582	Windermere, Kootenay district; scale, $\frac{1}{125000}$	Topography.
	1704	Ainsworth, Kootenay district; scale, $\frac{1}{24000}$	Topography.
	1711	Route traversed by the Great Pacific Eastern railway, between Squamish and Lillooet; scale, 4 miles to 1 inch	Geology.
		Alberta.	
	1593	Blairmore; scale, $\frac{1}{62500}$	Topography.
	1712	The foothills of southern Alberta; scale, 4 miles to 1 inch	Geology.
	1725	Well sections in the geological formations of southern Alberta	Geology.
115	1336	Sheep river, Alberta; scale, 4 miles to 1 inch	Topography.
		Structure sections, central Alberta; scale, 10 miles to 1 inch.	Geology.
		Structure section, North Saskatchewan river; scale, 10 miles to 1 inch	Geology.
		Saskatchewan.	
	1720	Deposits of gravel in the vicinity of Regina; scale 4 miles to 1 inch	Economic geology.
		Manitoba.	
135	1391	Lower Churchill river; scale, 16 miles to 1 inch	Geology.
		Ontario.	
132	1379	Southwest portion of Rainy River district; scale, 2 miles to 1 inch	Soils.
	1710	Bothwell-Thamesville oil region, Kent county; scale about 1·12 miles to 1 inch	Economic geology.
	1714	The Niagara peninsula; scale, 4 miles to 1 inch	Geology.
	1715	The Ontario peninsula; scale, 12 miles to 1 inch	Geology.
		Quebec.	
145	1495	Timiskaming county; scale, 12 miles to1 inch	Geology.
183	1630	Harricanaw-Turgeon basin; scale, 4 miles to 1 inch	Geology.
	1681	Portion of Amherst township, Labelle county; scale about 1,750 feet to 1 inch	Geology
		New Brunswick.	
164	1581	St. John, St. John and Kings counties; scale, $\frac{1}{62500}$	Topography.
	1709	Burnthill Brook tungsten area, York county; scale, 4 miles to 1 inch	Geology.

PUBLICATION DIVISION.

Marc Sauvalle, chief of publishing and translating division, reports that the following memoirs, museum bulletins, and summary reports were published during the calendar year 1918:

English Reports.

1686. Memoir 99, Geological Series 82. *Road material surveys in* 1915—by L. Reinecke; pp. i-v, 1-190; plates, 10; figures, 10; maps, 2; edition, 2,500 copies; published January 8, 1918.

1694. Memoir 102, Geological Series 85. *Espanola district, Ontario*—by Terence T. Quirke; pp. i-iii, 1-92; plates, 6; figures, 8; map, 1; edition, 3,000 copies; published January 8, 1918.

1695. Memoir 103, Geological Series 86. *Timiskaming county, Quebec*—by M. E. Wilson; pp. i-vi, 1-197; plates, 16; figures, 6; map, 1; edition, 3,500 copies; published May 25, 1918.

1696. Museum Bulletin 27, Geological Series 35. *Contributions to the mineralogy of Black Lake area, Quebec* —by Eugene Poitevin and R. P. D. Graham; pp. i-ii, 1-103; plates, 12; figures, 22; edition, 2,500 copies; published March 29, 1918.

1716. Memoir 105, Geological Series 87. *Amisk-Athapapuskow Lake district*—by E. L. Bruce; pp. i–iii, 1–91; plates, 7; figures, 4; map, 1; edition, 3,000 copies; published October 10, 1918.
1717. Museum Bulletin 28, Biological Series 7. *The hawks of the Canadian prairie provinces in their relation to agriculture*—by P. A. Taverner; pp. i, 1–18; plates, 4; figures, 7; edition, 4,000 copies; published November 16, 1918.
1718. *Summary Report of the Geological Survey, Department of Mines, for the calendar year 1917, Part D*; pp. 1D—46D; edition, 3,000 copies; published September 4, 1918.
1719. *Summary Report of the Geological Survey, Department of Mines, for the calendar year 1917, Part B;* pp. 1B—48B; figure, 1; edition, 3,000 copies; published November 7, 1918.
1721. *Summary Report of the Geological Survey, Department of Mines, for the calendar year 1917, Part C;* pp. 1C—59C; figures, 3; edition, 3,000 copies; published November 7, 1918.
1727. *Summary Report of the Geological Survey, Department of Mines, for the calendar year 1917, Part E;* pp. 1E—48E; figures, 13; maps, 1; edition, 3,000 copies; published December 10, 1918.
1728. Memoir 106, Geological Series 88. *Road materials in a portion of Vaudreuil county, Quebec, and along the St. Lawrence river from the Quebec boundary to Cardinal, Ontario*—by R. H. Picher; pp. i, 1–12; edition, 1,000 copies; published November 21, 1918.

French Translations.

1643. Memoire 92, Série géologique 74. *Etude d'une partie de la région du lac Saint-Jean, Québec*—by John A. Dresser; pp. i–iii, 1–95; plates, 5; figures, 2; map, 1; edition, 1,000 copies; published December 13, 1918.
1688. *Rapport sommaire de la Commission géologique du Ministère des Mines pour l'année civile 1916*; pp. i–xiv, 1–450; figures, 12; maps, 13; edition, 1,500 copies; published March 22, 1918.
1729. Memoire 98, Série géologique 81. *Gisements de magnésite du district de Grenville, comté d'Argenteuil, Québec*—by M. E. Wilson; pp. i–ii, 1–84; plates, 11; figures, 2; maps, 3; edition, 1,000; published December 18, 1918.
1737. *Minéraux industriels du Canada*—by Wyatt Malcolm; pp. 1–16; published December 28, 1918.

ACCOUNTANT'S STATEMENT.

By John Marshall.

The funds available for the work and the expenditure of the Geological Survey for the fiscal year ending March 31, 1918, were:

	Grant.	Expenditure.
Amounts voted by Parliament	$ 518,522 50	
Civil list salaries		$ 196,043 30
Explorations in British Columbia and Yukon		21,148 45
Topographical surveys in British Columbia		4,142 30
Explorations in Northwest Territories		32,557 88
Topographical surveys in Northwest Territories		4,397 26
Explorations in Ontario		10,957 39
Topographical surveys in Ontario		5,284 00
Explorations in Quebec		1,631 66
Topographical surveys in Quebec		2,648 84
Explorations in New Brunswick		1,699 97
Explorations in Nova Scotia		4,870 86
Topographical surveys in Nova Scotia		4,138 55
Explorations in general		2,615 28
Investigations of road materials		8,530 78
Palæontological investigations		7,558 68
Ethnological investigations		968 80
Boring operations		4,567 00
Publication of reports		38,145 35
Translation of reports		3,142 77
Publication of maps		23,128 68
Wages, outside service		17,156 72
Stationery, mapping material, sundry printing		7,548 99
Miscellaneous		7,253 32
Library		1,533 05
Photographic supplies		1,368 07
Postages and telegrams		1,278 02
Civil Government contingencies		1,253 02
Specimens for Museum		1,015 81
Instruments and repairs		795 90
Cataloguing publications		685 60
Legal fees		582 20
Advertising		469 61
Compensation to J. F. Lyons in lieu of quarters, fuel, and light		400 00
Balance unexpended and lapsed		99,004 39
	$ 518,522 50	$ 518,522 50

Summary.

	Grant.	Expenditure.	Grant not used.
Civil government appropriation	$ 246,122 50	$ 196,043 30	$ 50,079 20
Explorations and surveys in Canada	150,000 00	122,120 02	27,879 98
Publication of reports and maps; translating	65,000 00	65,000 00	.....
Purchase of books, instruments, miscellaneous	50,000 00	33,685 96	16,314 04
Purchase of specimens for Victoria Memorial Museum	5,000 00	1,015 81	3,984 19
Compensation to J. F. Lyons for quarters, fuel, and light	400 00	400 00	.....
Civil government contingencies	2,000 00	1,253 02	746 98
	$ 518,522 50	$ 419,518 11	$ 99,004 39

Casual Revenue.

Sales of equipment	$ 439 00	
Sales of publications	65 48	$ 504 48

SUMMARY REPORT

OF THE

MINES BRANCH

OF THE

DEPARTMENT OF MINES

FOR THE CALENDAR YEAR ENDING DECEMBER 31

1918

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
J. DE LABROQUERIE TACHÉ
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1920

[No. 26a—1919] [No. 509]

To His Excellency The Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc., etc., Governor General and Commander in Chief of the Dominion of Canada.

MAY IT PLEASE YOUR EXCELLENCY,—

The undersigned has the honour to lay before Your Excellency, in compliance with 6-7 Edward VII, chapter 29, section 18, Summary Report of the work of the Mines Branch of the Department of Mines during the calendar year ending December 31, 1918.

MARTIN BURRELL,
Minister of Mines.

Hon. Martin Burrell,
Minister of Mines,
Ottawa.

Sir,—I have the honour to submit, herewith, the Director's Summary Report of the work of the Mines Branch of the Department of Mines during the calendar year ending December 31, 1918.

I am, Sir, your obedient servant,

R. G. McCONNELL,
Deputy Minister.

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SUMMARY REPORT

OF THE

MINES BRANCH OF THE DEPARTMENT OF MINES, FOR THE CALENDAR YEAR ENDING DECEMBER 31, 1918.

INTRODUCTORY.

The marked advance made in the mining industry of the Dominion during the season of 1917, was continued in 1918, resulting in a 10 per cent increase in mineral production. The urgency of the demand for metallic and non-metallic war materials stimulated this increased production; in the attainment of which the technical facilities offered by the Mines Branch were utilized to the fullest extent, thus materially assisting in the supply of minerals, etc., required for munitions, as well as aiding in the general development of the mining industry.

The work accomplished by the Mines Branch in connexion with the above-mentioned industrial operations covered a wide scope, necessitating not only extensive field and laboratory investigations by technical officers of the Branch, but entailing a very considerable increase in office duties as well.

Compliance with the extraordinary demands due to war-time conditions, and the urgent needs of the rising industries of the country, involved the examination of certain metallic and non-metallic mineral occurrences, including deposits of pyrites and limestones, and certain sand and clay areas; also practical work in the various physical, chemical, and testing laboratories, on samples of ores, fuels, oil, gases, etc. Moreover, many specimens were submitted for identification, accompanied by requests for a statement as to their economic importance; while applications were received for technical advice with regard to the intrinsic value and commercial prospects of certain mineral deposits; or with reference to problems and difficulties encountered in the manipulation and manufacture of certain metals and their associated products. And this technical work was supplemented by the collection of statistics relating to the mineral production of Canada, these data being compiled, and issued for public distribution, as indicated in another section of this report.

In the subsequent pages, particulars will be found of the specific work done in connexion with the various Divisions of the Branch, by the different officers of the staff.

In addition to the statistical reports referred to, the following reports were published: Summary Report of the Mines Branch for the calendar year ending December 31, 1917; Building and Ornamental Stones of Canada: Vol. V.; Clay Resources of Southern Saskatchewan; Mineral Springs of Canada: Part II; also Analyses of Canadian Fuels: Parts I, II, III, IV, and V.

ORE DRESSING AND METALLURGICAL DIVISION.

As indicated in the previous summary report, the work of this Division was, first of all, confined during this year to the investigation of minerals much in demand on account of the war. The commercial milling of molybdenite ores, which constituted one of the principal activities of the division during the past season, was discontinued in July, as the demand for this product from the Imperial authorities had ceased, the remainder of the year being devoted to investigational and routine work on samples of several classes of ores submitted for concentration and milling tests.

In a subsequent section of this report is found a complete record of the several tests carried out.

FUELS AND FUEL TESTING.

The work during the season of 1918 by the Division of Fuels and Fuel Testing consisted in part in the preparation of a report setting forth the results of trials conducted at the Fuel Testing Station on the large number of commercial samples of coal obtained from Alberta. These tests were carried out to determine the value of these fuels for utilization in the gas producer and for steam-raising.

The chemical laboratories were fully occupied with the analyses of oils, gases, coals, peat and mine air, and in addition a large amount of research work was conducted concerning the treatment to which the lignites of Saskatchewan must be submitted in order to prepare them for briquetting.

An oil laboratory has been fitted up in which it will be possible to determine the value of fuels high in volatile matter, peat, and oil shales for the production of oils. In this laboratory two large gasometers and a semi-Deisel oil engine are installed and specially designed retorts will be erected in the immediate vicinity of the building for treating the various coals and oil shales. Preparations are now being made to undertake research work on the samples of oil shale which will be sent to our laboratories during this and other seasons from New Brunswick, Nova Scotia, and elsewhere. This research work will be of the same character as that which is now being conducted with the lignites. The investigation begun two years previously relative to the carbonization and briquetting of our western lignites is being continued.

The Chief of the Division of Fuels and Fuel Testing in addition to his regular duties as Chief of that Division has been appointed a member of the Dominion Power Board, and member and secretary of the Peat Committee. This latter committee is composed of two Federal members, and two members appointed by the province of Ontario.

Considerable work was also carried out by officers of this division in connexion with the determinations of the tensile and compressive strength and hardness of various steels for the Imperial Ministry of Munitions, Department of Militia and Defence, and other departments of the Government.

A special investigation concerning the properties of "Nicu" steel was also carried out by Messrs. Blizard and Hardy.

The laboratory for the calibration of pyrometers, which was installed a short time ago, has been placed in charge of Mr. E. S. Malloch, who already has made some twenty calibrations for this and other departments.

The demand for construction of apparatus and repairs to existing machinery and apparatus, and the erection of new machinery, etc., has been so great that a part of the shed which was formerly used for storing coal samples has been converted into a temporary annex to the machine shop. All machine work for the Mines Branch is performed in these shops.

METALLIFEROUS MINES DIVISION.

On account of the great demand for pyrites ore for use in making sulphuric acid for munition purposes, Dr. A. W. G. Wilson, Chief of the Division, spent several weeks investigating deposits in central Ontario. To his assistant engineer, Mr. A. H. A. Robinson, was assigned similar work, his whole field season being devoted to investigating the undeveloped pyrites resources of Eastern Canada, the scope of investigations including deposits in western Ontario, Quebec, and the Maritime Provinces. A report of the work done in this connexion will be found in another section of this summary.

Dr. Wilson also spent about seven weeks in the investigation of the processes in use in the United States for the recovery of potash from the waste gases of cement

plants. In addition, considerable of his time was taken up with War Trade Board activities, he having been appointed engineer in charge of pyrites and sulphur, and he also acted from time to time, as his services were required, as technical adviser to the Board.

INVESTIGATION OF LIMESTONE.

The investigation of limestone deposits, undertaken in the years 1916 and 1917, was continued by Mr. Howells Fréchette. The field work was confined principally to the province of Ontario, where localities not covered in the previous year's work were visited.

On account of the demand for dolomite, both for the production of lime and for its use in the wood pulp industry, a short time was spent by Mr. Fréchette examining certain areas favourably situated to centres of consumption.

INVESTIGATION OF GRAPHITE AND THE GRAPHITE INDUSTRY.

As intimated in the summary report of the previous year, there was undertaken an investigation of the graphite industry to stimulate the amount of the Canadian production. The work, which was commissioned to Mr. H. S. Spence, was proceeded with during the year 1918. The investigation embraced the revisiting of many mines and mills, and the exploration of several new properties, with a view to obtaining additional data needed to complete the report. In addition, it was necessary to visit a number of manufacturers of graphite products both in Canada and the United States. The data collected as a result of the above activities have been embodied in a report which is now being prepared for the press, and will, it is expected, be ready for distribution, early in 1919.

MICA.

During 1918, the Imperial Ministry of Munitions, being faced with a shortage of high grade mica suitable for magneto condenser plates, approached the Canadian Government with a view to ascertaining whether supplies of such mica were obtainable from Canada. In response to this inquiry, the Mines Branch transmitted, through the Imperial Munitions Board, samples of mica representative of the grades procurable from Canadian deposits. The sheets were tested for their di-electric strength by the Imperial authorities, and a report on the results obtained was sent to the Branch. The report submitted showed that certain of the samples—notably those from British Columbia—were eminently suited to the purpose indicated. An endeavour was made to interest owners of mica mines and claims with a view to obtaining supplies, but before any further action could be taken, a notification was received from the British Government that, owing to lack of tonnage, the project of securing mica supplies from Canada had been abandoned.

INVESTIGATIONS OF THE SANDS AND SANDSTONES OF CANADA.

Mr. L. H. Cole, the officer in charge of this investigation, which has been continued from the previous year, confined his activities to Eastern Canada, field work being carried on in the Ottawa valley, supplemented by special trips to visit occurrences in the vicinity of Fort William, the Kamouraska district northeast of Quebec city, and certain deposits in New Brunswick and Nova Scotia. The work so far done in connexion with this investigation is referred to in succeeding pages, under the caption "Preliminary Report on the Silica Deposits of Eastern Canada."

DISCOVERY OF ROCK SALT AT MALAGASH, NOVA SCOTIA.

In Cumberland county, N.S., there is being opened up a deposit of rock salt. The attention of the Department was first called to this deposit through results of analysis of a strongly saline water, obtained from a well being drilled in the vicinity. Parties interested were advised to proceed with the exploration, while Mr. L. H. Cole was commissioned to visit and examine the locality, with a view to furnishing an opinion as to the nature and extent of the deposit and as to its possible commercial value.

A short report on this subject, by Mr. Cole, is to be found in another section of this summary.

CHEMICAL LABORATORIES.

During the year a great variety of work has been assigned to the Chemical Laboratories, due to the activities of the several Divisions of the Mines Branch together with the work done for other departments of the Government service, such as the Department of Public Works, Fuel Controller's Office, Imperial Munitions Board, etc., and also requests for determinations of various natures from mining companies, prospectors, and others interested in the mining industry. The pressing and increasing demands for certain war minerals and their allied products have led to a special programme of investigation to stimulate such production, and in the course of the successful carrying out of this work the facilities offered by the laboratories, and the services of the limited staff of chemists have been fully utilized.

Reference to the specific work accomplished in the several laboratories of the Mines Branch is to be found in succeeding parts of this report.

DIVISION OF MINERAL RESOURCES AND STATISTICS.

The work of this Division has been directed to the collecting of that statistical data which forms the basis for the report on the annual mineral production of Canada. There is prepared early in the year by this Division from the information available at the time a preliminary report, which forecasts the probable mineral production for the season, which figures are revised in the annual report, when more complete returns are available.

The arrangement entered into in 1917 with the Census Office of the Department of Trade and Commerce, whereby that office shall accept as census records the statistics of mineral production collected by the Department of Mines has been continued during the year. In addition, special monthly or quarterly returns of the production of certain minerals and mineral products required for the successful prosecution of the war, were obtained, the data completed, and the information furnished to such offices as the Fuel Control, Canadian Munition Resources Commission, and the War Trade Board. In another part of the summary is to be found a complete report of the activities of the Division, for the year, submitted by the officer in charge.

CERAMIC DIVISION.

The functions of the Ceramic Division consist in the investigation, both in the field and the laboratory, of the clay and shale resources of the Dominion. During the year, examinations were made of certain clay areas in the Ottawa valley, and in eastern Ontario, and, in addition, a trip was made to Prince Edward Island to prospect deposits of tile clay. The laboratory work included the testing and reporting upon the numerous samples of clays and shales submitted for examination, and also special investigations have been conducted in connexion with certain refractories, while a great deal of assistance has been given the clay-products manufacturers, to enable them to solve the difficulties arising in the course of production.

ROAD MATERIALS DIVISION.

The scope of work undertaken by the Road Materials Division includes the locating, examining, mapping, and sampling of all deposits of available road materials occurring along proposed routes of main or other important highways throughout the Dominion. During the year, the Division's field work was conducted in Manitoba, Rocky Mountains Park, Alberta, and in British Columbia. These investigations were supplemented by extensive laboratory work, covering testing of samples obtained in the field, and experiments of an investigational nature, with a view to advancing the science of road building.

In the detailed account of the work of the Division appearing in another section there has been included the report by Mr. G. C. Parker of the Provincial Department of Public Highways, Toronto, with respect to the possibilities of using the bituminous sands of northern Alberta to surface rural roads.

TECHNICAL LIBRARY.

The library has grown to such an extent, during the year, that the additional shelving capacity, which was provided during 1917, has proved quite inadequate to meet the increased demands of 1918; in consequence frequent rearrangement of the volumes has been necessary to provide for this constant expansion.

A number of valuable new exchanges have been secured, and our efforts to re-establish exchanges and to secure publications which were discontinued through the period of the war, have met with encouraging results.

Additions to the library for the year: Total exchanges secured 1,837, which includes 483 bulletins, proceedings, transactions of scientific and technical societies—and 1,354 Government publications of scientific and technical value, comprising reports, memoirs, bulletins, maps, etc., 28 volumes have been added by direct gift, 157 by purchase, and 91 volumes bound, bringing the total number of volumes accessioned during the year, to 2,113.

EUGENE HAANEL,
Director.

INDIVIDUAL SUMMARY REPORTS.

METALLIFEROUS MINES DIVISION.

I.

ALFRED W. G. WILSON, Ph.D., *Chief of the Division.*

During the year 1918 this Division employed only two field officers. The Chief of the Division, Dr. A. W. G. Wilson, spent part of the field season investigating pyrites mines and prospects in central Ontario, while Mr. A. H. A. Robinson devoted the entire field season to the investigation of pyrites mines and prospects in other parts of eastern Canada. The areas covered include all known prospects in northern and western Ontario, as well as localities in Quebec and the Maritime Provinces.

The field work on pyrites was undertaken primarily because the demand for pyrites ores for use in making sulphuric acid for munition purposes was large, and at one time it was feared that there would be an acute shortage of sulphur, a most essential material. It is also proposed to prepare a second edition of the report on pyrites including the latest information obtainable, the first edition being now out of print.

Mention was made in the Summary Report of 1916[1] that Dr. Wilson had been appointed a special investigator to inquire into the position of the chemical industries in Canada, more especially with regard to works established, products made, and raw materials required. Information on most phases of this inquiry has been available to those entitled to it since early in 1916. It has not been possible to prepare a final report on this investigation for publication, owing to pressure of other duties, nor was it considered expedient to publish a final report until the end of the war. As a direct result of the information secured for the preparation of this report this office was in a position to furnish important information to the War Trade Board and to other Government organizations.

Soon after the organization of this Board Dr. Wilson was appointed engineer in charge of pyrites and sulphur, and during the greater part of the year he acted as technical adviser to the board on various matters which arose from time to time, In this connexion it is to be noted that the services of the staffs of the Division of Mineral Resources and Statistics, the Non-Metalliferous Division, and the Chemical Division were also available to the board, and were utilized by Dr. Wilson as required.

On the initiative of the War Trade Board Dr. Wilson, in company with Mr. S. Barr, an engineer in the employ of the Canada Cement Company, made an investigation of the processes in use in the United States in cement plants for recovering potash from the waste flue gases. Part of the month of August, November, and part of December were required for this investigation. It is desired to express appreciation for the courtesy accorded by certain cement manufacturers in the United States, which made it possible for these two gentlemen to inspect eleven out of the fourteen installations now in operation, or in course of erection. It was not considered necessary to visit the three remaining plants because the installations are largely duplicates of those already inspected.

The potash recovery investigation is being extended to include conditions in Canadian operating plants. The confidential information required by the Board is already available. Eventually a short report will be issued on the subject in bulletin form.

[1] Page 8.

During the year the regular office work of the Division was carried on as expeditiously as possible. The library research work has greatly extended the card catalogue of references to the metal mining industries of Canada. It is believed that every important known occurrence of the metals iron, copper, zinc, lead, silver, molybdenum, tungsten, titanium, and several minor metals, including the majority of literature references to the same, has been indexed, chiefly by Miss D. M. Stewart. The library research work carried on in this Division also includes the indexing of all available references to electro-metallurgical processes, air nitrates, potash recovery and production, and several other lines of chemical technology. It is to be noted that this index was started prior to 1914. As a result this office was supplied with the most complete information available on the subjects of electro-metallurgy, air nitrates, and potash recovery, prior to the commencement of the war.

In continuation of the work on iron ore resources of Canada, Mr. Robinson prepared a bibliography and abstracts with respect to occurrences and commercial utilization of titanium. Additional abstracts on Canadian iron ore deposits, supplementary to the information contained in the Report on the Iron Ore Occurrences in Canada, were also prepared. A large scale reference map for office use, showing the location of all the occurrences of iron ores in Canada and their relation to lines of transportation, is also in course of preparation.

II.

INVESTIGATION OF PYRITES RESOURCES.

A. H. A. Robinson.

The field season of 1918 was spent in an investigation of the undeveloped pyrites resources of eastern Canada, viz., Ontario, Quebec, New Brunswick, and Nova Scotia. The greater part of the season was spent in Ontario; the ground covered in that Province embracing all the northern and northwestern portions, except the district along the Algoma Central Railway, north of Sault Ste. Marie. The deposits along the Algoma Central, and those in southeastern Ontario, were to be examined by other investigators. In the main, attention was confined to prospects that are within a reasonable distance of existing lines of transportation, either rail or water.

Instructions were to obtain as detailed information as possible regarding each prospect visited, paying particular attention to its physical condition, its location with respect to transportation facilities, and its present ownership; this information being required, primarily, for the use of the War Trade Board, and, secondarily, for the preparation of a second edition of the Mines Branch report on Pyrites in Canada. Occurrences of pyrrhotite were also to be noted.

Very little prospecting or development work was going on in any of the localities visited. On most of the properties no work had been done for some time—often years, and such openings as still exist were in anything but good condition for satisfactory examination. Many of the openings, also, had been made to explore, not for pyrites, but for deposits of other minerals with which the pyrites happened to be associated. The only information that could be gathered concerning some of the deposits was that afforded by an examination of old rock dumps or natural outcrops. When the latter, as is usually the case with pyrite and pyrrhotite, are more or less deeply weathered nothing very definite can be learned as to the probable quality of the unaltered mineral beneath.

Samples, for analysis, were taken from most of the deposits examined. In taking them, an effort was made to choose only such material as could be regarded as being probably fairly representative of a considerable portion of the deposit; but this was seldom possible, not only on account of the smallness of many of the exposures accessible for sampling, but also because the only available source was usually shallow pits or old dumps, in both of which the pyrites had been subjected to more or less weathering. Samples taken under these conditions can, therefore, only be regarded as indicating in a very general way the probable composition of the main body of the deposit.

Many of the prospects visited have already been examined and reported on by competent and reliable observers. As these previous examinations were, in many instances, evidently made at a time when the showings were in much better condition for examination than they are now, earlier reports have been freely drawn upon and frequently quoted verbatim—with due acknowledgment to the authors—in writing the descriptions of the individual deposits.

The only prospect visited in Ontario where development work was actually being carried on was at Nickel lake; where a shaft had just been started on an outcrop of pyrites of excellent grade, for the purpose of determining its extent underground.

At the Whelan and Cross property, on Minnitaki lake, where high grade pyrites has also been found, a shaft was sunk, and the deposit cross-cut at a depth of 75 feet, in 1916-17. At this stage development was stopped; the somewhat unfavourable situation of the deposit with reference to transportation facilities having, apparently, discouraged, for the time being, any further expenditure in opening it up.

In 1917 the General Chemical Company, of New York, did considerable drilling to explore pyrites deposits south of Mokomon, in Conmee township, apparently with results satisfactory to themselves, for they subsequently took over the property under long term lease. No start has yet been made to develop the property, however.

Extensive deposits north of Rush lake, though at present somewhat inaccessible and perhaps of interest for their iron content rather than for sulphur, are nevertheless worthy of note. The expulsion of the sulphur would render much of the material in these deposits suitable for the production of iron in the blast furnace; an end that might possibly be economically attainable by saving the sulphur as a by-product. Extensive deposits at Atikokan also may ultimately be made available by some such method of treatment.

In Quebec, up to the present, all the producing pyrites mines and practically all the known prospects that show any promise of becoming of economic value are found in the Eastern Townships, and have been described in detail by J. A. Bancroft in a "Report on the Copper Deposits of the Eastern Townships in the Province of Quebec," issued by the Quebec Bureau of Mines, in 1915. Since Bancroft's report was written some further exploration by diamond drilling and surface prospecting has been done on a number of the old properties, but, so far as could be learned by inquiry at the Provincial Bureau of Mines in Quebec and by a visit to the mining districts of the Eastern Townships, this has not resulted in any new discoveries or developments of especial interest.

In the Maritime Provinces—New Brunswick, and Nova Scotia—there is no record of pyrites ever having been mined in commercial quantities for its sulphur content. There is, however, no geological reason why deposits of commercial value should not be found there; occurrences of pyrites, often associated with copper and gold, are reported at a number of places in both provinces. After interviewing individuals familiar with the known mineral occurrences in the Maritime Provinces and consulting the provincial authorities at Fredericton and Halifax, visits were made to what were considered to be the most promising localities; but nothing was found, or could be heard of, that gave any indication of probable value as a commercial source of pyrites.

Among the deposits inspected were the nickeliferous pyrrhotites found near St. Stephen, N.B., which are of improved, but probably limited extent.

Throughout the season information, wherever sought, was cheerfully and freely given, and acknowledgment is due to all those prospectors, mining men, government officials, and others too numerous for individual mention, who, sometimes at considerable inconvenience to themselves, volunteered to act as guides, or rendered other service with unfailing courtesy and kindness.

PYRITES PROSPECTS IN NORTHERN AND NORTHWESTERN ONTARIO.

Deposits Accessible from the Canadian Northern Railway: Fort Frances to Sudbury.

FURLONGE LAKE.

Furlonge lake is situated about 35 miles in a straight line north of Fort Frances; and about 10 miles north of Manitou sound, the north end of the north arm of Rainy lake.

Drummond Claims: J.L. 150, J.L. 151, F.F. 240 and F.F. 255.

These four mining claims, including in the aggregate some 170 acres of land and land under the waters of Furlonge lake, are owned by Drummond Mines, Limited, Mark Fisher building, Montreal. The following information regarding them, taken from the company's records, has kindly been supplied by its president, Mr. Geo. E. Drummond.

The claims can be most conveniently reached from Fort Frances by taking a gasoline boat to the Cascades at the head of Manitou sound, a distance of about 34 miles. From the Cascades there are two available canoe routes to Furlonge lake: one, by way of the Manitou river, is about 15 miles in length, but owing to the number of portages it takes a day to make the trip without a load; the other, by way of Six Mile, Echo, Smoke, and Kaiarskons lakes, is about 12 miles in length, and can be travelled in five hours, going light. The second route is the one usually taken.

Up to the present only a small amount of development work has been done on the property, but four lenses of pyrites, having the following surface dimensions, are known to occur:—

No. 1 lens	118	by 30	feet.
2 "	110	" 24	"
4 "	50	" 13	"
6 "	60	" 14	"

The sulphur content of average samples from the different lenses is said to run as follows:—

No. 2 lens	41·62 per cent
4 "	40·68 "
6 "	37·63 "

There are good indications that other pyrites bodies occur on the claims.

The situation of the property makes the question of transportation a serious one. The following method of getting the output to the railway has been proposed, should the deposits be worked: from the mine at Furlonge lake to Kaiarskons lake, one-third

of a mile, by aerial tramway; across Kaiarskons lake, 4 miles, by barge; from Kaiarskons lake to the Devil's Cascade, 7 miles, by aerial tramway; from the Devil's Cascade to Fort Frances, 30 miles, by barge—making a total of 41⅓ miles by combined barge and aerial tramway. At the various transhipping points ore bins would be built and the ore transferred to and from the barges by whirlies and clams.

The Nickel Lake Iron Range.—The Nickel Lake iron range is a belt of banded iron formation rocks that can be traced by its iron-stained, gossan-bearing outcrops along the Canadian Northern railway, across the townships of Watten and Halkirk, from the east shore of Rainy lake to Bears Passage. The most abundant constituent of the iron formation is silica, occasionally interbanded with magnetite, but oftener charged with pyrites and pyrrhotite, especially the latter. A few outcrops, however, show only massive iron pyrites, and the occurrence of these affords ground for the hope that bodies of pyrites will be found, large enough and pure enough to be valuable as a source of sulphur. Exploration has been undertaken at several points along the range in search of such workable deposits of pyrites.

Brunette's Claims: K. 206.

These claims, the property of Chas. Brunette of International Falls, Minn., are situated in the township of Watten, on the west side of the entrance to Rocky Islet bay, one of the many arms of Rainy lake. The iron range here lies a short distance north of the Canadian Northern railway track, near mile board 224. The deposits are, therefore, favourably situated with regard to transportation facilities.

Considerable trenching and test pitting has been done, and prospect openings are to be found scattered along for a quarter of a mile or more across the property. Most of them were started through drift and are now partly filled with water and mud washed in from the top and sides. Except what could be inferred from an examination of the excavated material lying alongside them, they furnish little information as to what had been uncovered at the bottom; the little that was seen would indicate that further exploration of the deposits was warranted.

The first trench inspected is on the shore of the entrance to Rocky Islet bay, just opposite the mouth of a little gully running inland from the sandy beach. Heavy dark brown limonite and pieces of rather coarsely granular, friable pyrites, apparently broken out of the partly leached surface of a large body, were found beside this trench. Excepting a little intermixed quartz, no impurities could be detected in the lumps of pyrites, which, so far as could be judged by eye, is of good quality.

Inland from this trench there are some shallow pits along the rocky right hand bank of the gully. These show light brown and yellow mixtures of limonite with sandy silica and clay, and cellular quartz left by the leaching out of sulphides. No unaltered pyrites or pyrrhotite was found around the pits to indicate that the leached zone had been passed through in them. Indications point to the bottom of the gully as a likely place in which to look for a body of sulphides; but no pits or trenches were found there, probably because the gully serves as a local drainage channel, and the soil in the bottom is so saturated with water that digging pits or trenches in it would be a difficult matter.

Most of the work on the claims has been done still farther inland where, to judge by the excavated material scattered around numerous pits, trenches, and prospect shafts, the iron formation is made up largely of a mixture of pyrrhotite and pyrites, of which the former is much the more abundant.

In November, 1918, these sulphide deposits were being explored by diamond drilling, for the Grasseli Chemical Co.

Wallace Claims: F. 85 and F. 86.

J. A. Wallace of Fort Frances is the recorded holder of these two mining claims, which are situated on the Canadian Northern railway, in lots 11 and 12 of the south range, concession II, township of Watten. They were being prospected, just south of the railway near mile board 216, by C. B. Stranahan, of 65 Wall street, New York, in July, 1918.

Here trenching through stratified clay had disclosed three roughly parallel bands of interlaminated rock and pyrites in the underlying, folded iron formation. The pyritous bands follow the general trend of the enclosing rock which strikes approximately west. The two northerly bands are each about five feet wide; the southerly band, about seven feet; the greatest width of clean pyrites seen in any of the bands, however, would not exceed twelve inches. Their length had not been determined. Pyrrhotite is associated with the pyrite in the most northerly band.

A small trial shipment of pyrites, picked from mixed material blasted out of the trenches, is said to have been made during the summer.

All work was stopped in August, 1918.

The Nickel Lake Mining Co.: P. 577, P. 580, G. 616 and G. 617.

Mining locations P. 577 and P. 580 take in the narrow strip of land between Nickel lake to the north and Grassy Portage bay to the south, on lots 7 and 8, concession II, of the township of Watten; the Canadian Northern railway runs southwestward across the locations following the lake shore closely. G. 616 and G. 617 cover the adjoining land under the waters of Nickel lake. All four locations, together with others in the immediate vicinity, are owned by the Nickel Lake Mining Co., Ltd., McIntyre Block, Winnipeg, Man.

The rock on the east and south shores of Nickel lake is lean siliceous iron formation consisting, for the most part, of fine granular quartz, with which is interbanded varying, but small, amounts of low grade magnetite. Along the south shore of the lake it carries, also, large quantities of iron sulphides—pyrrhotite and pyrites. The west shore of Nickel lake consists entirely of a dark, massive, basic eruptive rock classified by Lawson[1] as hornblende-gabbro. Similar basic rock penetrates the pyritous iron formation at places on the south shore and may possibly have some genetic connexion with the pyrrhotite and pyrite so abundant there.

Massive iron pyrites—free from pyrrhotite—outcrops close to the water's edge on the south shore of the lake, where a shaft is now being sunk. The band, or lens, of pyrites is about 12 feet wide where it is exposed and strikes approximately west, parallel to the iron formation in which it is enclosed. The dip is to the north at a high angle. Along the strike the band disappears into the lake, leaving only about 50 feet of its length exposed.

The six feet of pyrites that constitutes the north half of the band is practically pure except for a little intermixed silica. It is coarsely crystalline, granular, and friable. Analysis of an average sample taken across this part of the outcrop shows the sulphur content to be 46·06 per cent, and silica 9·11 per cent; a picked sample yielded sulphur 48·03, iron 43·43, insoluble residue 5·05, zinc 1·03, arsenic 0·012 per cent.[2] The pyrites on the south side is mixed with more or less interlaminated carbonaceous slate, or schist, and thin sheets of granular white quartz. Black, carbonaceous schist forms the south wall of the deposit; the north wall is quartzite. Along the north wall in places, are patches of a conglomerate made up of rounded and subangular pebbles of granular quartz and grey banded chert embedded in a cement iron

[1] Lawson, A. C., "The Archean Geology of Rainy Lake Re-studied," G.S.C., No. 24 Geological Series, pp. 36-40, 1913.

[2] H. A. Leverin, analyst.

pyrites. A similar conglomerate, or breccia, in which, however, the cementing material, instead of being pyrites, is a mixture of pyrrhotite, quartz, and a little chalcopyrite, outcrops about a quarter of a mile away on a tiny islet near the northeast shore of the lake.

In all probability the mining locations surrounding Nickel lake were first taken up under the erroneous impression that the pyrrhotite found there carries nickel in economic quantity. Dr. Coleman[1], who examined the Nickel lake iron range in 1901, mentions the outcrop of pyrites on the south shore of the lake, and suggests the possibility of future value as a source of sulphur. Some diamond drilling, to test the extent of this iron pyrites deposit, was done in 1902, when the property was under option to Cleveland, Ohio, parties. No information is available as to the results of the drilling, but the option was dropped, and nothing more was done to develop the property until the present owners commenced active operations in 1918. Early in the summer of that year a shaft was started on the pyrites outcrops and by November had reached a depth of 22 feet. Sinking was hampered, however, by the lake water coming in through fissures in the rock. To obviate this difficulty, a concrete collar is now being built, and the upper portion of the shaft lined with concrete. It is proposed to sink to a depth of eighty feet and then drift east and west from the shaft to ascertain the length of the ore-body.

The equipment on the property consists of two small boilers, a Lidgerwood hoist, a pump, and steam drills. The buildings include a two story cooking and sleeping camp for the men, a manager's residence, stables, warehouse, and blacksmith shop.

As a shaft is within a hundred feet of the main line of the Canadian Northern railway, there will be no difficulty in providing shipping facilities.

Mr. R. H. Flaherty is manager in charge.

Lot 2, Concession III, Watten Township.

Iron range rocks also outcrop about a mile northeast of Nickel lake, on lot 2, in the third concession of Watten township, where considerable areas of heavy gossan occur on the hills north of mile board 214 on the Canadian Northern railway. No work of any account appears to have been done on these outcrops, and no exposures could be found that would furnish a clue to the nature of the underlying deposits.

According to the inscriptions on the corner posts, the ground has been staked as mining claims by J. A. Wallace, of Fort Frances.

STEEPROCK LAKE.

Steeprock lake is north of Atikokan station, a divisional point on the Canadian Northern railway, 141 miles west of Port Arthur. The country surrounding it has received considerable attention from prospectors as possibly containing large bodies of iron ore; search for the latter has been pretty thorough in the vicinity, one result being the discovery of pyrites deposits of considerable extent.

Mackenzie and Mann Locations: A.L. 460, A.L. 461 and A.L. 462.

Mining locations A.L. 460, A.L. 461, and A.L. 462 are situated on the west side of Steeprock lake, about 3 miles north of the Canadian Northern railway track.

The following extract is taken from a report made by Charles Camsell, in 1903, to the owners, Messrs. Mackenzie and Mann. It has been made available for publication through the courtesy of Mr. F. S. Wyley, of Port Arthur, the agent for the property:—

[1] Eleventh Annual Report of the Ontario Bureau of Mines, p. 134, 1902.

"The pyrite vein . . . has been traced through locations A.L. 460, 461, and 462. Three holes have been put down to cut the vein at a depth of from 50 to 100 feet . . . They are now drilling on a fourth hole and if they strike the vein there again they will have a known length of over 600 feet. The vein can be traced from the north end of A.L. 460 southward through 461, and it outcrops again on the north and west shores of a small lake in A.L. 462. Where the drill holes cut through it, its width is from 6 to 13 feet. In the south half of A.L. 461 it dips down into a large swamp in which no trace of it can be seen, but it can be picked up again south of the line. The walls of the vein are composed of a soft graphitic slate or shale, and next to this on either side are chloritic schists, phases of which are sometimes very siliceous and always pyritous. To the west the schists grade imperceptibly into a calciferous quartzite. The vein usually occupies a depression in the ground, and on its surface the iron has been dissolved out by the action of water carrying organic acids, and deposited on the slope of the hill to the south in the shape of limonite. There is a great deal of quartz in the vein rock, which shows up well after the iron and sulphur have been extracted. The percentage of quartz on the hanging-wall is not nearly so great as on the foot-wall. The sulphur content is high enough to make the property valuable, and the only objection is the small size of the vein."

Five holes were drilled all told. The following particulars concerning them have also been supplied by Mr. Wyley:—

No. of hole.	Length of hole.	Length in pyrites.
1 on A.L. 461	157 feet	6 feet.
2 " "	167 "	11 "
3 " "	120 "	13 "
4 on A.L. 460	195 "	21 "
5 " "	161 "	*11 "

*In hole No. 5 the pyrites was so soft that it stopped the drill, and the full width was not penetrated.

Analyses of drill core samples, E. B. Kenrick, Analyst.

—	% Iron.	% Sulphur.	% Phosphorus.
Core from hole No. 2—foot-wall	39·4	44·2	Trace.
" " 2—hanging-wall	43·2	48·8	"
" " 1— "	41·7	47·7	"
" " 1—foot-wall	38·4	43·8	"

There has been nothing done to develop the deposits since they were drilled, in 1903-4.

Strawhat Lake: Mining Locations 857 X. and 858 X.

A quarter of a mile west from the south end of the southeast arm of Steeprock lake is a small lake named Strawhat lake which forms part of mining locations 857 X. and 858 X. The pyrites deposits are to be found at the southern extremity of Strawhat lake. The distance to Atikokan station is 4 miles southwest by level road.

The locations, which are said to be controlled by the United States Steel Corporation, were explored for iron ore, by diamond drilling, in 1902-3, and again in 1909. The drilling done in 1902-3 showed "siliceous iron formation with pyritic bands;" that done in 1909 "limonite in chert associated with pyritic greenstone and chlorite schists."[1]

[1] Iron Ore Occurrences in Canada, Mines Branch Publication No. 217, 1917, Vol. II, p. 52.

W. G. Miller,[1] who saw the deposit when it was being uncovered in 1902, says: "The pyrite is more or less mixed with rock matter and magnetite, and has a brecciated appearance."

The occurrence is described by E. L. Fraleck, in the Sixteenth Report of the Ontario Bureau of Mines, p. 173; and as nothing that adds to the information contained in his report has been done on the property since, it may be quoted verbatim:— "A very large deposit of iron pyrites has been uncovered at the southern extremity of Strawhat lake . . . The work done comprises trenching, test pitting, and four diamond drill holes on locations 857 X and 858 X. The south trench shows a width of pyrite of over 140 feet, the eastern 60 feet of which would be quite high grade at shallow depth, as the only impurity was gossan. The ore showed unequal banding and nodular weathering. The eastern portion of the trench is somewhat siliceous, and would not run more than 38 to 40 per cent of sulphur. A test pit 100 yards to the north, near the camp, shows very fine pyrites under a heavy capping of limonite and hematite. The hill on which the south trench is located is thirty feet high, and the whole gully to the west appears to be underlain with pyrite. Diamond drilling disclosed the pyrite in the form of a vast crescent, between the horns of which lies a deposit of hematite . . . . . The country rock to the west is an eruptive greenstone, and to the east green schist. Those along the trail to Steeprock lake show at times a curious ellipsoidal weathering."

THE ATIKOKAN IRON RANGE.

Between Atikokan and Kawene stations, on the Canadian Northern railway, bodies of magnetite associated with much sulphide of iron, usually in the form of pyrrhotite but sometimes as pyrites, have been found strung out along the valley of the Atikokan river for a distance of about 16 miles. This iron-sulphur bearing belt, known as the Atikokan iron range, is broken topographically by Sabawe lake into an eastern and a western portion. On the western portion of the range the mixed sulphides consist almost entirely of pyrrhotite, but on the eastern end, at Atikokan mine, there are large bodies of mixed magnetite and pyrites.

Much of the material in these deposits would satisfy all the requirements for a good iron ore were it not for the high percentage of sulphur it contains; the sulphur content, on the other hand, is not large enough to make it valuable for the recovery of sulphur alone. A course of procedure in which the sulphur, expelled by roasting, would be saved as a by-product may ultimately solve the economic problem of utilizing material of this composition for iron ore. The extent of the deposits, and of others of somewhat similar composition at Rush river—to be described later—makes a solution of the problem involved in their utilization especially desirable.

It is possible also that investigation would show that, by careful selection, pyrites of merchantable grade could be produced from some of the deposits at Atikokan mine. Up to the present they have been looked upon as a possible source of iron ore only.

West of Sabawe Lake: R 403 and 212 X.

Magnetite-pyrrhotite deposits are found within half a mile north of mile board 134 on the Canadian Northern railway. They lie just south of Atikokan river, on mining locations R 403 and 212 X.

The only exposure of the iron-bearing formation on 212 X is in a pit near the west boundary, where a considerable body of pyrrhotite has been uncovered. Farther west, on location R 403, numerous trenches and test pits have been dug, exposing,

[1] Twelfth Report of the Ontario Bureau of Mines, 1903, p. 309.

in most cases, irregular lenses of mixed magnetite and pyrrhotite. The width of the area within which these lenses occur is approximately 100 feet; its total length on the two locations, as determined by magnetic survey, is 2,900 feet.

In 1908 and 1909, considerable exploration, by trenching, test pitting, and diamond drilling, was done on the deposits, under the supervision of R. H. Flaherty, of Port Arthur. D. B. Rockwell, the engineer in charge of the work, estimates that there has been proved up 2,530,000 tons of material of the following average composition:—

Iron	59·80 per cent.
Silica	3·30 "
Sulphur	20·40 "
Phosphorus	0·025 "*

West of Sabawe Lake: 138 X and 139 X.

The magnetite-pyrrhotite deposits on mining locations 138 X and 139 X are about 500 feet north of the Canadian Northern track, between mile boards 135 and 136; practically all the deposits are on location 138 X

Iron-bearing formation is exposed in numerous places along a high ridge which extends from mining location 139 X westward across 138 X. In it the mixed magnetite and pyrrhotite is found concentrated in irregular lenses, or pockets, and also disseminated through the rock. In samples taken from the surface exposures the sulphur content ranges from 3 to 25 per cent; iron, from 38 to 62 per cent; silica, from 2 to 16 per cent; and phosphorus from 0·006 to 0·045 per cent.

A magnetic survey of the two locations shows that the iron formation on them occupies an area 2,600 feet long and about 250 feet wide at the widest place. Exploration by surface work and diamond drilling, done in 1908 and 1909 under the supervision of R. H. Flaherty of Port Arthur, has proved up, it is estimated, 1,827,000 tons of material of the following composition on location 138 X alone:—

Iron	55·73 per cent.
Silica	6·67 "
Sulphur	20·38 "
Phosphorus	0·037 "†

East of Sabawe Lake; Atikokan Iron Mine.

On the eastern end of the Atikokan iron range considerable pyrites, mixed with magnetite, is found in the Atikokan iron mine. The mine is a little less than a mile east of Sabawe lake; a spur line, 3 miles in length, connects it with the main line of the Canadian Northern railway at a point 128 miles west of Port Arthur. The Atikokan Iron Company of Port Arthur is the owner.

The iron range rocks outcrop on mining locations E 10 and E 11, forming a steep, narrow ridge, 3,800 feet long, having a maximum width of 400 feet, and an elevation above the surrounding swamp of nearly 100 feet. The ridge is made up of interlaminated greenstones, green schists, and roughly lenticular bodies of magnetite, some of which are highly pyritous. In portions of some of the lenses in the south side of the ridge, pyrites is the most abundant constituent.

At the mouth of a tunnel driven north through the west end of the ridge, there is a band, or lens, of irregularly banded pyrites and magnetite, 7 feet wide, and having the following average composition:—

Sulphur	18·81 per cent.
Iron	48·26 "
Silica	6·06 "
Phosphorus	0·009 "

* Iron Ore Occurrences in Canada, Vol. II, Mines Branch Publication No. 217, 1917, p. 46.
† Iron Ore Occurrences in Canada, Vol. II, Mines Branch Publication No. 217, 1917, p. 46.

Twenty-seven feet in from its mouth the tunnel passes through a second lens, or band, 26 feet wide, and carrying an average of:—

Sulphur	14·93 per cent.
Iron	45·10 "
Silica	4·90 "
Phosphorus	0·064 "

About 950 feet east from this first tunnel, No. 1 shaft—47 feet deep—has been sunk at the foot of the ridge on its south side. It is said to have passed through material of the following average composition:—

Sulphur	19·93 per cent.
Iron	55·33 "
Silica	4·46 "
Phosphorus	0·105 "

Pyrites, magnetite, pyrrhotite, and a little chalcopyrite, can be seen mixed with the rock matter in the dump.

One thousand six hundred feet east from No. 1 shaft a second tunnel, driven north into the ridge, cuts 9 feet of mixed pyrites and magnetite carrying:—

Sulphur	25·75 per cent.
Iron	57·33 "
Silica	3·94 "
Phosphorus	0·015 "

No. 3 shaft is close to the mouth of this second-mentioned tunnel; a cross-cut driven north from the shaft, at a depth of 126 feet, passes through 35 feet of mixed pyrites carrying:—

Sulphur	15·80 per cent.
Iron	48·84 "
Silica	12·52 "
Phosphorus	0·23 "

All the analyses given above represent average samples taken across considerable widths of the deposits to determine their value as iron ore. Had the sampling been confined to the more highly pyritous sections only, to determine the existence or otherwise of bodies of pyrites of workable size and merchantable grade, a considerable higher percentage of sulphur could doubtless be shown. A sample of pyrites picked off the dump at the mouth of the tunnel at the west end of the ridge, for instance, yielded on analysis:—(H. A. Leverin, analyst.)

Sulphur	25·41 per cent.
Iron	48·00 "
Insoluble	16·48 "
Zinc	0·31 "
Copper	0·10 "
Arsenic	0·007 "

Conmee Township.

A number of mining claims have been taken up for iron pyrites, on lots B, C, and D, in the fifth concession of Conmee township, about a mile south of Mokoman, a station on the Canadian Northern railway, 31 miles north of Port Arthur.

The pyrites in all the deposits examined is closely associated with banded cherts, jaspers, and magnetite, of the iron formation so abundant in this township. On account of the heavy covering of drift and the generally wooded character of the country, natural exposures are comparatively few, small and hard to find, and prospecting is difficult. The associated iron formation, however, being magnetic, serves to some extent as an indicator, and the dip needle has been successfully used for locating bodies of pyrites hidden under the drift.

All the known deposits are within three-fourths of a mile of the railway.

The North Half of Lot B, Con. V: Morrison Claims.

In 1901, a shallow prospecting shaft was sunk, by the Davis Sulphur Ore Co., of New York, on a deposit of pyrites that outcrops in the bed of Brulé creek near the northeast corner of lot B, con. V, Conmee township. The shaft is now fallen in, but there is a recently dug trench close to it, in which the deposit could be seen.

The trend of the deposit appears to be to the southwest. Some of the pyrites is fairly clean looking, but most of it is mixed with fine-grained silica. Along the edge of the pyrites there is a band of brecciated granular silica. Banded chert, jasper, and magnetite, of the iron formation, outcrop a little farther up the creek. The only other rock seen in place in the immediate vicinity was greenstone. The deep drift covering the bottom of the creek valley precludes any extensive examination of the deposit.

E. B. Fraleck,[1] who examined the occurrence at the shaft in 1906, says:—

"The deposit strikes northeast near the contact of conglomerate and the Mattawin iron range. A deep covering of bouldery gravel obscures the surface, and the deposit can only be examined where a small pit has been sunk on the bank of Brulé creek. The bottom of the test pit is 5 feet below the level of the creek, and about 80 tons are on the dump. The pyrite-bearing zone appears to be about 30 feet wide.

"The occurrence is one of replacement, wholly or in part, of the conglomerate by pyrite, which even when massive retains that structure. The more soluble pebbles have been completely replaced by pure pyritic nodules with a roughly spherical outline. In the other portions of the conglomerate the substitution is more or less incomplete, the pebbles of pure silica being entirely unchanged.

"An average sample of ore on the dump yielded 29·20 per cent of sulphur."

Mr. Bruce L. Morrison, of Port Arthur, is the present owner of this property.

The North Half of Lot B, Concession V: The General Chemical Company's Claims.

Immediately south of the Morrison claims—and also on the north half of lot B, concession V—are two mining claims that are now under lease to the General Chemical Company, of 25 Broad street, New York. They are located on the northern edge of the heavily wooded high land that bounds the south side of the valley of Brulé creek. The Canadian Northern railway passes half a mile east of them.

A large amount of trenching, test pitting and stripping has been done on these two claims, but when they were visited, in 1918, most of the workings had become useless for purposes of observation, through the caving in of earth from the sides. In one stripping, pyrites with some included rock matter is exposed over a width of 70 feet. Another exposure, some distance to the northeast, consists of 25 feet of mixed gossan, leached rock capping, and pyrites. Magnetite and pyrrhotite occur locally, mixed with the pyrites. Lean siliceous magnetite, very similar to some of the magnetite found in the iron formation, is also found as angular and sub-angular fragments enclosed in pyrites, usually towards the edge of the deposits.

The deposits were diamond-drilled in 1917 by the General Chemical Company of New York, who are the owners of pyrites mines at Northpines, Goudreau, and Sulphide, Ontario, and of chemical works at several points in Canada. The drilling is reported to have proved the existence of bodies of pyrites of workable size and merchantable grade, and apparently the results were satisfactory to the company as they subsequently leased the property for a term of years on a royalty basis.

No visible preparation is yet being made to develop the deposits.

The Matheson Claims.

Adjoining Morrison's and the General Chemical Company's claims on the north, east, and south, there are a number of other claims on which pyrites deposits have

[1] Sixteenth Annual Report of the Ontario Bureau of Mines, 1907, p. 172.

been reported to occur. They have a multiplicity of owners, but W. A. Matheson, barrister, of Fort William, is more or less directly interested in all of them.

Mining Location R. 702 takes in the southern portion of lot C, concession VI. In 1913 or 1914, a diamond drill hole was put down near the southwest corner of the location to test at depth the iron formation that outcrops a little to the west. Pyrites is said to have been found in this hole, but authoritative information is lacking.

North Half of Lot C, Concession V. On the southern portion of the north half of lot C, concession V, a number of trenches have been dug through drift near the west boundary of the lot. Pyrites is said to have been found in some of them, but the trenches are now fallen in, so the statement could not be confirmed.

The Morton Lease. What is sometimes known as the Morton Lease constitutes the northwest quarter of the south half of lot C, concession V.

Near the northwest corner of the claim there are two old prospecting shafts and, between them, a stripping 30 or 40 feet in diameter. The general trend of the workings is north and south. The south shaft is just at the edge of the stripping and is now filled with debris. The other shaft is about 50 feet north of the stripping, and higher up the hill; it is about 20 feet deep.

A section across the stripping shows 2 feet of pyrrhotite; 6 feet of mixed pyrites and pyrrhotite; 15 feet of mixed pyrrhotite and rock; and 12 feet of pyrites with some intermixed silica. On the uphill side of the stripping the sulphides are overlain by about eight feet of mixed granular quartz, leached rock capping, and impure limonite.

At the bottom of the north shaft there is about eight feet of pyrites mixed with some quartz. The upper part of the shaft is in a gossan of leached rock and limonite. The material on the dumps contains both pyrites and pyrrhotite.

Lot B, Concession V. On the northeast quarter of the south half of lot B, concession V, lumps of iron pyrites enclosing fragments of fine-grained magnetite were picked up alongside some caved-in trenches.

In a stripping near by, a seam of pyrites, two to three feet thick, occurs in a twelve-foot band of rusty quartzose rock that lies between porphyritic greenstone and banded iron formation.

South Half of Lot C, Concession V. Near the middle of the south half of the south half of lot C, concession V, some shallow pits have been sunk in a zone of rusty gossan-bearing rock. The pits are now partly filled with loose earth and gossan, and no unweathered formation can be seen in them. Mingled with the rock matter on the dump, however, there is a considerable amount of fine-grained, mixed pyrites and magnetite.

Crumpled, cherty, banded iron formation lies east of the rusty, pyritous rock; between the two is a curious breccia, made up of shattered iron formation cemented by magnetite and quartz.

Lot D, Concession V. On lot D, concession V, a triangular, fractional lot bounded on the northeast by the Kaministikwia river, large boulders of clean pyrites "float" have been found in the bed of the creek that flows into the river from the southwest. Attempts to trace them to their source have been, so far, unsuccessful.

LAKE NIPIGON.

Mike Ralph's Claim: T.B. 3423.

This prospect can be reached by a trail a mile and a half long that leads southeastward from the railway bridge that crosses the Blackwater river a mile and a half west of Jackpine. Jackpine is a station on the Canadian Northern railway, 135 miles east from Port Arthur.

Mike Ralph of Port Arthur is the recorded holder of the claim.

A rusty belt of pyritous chlorite schist, or fahlband, crosses the claim in a westerly direction. A small pit, about four feet in diameter and three feet deep, where the fahlband crops out as a low, narrow ridge in a swamp, represents all the work done on it. The surface of the ridge, which is about 60 feet wide, consists of rusty, fissile schist and a little gossan. The pit shows partially weathered pyrites interlaminated with a bright green, fissile, chlorite schist underlying about 18 inches of gossan. The dip of the formation is nearly vertical. Crystals of magnetite are disseminated through the chlorite schist, and the fahlband as a whole has a noticeable effect on the dip needle.

A sample of pyrites from the pit bottom yielded:—[1]

Sulphur	22·9 per cent.
Iron	41·5 "
Zinc	1·6 "
Insoluble	12·6 "

Sudbury District.

RUSH LAKE IRON RANGE.

The Woman River iron range is a belt of iron-bearing rocks that starts at a point near the northeast end of Sahkatawichtah, or Rush lake and runs southwestward across the Rush river and along the Woman and Ridout rivers, for a total distance of about 40 miles.

On that part of the range that lies east of the Rush river, cherty banded iron formation of a usual type is accompanied by, and at places is in contact with, a parallel belt of iron-stained siliceous rock that is heavily charged with magnetite, pyrrhotite, pyrites, and carbonate of iron. A section from north to south across the strike of the iron range here, is as follows:—

Interlaminated greenstones and green schists and some light-coloured acidic schists.

Banded iron formation, largely composed of chert and red jaspery quartz—locally garnetiferous and always magnetic.

Greenstone—wanting in places.

A zone of mixed quartz, magnetite, pyrrhotite, pyrites, and ferruginous carbonates.

Light coloured schists, interlaminated with some darker, green schists—locally garnetiferous.

Basic dikes cut the whole series, which stands nearly vertical.

The Rush Lake deposits are of large extent. Like those on the Atikokan range, they are to be regarded essentially as possible future sources of iron ore, the economic availability of which may ultimately depend on the utilization of the large sulphur content, as well as the iron, thus making the sulphur pay at least a part of the cost of its elimination from the ore. The cost of merely expelling the sulphur to make an ore suitable for use in the blast furnace, is too costly an operation to be profitable, at the present time at least.

Smith Claims: Jefferson Iron Mine. All the known exposures on the Woman River iron range east of Rush river are included in some twenty-two mining claims owned by W. E. Smith of Sudbury. Starting from the east bank of Rush river, these claims extend northeastward in a continuous chain for about 4 miles, across the unsurveyed territory between Sahkatawichtah lake to the south and the townships of Dale and McOwen to the north. They are numbered consecutively, from east to west, W.D. 715 to W.D. 736.

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[1] H. A. Leverin, analyst.

The distance from W. D. 715, at the eastern end of the chain of claims, to Stackpool station on the Canadian Northern railway is about 14 miles in a straight line; by canoe route the distance is about 20 miles—with nine portages. A longer route, but with fewer portages, starts at the Canadian Northern railway bridge over the Groundhog river (Kukatush station) and proceeds by way of Groundhog and Horwood (formerly Matagaming) lakes to W. D. 736, where the western end of the chain of claims touches the Rush river.

Except for a few short intervals, the band of iron formation, and the accompanying sulphide-bearing zone have been traced, in numerous trenches, test pits, and natural outcrops, for the full length of the chain of claims. The line of exposures runs in a general southwesterly direction over low, rocky hills, separated by drift covered flats; the exposures are confined to the hills where the drift covering is thin or lacking. The rusty, pyritous zone—as distinguished from the cherty banded iron formation—averages perhaps 40 feet, and attains a maximum of about 150 feet, in width. It is made up of magnetite, pyrrhotite, pyrites, quartz, and ferruginous carbonates, and includes varying amounts of interlaminated rock.

The relative proportions in which the different minerals occur vary greatly in different parts of the sulphide-bearing zone. On the easterly claims the predominant constituents are magnetite and pyrrhotite, with subordinate quantities of pyrites, carbonate, and quartz. On the western claims magnetite and pyrrhotite are less abundant and, as the Rush river is approached, are almost or entirely lacking, and the deposits become essentially a mixture of pyrites, ferruginous carbonate, and silica.

Intermixed galena, zinc blende and a little chalcopyrite have been found associated with the iron minerals at two places on W.D. 717, near the eastern extremity of the range. The occurrences are both in the magnetite-pyrrhotite zone, near its southern border; they are 500 feet apart, one in a drill hole, the other in some test pits. In one pit mixed galena, blende, pyrites, pyrrhotite, quartz, calcite, and chalcopyrite have been exposed for a width of 15 feet, about 8 feet of which is fairly pure galena and zinc blende. The galena-blende-chalcopyrite mixture appears to occur as a separate deposit cutting the magnetite-pyrrhotite; whether the two exposures of galena and blende are connected by a continuous deposit, or line of deposits, has not been determined.

Analyses of three samples of mixed magnetite, pyrrhotite, and pyrites from the eastern end of the sulphide belt are as follows:—

No.	% Iron.	% Sulphur.	% Silica.	% Phosphorus.
1	43·17	44·16	13·15	
2	52·50	29·64	4·65	
3	52·24	13·62	4·60	0·007

Samples Nos. 1 and 2 were selected for the relatively large amount of pyrites they contained. Sample No. 3 is more nearly representative of the general run of the deposits at this end of the range.

Three samples of mixed pyrrhotite, magnetite, pyrites, and probably a little iron carbonate, from three different trenches on W. D. 731, on the westerly section of the range, yielded:—[1]

	4 %	5 %	6 %
Sulphur	25·94	22·92	34·78
Iron	42·81	43·11	44·79
Insoluble	1·20	4·50	6·40
Phosphorus	0·005	0·006	0·009
Zinc	0·37	0·54	0·25
Arsenic	0·009	0·005	0·009

[1] H. A. Leverin, analyst.

A sample showing pyrrhotite, magnetite, pyrites, and quartz, taken from a stripping near an old shaft on W. D. 732, yielded:—[1]

	7. Per cent.
Sulphur	26·18
Iron	43·50
Insoluble	8·36
Phosphorus	0·015
Zinc	0·10
Arsenic	0·009

The samples of which the two following analyses, 8 and 9, were made, came respectively from W. D. 734 and W. D. 736, near Rush river. In so far as could be seen with the naked eye, they consist entirely of pyrites, iron carbonate, and a little quartz. No magnetite or pyrrhotite could be detected in them, and at the places they were taken the deposits have no effect on the dip needle:—

	8. %	9. %
Sulphur	25·43	30·56
Iron	42·42	43·50
Insoluble	1·78	3·06
Phosphorus	0·011	0·009
Zinc	0·44	0·93
Arsenic	Trace.	0·011

A considerable amount of diamond drilling has been done on the eastern claims, and at two points 1,700 feet apart the deposits have been proved to maintain their surface width at depths of 300 and 380 feet respectively.

The total quantity of mixed sulphides, magnetite, and carbonate on the property is, unquestionably, very large.

Township of Norman, Concession VI.

Some outcroppings of iron pyrites that have been found associated with banded iron formation about 2 miles northwest of Wanapitei lake, in concession VI, of the township of Norman, were visited, in company with Mr. Gilbert Bennett of Sudbury. They lie 5 or 6 miles east of the main line of the Canadian Northern railway; a spur line to the Whistle nickel mine terminates about 2 miles southwest of them.

Gossan outcrops associated with banded iron formation, greenstones, and greenstone conglomerate can be traced from a point on the north bank of Post creek, near the boundary of the Indian reserve, northward to the south boundary of Parkin township. Near the creek, weathered, gossaniferous rock can be seen for a width of 80 feet in some old prospecting pits and trenches. A sample of pyrites mixed with a black material, probably impure magnetite, and some pyrrhotite was taken from one of the old pits and analysed, yielding:—[1]

	Per cent.
Sulphur	34·62
Iron	41·34
Insoluble	4·65
Zinc	0·25
Copper	....
Arsenic	0·004
Phosphorus	0·015

Pyrites, mixed with quartz, was seen in another pit something over half a mile north of the creek, near the boundary of Parkin township. One side only of the deposit has been uncovered, exposing six feet of the mixed material. A sample from this pit yielded on analysis:—[1]

	Per cent.
Sulphur	32·51
Iron	32·80
Insoluble	21·12
Zinc	0·30
Copper	....
Arsenic	0·017

[1] H. A. Leverin, analyst.

The presence of carbonates was indicated in both samples by their effervescing strongly in dilute hydrochloric acid.

Other strippings and shallow pits on the gossaniferous zone show only a little pyrites, pyrrhotite, and impure magnetite scattered through the rock.

Deposits Accessible from the Canadian Pacific Railway: Kenora to Sudbury.

Lake of the Woods.

Deposits of iron pyrites extensive enough to be of prospective economic value are mentioned by A. C. Lawson[1] as occurring on the shore and islands of the Lake of the Woods.

Ptarmigan Bay.

On the shores of Zig-zag point and Corkscrew island in Ptarmigan bay, there are some bands of black slaty schist, rarely more than 15 or 20 feet wide, of which the "essential character varies from a slightly carbonaceous variety of glossy hydromicaceous slate to a black, argillaceous slate, which soils the fingers on handling. These carbonaceous schists are characterized by two features that have never been found wanting in them wherever observed. They are: a well defined vesicular structure, and an abundance of pyrite. The vesicular structure is so strongly developed in some portions of the schist that it presents the appearance of a very scoriaceous slag, the vesicles ranging in size from cavities an inch or more in diameter to those of quite minute dimensions. . . . The smaller cavities, under a quarter of an inch in diameter . . . are very generally filled with round balls of iron pyrites, which, with a little patience, can be pricked out of the schist in handfuls. . . . In the same schist pyrites is often present in large vein-like masses of such extent as to be of prospective economic value."

Pyrrhotite deposits of considerable size are described by A. L. Parsons[2] as occurring a little west of the Lake of the Woods, near the Ontario-Manitoba boundary.

Shoal Lake.

"At mining location M.H. 7, near the mouth of Carl bay, on the south side of Shoal lake, a vein, consisting almost entirely of pyrrhotite, is found outcropping on the shore of the lake. The vein is about 12 feet wide and is between walls of altered trap. . . . So far as seen, no work of any account has been done.

At the east end of Carl bay a pyrrhotite vein was found about four feet wide near the contact of the granite and altered trap. A small test pit had been sunk, but work has been discontinued."

West Hawk Lake.

South of Ingolf "pyrrhotite runs in two or more parallel bands nearly east and west, and is found extending from a point two or three miles east of West Hawk lake to a point several miles west of the west end of the lake. Much of the rock with which the pyrrhotite is associated is schistose, and resembles the iron formation near Dryden, except that the iron present is combined with sulphur rather than oxygen. The width of the pyrrhotite bodies varies considerably, but in one place east of West Hawk lake the main body was about 150 feet wide, while the rock accompanying it appears to

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[1] Lawson, A. C., Geol. Surv., Can., Annual Report, 1885, pp. 58 and 124 CC.

[2] Twentieth Annual Report of the Ontario Bureau of Mines, 1911, pp. 168 and 197.

be well impregnated with it for a width of several hundred feet, as evidenced by the rusty character of its outcrop. The body of pyrrhotite carries gold values; nickel has been looked for, but up to the present only very small percentages of this metal have been detected by analysis."

Rochon Claims: D. 704 and D. 707.

Mining claims D. 704 and D. 707 are about 2½ miles south of the town of Keewatin, and within half a mile of the west shore of Rat Portage bay of the Lake of the Woods. They were originally staked for gold and are now held by Boromee Rochon, of Keewatin.

On the north part of D. 704 a somewhat pyritous, rusty zone occurs in a belt of light coloured porphyritic schist and schistose agglomerate that strikes a little north of east. Some shallow excavations expose bands three or four feet wide, rather heavily impregnated with pyrites, in the rusty schists; but there is nothing that suggests the possible presence of workable deposits of that mineral.

Farther south on the same claim an old shaft, said to be 32 feet deep, has been sunk in the side of a hill facing southeast. The shaft is now full of water. There is considerable gossan in the vicinity of the shaft, and massive pyrites and pyrrhotite can be picked out of the rock matter in the dump. Impure limonite, probably derived from pyrrhotite and pyrite in the rocks on the hillside above, occurs in considerable quantity on the low ground at the foot of the hill.

D. 707 lies immediately south of D. 704. In a trench 132 feet long, dug across the top of a knoll, on D. 707, there is little to be seen but leached rock and gossan. Pieces of mixed pyrrhotite, pyrites and rock can be found in the excavated material alongside the trench.

Two hundred and fifty or three hundred feet southwest of the trench a shallow open-cut in the southwest face of the hill has been excavated, for the most part in leached rock capping; a little solid pyrrhotite and pyrite can be seen in it, however. Judging by the look of the gossan, any unweathered sulphides found beneath it are likely to be badly mixed with rock matter.

Pyrrhotite also occurs east of D. 704 and D. 707, near the shore of Rat Portage bay, on the property of a Mr. Gagnon.

Guthrie Claims.

On page 175 of the Sixteenth Annual Report of the Ontario Bureau of Mines, 1907, E. L. Fraleck describes three mining locations, A. 274, A. 257, and A. 273, as being located on a fahlband a mile and a half north of Riddell siding on the Canadian Pacific railway.

There is no longer a Riddell siding on the railway, and the only claims in the locality described by Fraleck that are now on record in the Mining Recorder's office at Kenora are S. 772, S. 773, S. 774, and S. 775, lying east and south of Octopus lake, staked by Dave Guthrie, of Kenora. Pine station, on the Canadian Pacific railway, is about a mile and a half south of them.

No work is now being done, and there is nothing further of interest to add to Fraleck's description of the locality, which is as follows:—

"A heavy fahlband strikes in a northeast direction along a range of bare hills. In all the valleys and depressions along the range high grade limonite is found. Some of this may have resulted from the decomposition of pyrites in place, but for the most part it has been derived from oxidation along the hills and subsequent deposition in the depressions. It was impossible to arrive at the depth of the limonite, but the surface area was quite extensive. No high grade gossan was observed in place on the hills, and the fahlband was, in the main, low grade. A small test pit, however, near

the shore of a lake disclosed promising gossan and very fair pyrite. The country rock is a felsitic schist, cut by numerous pegmatite dikes. It is said that later operations have disclosed a considerable body of mixed pyrite and pyrrhotite."

EAGLE LAKE.

The Canadian Pacific railway skirts the shore of Eagle lake at Vermilion bay, 56 miles east of Kenora. Eagle River station, 10 miles farther east, is 4 miles from Eagle lake, with which it is connected by a river of the same name, and also by road. The river is navigable from the lake to within a mile of the station.

Net Island.

Net island is situated near the west shore of Eagle lake; 10 or 12 miles from Eagle river, and 15 or 16 miles from Vermilion bay.

The occurrence of pyrites is mentioned by A. L. Parsons,[1] who examined the island in 1911. He says: "The greater part of the interest in mining in this region has been connected with a vein near the northern part of Net island, which has been looked upon as an iron deposit. During the previous winter this vein was tested by diamond drilling, stripping, and the sinking of a small shaft. The vein as it is exposed varies from 4 to 12 feet in width, and on the surface is oxidized so as to present a mixture of limonite with small amounts of hematite and magnetite. Where excavation has been made the vein material has been found to be largely made up of pyrite with small amounts of chalcopyrite. If this vein were better situated with respect to transportation facilities it should prove valuable as a source of pyrite."

When the island was visited in 1918, the shaft was found partly filled with debris. It has been sunk through the gossan capping of the deposit near the top of a low rocky ridge, across which the vein cuts. It is said to be 22 feet deep and still in decomposed matter at the bottom. On the surface, near the shaft, there is 18 feet of gossan between well defined walls. The sides of the shaft show, for the most part, fine granular, porous, residual quartz mixed with limonite. Numerous, discontinuous, vertical streaks of pulverulent magnetite occur through the quartz, and an occasional copper stain is to be seen. There is also a little friable pyrites that has escaped decomposition scattered through the mass. Exceedingly fine-grained, dense, blue-black magnetite of exceptional purity occurs, in places, plastered on the south wall of the deposit in irregular patches up to 4 or 5 inches thick.

The vein can be traced eastward from the shaft, by strong magnetic attraction and occasional outcroppings of dense limonite, to a shallow pit 250 or 300 feet distant, at the foot of the ridge. Here, twelve feet of pyrites lying against the north wall of the deposit is exposed; the south wall has not been uncovered. Quartz and some magnetite are interlaminated with the pyrites in narrow irregular bands.

A sample from this pit yielded on analysis:—[2]

	Per cent.
Sulphur	23·85
Iron	53·23
Insoluble residue	4·82
Zinc	0·44
Copper	0·05
Arsenic	0·007

East of the pit, clay flats extend to the edge of the island, and obliterate any further trace of the vein in this direction. West of the shaft, there are exposures of rusty rocks along the line of strike of the deposits, but no pyrites of importance was seen.

[1] Twenty-first Annual Report of the Ontario Bureau of Mines, 1912, p. 184.

[2] H. A. Leverin, analyst.

The country rock is a bright green, fissile, chlorite schist that appears to grade, in places, into massive greenstone. Crystals of pyrites and of magnetite, up to a quarter of an inch in diameter, are plentifully sprinkled through the schistose wall-rock. The dip of the vein is nearly vertical; its strike, approximately west; both are parallel to the schistosity of the enclosing rock.

A diamond drill hole was put down not far from the shaft to test the deposit at depth, but no authoritative information is available as to the results obtained.

The property is controlled by R. C. Gamble of Ottawa.

North Twin Island.

Half a mile or more east of Net island, and approximately on the line of strike of the Net island vein, a small outcropping of magnetite associated with rusty rock and a little pyrites has been found on the shore of North Twin island. A diamond drill hole put down in the magnetite outcrop is said to have penetrated pyrites at a depth of 50 feet.

ENGLISH RIVER.

Several zones of pyritous rocks, or fahlbands, of considerable extent are known to occur in a belt of Keewatin rocks that lie about 14 miles southwest of English River station (English P.O.), on the Canadian Pacific railway. Numerous mining claims have been staked on them.

Nicuso Syndicate Claims. The Nicuso Syndicate, of 301 Sparks street, Ottawa, has some 20 or 30 mining claims staked on such fahlbands lying between Welsh and Keewatin lakes. The syndicate claims are in two groups: the southerly group surrounds and includes two small lakes, sometimes known as Pine and Cryderman lakes; the northerly group—a short distance north of Pine lake—includes part of a small pond sometimes called Paul Stone's lake.

Pine lake is accessible by a canoe route 20 or 25 miles in length, that, starting at English River station, proceeds by way of Scotch river, Upper and Lower Scotch lakes, and Irish lake to Welsh lake. From the east side of Welsh lake a portage, about two-thirds of a mile long, leads to Pine lake. Trails lead to the northerly group of claims from both Pine lake and the upper end of Irish lake.

A great deal of trenching, test pitting, and stripping has been done on the properties; but, when they were visited, recent heavy rains had converted most of these excavations into mere receptacles for mud and water which effectually concealed whatever had been found in them. A few were in better condition for examination.

Southern Claims.—A pyrite-bearing band of black, carbonaceous rock which crops out on the south shore of Pine and Cryderman lakes, crosses the southern claims in a general westerly direction. A pit on the south shore of Cryderman lake, on mining claim K. 683, is about six feet deep in black graphitic slate heavily charged with pyrites. Only one side of the deposit has been uncovered, exposing about 12 feet of the mixed pyrites and slate. About 250 feet east of this pit, interbanded pyrites and graphitic slate, underlying a capping of vesicular graphitic rock, are again exposed. The exposure is 10 or 12 feet wide, but neither wall has been uncovered. Other trenches and pits in the vicinity were too full of mud and water to permit of an examination being made of them.

The pyrites occurs, in part, as spherical nodules, up to several inches in diameter, filling cavities scattered irregularly through the graphitic slate. In part, mixed with silica, it is interbanded with the graphitic material. Some of the pyritic bands are made up largely of coalescing spherules of pyrites with quartz filling the interstices, but in most of them the pyrites is finely crystalline, granular, and shows no spherical structure.

Samples of (1) the mixed nodular pyrites and pyritous slate; (2) the general run of the banded pyrites; and (3) the purest looking of the banded pyrites, yielded on analysis:—[1]

	1. %	2. %	3. %
Sulphur	24·7	24·5	30·1
Iron	23·5	23·0	30·0
Insoluble	35·9	45·3	25·7
Arsenic	Trace.	Trace.	Trace.
Zinc	0·84	0·64	0·64
Copper	None.	None.	None.

What is seemingly the same band of black, pyritous schist that is exposed on Cryderman lake outcrops again about three-quarters of a mile eastward, on K. 715. Here, an open-cut into the bank, on the south side of Pine lake, exposes a deposit 12 or 14 feet wide, of mixed graphitic slate, limonite, pyrrhotite, pyrites, and quartz underlying eight feet of dense gossan.

Trenching between the exposures on K. 683 and those on K. 715 is said to have demonstrated the continuity of the pyritous, graphitic rock across the two intervening claims, K. 682 and K. 699. The trenches were not in a condition to afford any evidence on this point when the property was examined, however.

Greenstone and quartzite were the only rocks noted in association with the carbonaceous slate. Drift obscures most of the surface in the vicinity.

Northern Claims.—Near the upper end of Paul Stone's lake, on K. 712, 15 feet of siliceous pyrites interbanded with graphitic slate, or schist, lying alongside ten feet of siliceous banded iron formation, is exposed in a trench and pit. Very little gossan is to be seen. In places the pyrites bands are twisted and contorted, following corresponding twists and contortions in the schist. Some of the bands consist of a string of flattened, coalescing, nodules of pyrites. Small, single nodules also occur sparsely scattered through the banded material.

The pyrites in this pit was the cleanest seen on the northern claims. A sample yielded on analysis:—[1]

	Per cent.
Sulphur	23·84
Iron	22·19
Insoluble	44·64
Arsenic	0·01
Zinc	0·29
Copper	0·30

Iron formation rocks with an accompanying pyritous band can be traced eastward from the pit on to K. 713; and westward across claims K. 711, K. 718, and K. 720. Banded siliceous pyrites, very similar to that on K. 712, is exposed again on K. 718. Iron formation, consisting of alternate narrow bands of chert and magnetite, outcrops near the line between K. 719 and K. 720.

There has been considerable trenching, test pitting, and some drilling done, on K. 720, where the occurrence of iron-stained siliceous rock carrying some pyrrhotite, pyrite and a little chalcopyrite, has caused the expenditure of much fruitless energy in a search for deposits of copper ore.

NORTH SHORE OF LAKE SUPERIOR.

Rossport.

Some of the mining locations originally taken up for gold near Rossport, on the north shore of Lake Superior, have from time to time been mentioned as carrying sufficient pyrites to warrant the expectation that they may develop into pyrites mines.

[1] H. A. Leverin, analyst.

Veins and small pocketty masses of various mixed sulphides are not uncommon in the district, but none were seen, or heard of, that gave any particular indication of being valuable, commercially, as a source of pyrites.

Schreiber.

Some years ago a certain amount of development work was done on pyrites prospects near the north shore of Lake Superior, in the neighbourhood of Schreiber, a divisional point on the Canadian Pacific railway.

Mudge (Otisse) Prospect: Mining Location 776 X.—Mining claims T.B. 1048 and T.B. 1049 constitute, respectively, the northwest and southeast quarters of old mining location 776 X.

The recorded owner is J. D. Mudge, of Schreiber.

A rusty zone, or fahlband, crosses T.B. 1048 in a northwesterly direction. It is said to cross T.B. 1049 also, and to be traceable altogether for a mile or more. Many years ago a few shallow pits were sunk on what is now T.B. 1048. The largest of these is on the hillside south of a valley that runs east from the north end of Cook lake; it is about a mile and a half, or two miles north of Schreiber. The pit is about 12 feet deep and 12 feet long across the strike of the deposit, which here consists of a very fine-grained intimate mixture of pyrrhotite, pyrite, and, probably, magnetite.

A sample selected from the old dump yielded:—[1]

	Per cent.
Sulphur	28·6
Iron	42·5
Insoluble	10·2
Arsenic	0·02
Zinc	1·40
Copper	None.

An average sample of the dump taken by Fraleck,[2] in 1906, yielded 32·26 per cent sulphur.

The Davis Sulphur Ore Company: Mining Location R. 606.—This prospect is about a mile and a half, by good winter road, southeastward from Schreiber.

Fifteen or twenty years ago considerable work was done on it by the Davis Sulphur Ore Company, of 65 Wall street, New York (who are said to be still the owners), and a carload lot of pyrites was sent east for testing purposes. At that time it was purposed, should the deposit prove satisfactory on development, to build a tramway to Lake Superior, and ship the output by way of the Great Lakes.

The old workings consist of a shallow open-cut, or trench, that runs north along the strike of the deposit for about 100 feet; a shaft, now full of water, near the north end of the trench; and a short tunnel driven into the hillside beside a brook at the bottom of a gully below the shaft.

Both pyrites and pyrrhotite occur in the deposit, and there is considerable intermixed quartz. Copper is also said to occur, but no copper minerals were seen. The width of sulphides in the trench varies from 4 to 10 feet. A section from east to west, near the face of the open-cut, is as follows:—

Fine-grained, massive pyrites with some intermixed silica and pyrrhotite..3 feet.
Quartz, with disseminated pyrite and pyrrhotite..1 foot.
Massive pyrrhotite mixed with some rock, and quartz..4 feet.

The dip is to the east, at an angle between 50 and 60 degrees. Black cherty-looking rock forms the hanging wall; the foot-wall rock could not be determined, owing

[1] H. A. Leverin, analyst.

[2] Sixteenth Annual Report of the Ontario Bureau of Mines, 1907, p. 177.

to its altered condition and the drift covering. At the south end of the trench a porphyritic granite dike seemingly cuts off the deposit in that direction.

A sample across 3 feet of the purer looking pyrites on the east side of the trench yielded on analysis:—[1]

	Per cent.
Sulphur	27·48
Iron	41·54
Insoluble	13·40
Arsenic	0·02
Zinc	1·52
Copper	None.

The results of this analysis are not what would be expected from the appearance of the sample submitted.

There is considerable fairly clean looking pyrites on the old stock piles near the shaft, but much of the material is either massive pyrrhotite or rock heavily charged with pyrrhotite.

The dump at the mouth of the tunnel below the shaft consists entirely of black, graphitic slate, or shale, carrying a few small stringers of pyrites.

The Morley Prospect.—Under this heading Fraleck describes a prospect "situated about three miles southeast of Schreiber on the Canadian Pacific railway, and about two miles from the north shore of Lake Superior."[2]

According to J. D. Mudge of Schreiber, the Morley prospect is identical with R. 606, the Davis Sulphur Ore Company's claim just described; a statement that seems to be confirmed by the close correspondence of Fraleck's description with the present appearance of that property.

Mining Location R. 638: Ansell's Claim.—The southwest corner of mining location R. 638 is now held as mining claim T.B. 2381 by J. Ansell of Schreiber.

About 100 yards north of the Canadian Pacific railway track, a mile and a half east of Schreiber, a fahlband, lying between trap on the north and quartzite on the south, strikes westward across T.B. 2381. It dips north into the hill. Some strippings and shallow trenches expose pyrrhotite and small stringers of pyrite mixed through the fahlband rock.

A sample of the best looking of the mixed material yielded on analysis:—[3]

	Per cent.
Sulphur	27·25
Iron	40·06
Insoluble	4·00
Arsenic	0·008
Zinc	0·14
Copper	nil

Mining Location R. 425.—The fahlband that crosses T.B. 2381 outcrops again about a quarter of a mile east, on R. 425, where a short incline driven into the side of the hill north of the railway track exposes a vertical section of the rocks.

The incline is driven in a bed of quartzite that is overlain by trap and underlain by greenstone. A thin layer of pyritous, black graphite slate, or schist, separates the trap from the quartzite. A few small, irregular pockets of friable, granular pyrites occur in the quartzite and accompanying graphitic schist.

East of the incline, there are a number of strippings and shallow pits that show only small stringers of pyrites in the iron-stained weathered rock. The iron stain and gossan so conspicuous on the bare hillside are, in all probability, derived from disseminated pyrites and these small stringers.

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[1] H. A. Leverin, analyst.

[2] Sixteenth Annual Report, Ontario Bureau of Mines, 1907, p. 177.

[3] H. A. Leverin, analyst.

Sulphur Lake.—Fourteen miles north of Schreiber, a narrow fahlband, 2 miles or more in length, runs northeastward across Sulphur lake. Veins of pyrites, up to 2 feet wide and carrying low gold values, and pyrrhotite veins up to 3 feet wide occur in it.[1]

Jackfish.

Locations taken up for gold in the vicinity of Jackfish station, on the Canadian Pacific railway, are said to carry pyrites in such quantity as would possibly make them valuable as pyrites mines.

All the gold prospects in the vicinity have been idle for a good many years, and it was not found possible to obtain any information that would tend to confirm this statement.

Schist Harbour.

A mile and a half north of Schist Harbour, which is a few miles east of Jackfish, on the north shore of Lake Superior, Olie Nelson and others, of Fort William, have a number of mining claims, staked on a fahlband.

Narrow bands of fairly clean pyrites occur in it, but no bodies of commercial size and grade have yet been found.

Port Coldwell.

S. D. Crenshaw, of S. D. Crenshaw & Co., Richmond, Virginia, is reported to have an iron pyrites prospect near Port Coldwell, a fishing hamlet 25 miles east of Jackfish.

The property could not be located, nor could any information be obtained concerning it.

MISSINAIBI.

Smith-Travers-Laforest Prospect.

Information concerning this prospect was supplied by Mr. C. H. Hitchcock, geologist to Messrs. Smith and Travers, Sudbury.

The property consists of five mining claims, S.S.M. 1846 to 1850, lying northwest of Lake Manitowick, in township 45, range XXV, Algoma district. The Algoma Central railway runs 8 miles southwest of them.

The claims can be reached by canoe from Missinaibi station, on the Canadian Pacific railway, but Hawk Junction, on the Algoma Central railway, is closer to them.

The owners are T. E. Smith, T. Travers, and L. Laforest, all of Sudbury.

Heavy limonite gossan is found associated with a belt of siliceous, pyrite-bearing, iron formation that lies between acid and basic Keewatin schists. The upper part of the iron formation, next the basic schists, consists of quartz with disseminated pyrites, and, judging by the similarity of the geological conditions to those obtaining at the Goudreau pyrites deposits, is probably the hanging wall of any large bodies of pyrites that may exist. It is a hard formation that stands out on the surface, and so serves as an indicator.

The pyritous quartz formation extends from a small lake, called Pine lake, at the northwest corner of S.S.M. 1847, westward across S.S.M. 1846, and disappears into a swamp on S.S.M. 1849. It is about 1,500 feet long; the width has not been determined.

A second gossan-bearing belt of siliceous iron formation occurs to the north, crossing S.S.M. 1848 and S.S.M. 1850.

The best indications of the occurrence of bodies of pyrites are found in a shallow valley that follows the iron formation westward from Pine lake. Four pits on S.S.M.

[1] R. E. Hopkins, Twenty-fourth Annual Report, Ontario Bureau of Mines, 1915, p. 13.

1846 show compact limonite, but did not reach the underlying formation. A pit to the north, on S.S.M. 1848, shows siliceous iron formation, about half of which is pyrites.

SUDBURY DISTRICT.

Townships of Balfour and Creighton.

Along the northern edge of a low rocky ridge which, running southwestward across lots 6 and 7, concession I, of the township of Balfour, and lots 8 and 9, concession VI, of Creighton, about 3 miles south of the Canadian Pacific railway between Chelmsford and Larchwood stations, forms the southern boundary of the flat clay farm land that fills the Chelmsford basin, the existence of sulphide bodies is indicated by some large gossan-covered areas and the material lying around old prospect workings.

The deposits themselves are no longer accessible in the abandoned workings, and most of the information now available as to their nature is such as can be inferred from an inspection of the dumps. Pyrites, galena, zinc blende, chalcopyrite, quartz, calcite and other carbonates, appear to have formed the vein filling; black graphitic (Onwatin) slate the wall rock. Mottled (Onaping) tuff lies just south.

Some large chunks of clean looking pyrites can be seen on the dumps, and considerable bodies may possibly occur in the old workings or under the unexplored gossan-covered areas; but whatever value the deposits may have would appear to lie in their metallic contents rather than in the sulphur.

Lots 6 and 7, Concession I, Balfour Township: At the old workings on lot 6, concession I, Balfour township, said to belong to George Irwin, of Sudbury, zinc blende and galena appear to have been the minerals found in greatest abundance.

Heavy gossan covers considerable areas on lot 7 to the west.

Lot 9, Con. VI, Creighton Township: The dumps at the old shaft on this lot show mixed pyrites, zinc blende, galena, and chalcopyrite. Some of this material had been sacked for shipment, apparently as copper ore. There are also some large chunks of clean looking pyrites, now crumbling to pieces under the weather.

The property is owned by M. Meehan, of Sudbury, and Alphonse Olier, of Chelmsford.

DEPOSITS ACCESSIBLE FROM THE NATIONAL TRANSCONTINENTAL RAILWAY: WINNIPEG TO COCHRANE.

VERMILION LAKE.

Vermilion lake is about 5 miles west of the town of Graham, the junction point of the main line of the National Transcontinental railway with the branch line running to Fort William. The discovery, on the north shore of the lake, of the large body of pyrites that was later developed into the General Chemical Company's Northpines mine, led to considerable search being made in the vicinity for other similar bodies. Such deposits as have been found are described by E. S. Moore in the Twentieth Annual Report of the Ontario Bureau of Mines, 1911, pp. 204 to 207.

Tindall Claims.

Concerning these claims he says: "On the east end of an island in Vermilion lake, about eight miles west of Vermilion (Northpines) mine, there is a deposit of pyrite on what is known as Tindall's claims. On this island there is a pit upon a hill a few rods from the shore, in drift about 15 feet thick. In the bottom of the pit there is a vein about 2½ feet wide, composed of nearly solid pyrite. On the south side of the

vein the rock is a schistose quartz-porphyry, containing small crystals of pyrite. The rock on the north side could not be determined because of its altered condition and the drift cover. The drift overlying the pyrite is stained and cemented with iron oxide.....

"At a stripping on the lake shore the pyrite vein varies in width from three to four feet, but is not so pure as in the first pit mentioned. It carries some quartz, and cuts the schistise quartz-porphyry in such a way as to leave no doubt of its vein character. The strike of the vein is about 80 degrees, and this strike would carry it near the small island to the east of the one on which the vein is seen. No pyrite was found in place on this small island, but some iron-stained schist and a block of pyrite, more than 1 foot in diameter, were seen on the south shore. A further projection of the vein would carry it somewhere near the Vermilion (Northpines) pyrite mine, and it is possible that the two veins are located along the same general line of fissuring."

The Fanning Prospect.

Under the heading "The Fanning Prospect," E. L. Fraleck[1] describes an occurrence of pyrites "situated on the shore of Big Vermilion lake, eight miles west of the Michie (now Northpines) mine." In so far as can be learned, the only discovery of pyrites in the locality indicated by Fraleck is that on the Tindall claims, with which the Fanning prospect is probably identical.

Fraleck's description reads:[1] "some trenching through a blanket of boulder clay about 4 feet in thickness has been done at the extreme end of a point. High grade pyrite, in seams from 2 to 6 feet in thickness, is interbanded with graphitic shale. The deposit strikes east and west, and dips towards the shore to the north."

Mining Claim H.W. 762.

About three-quarters of a mile east of the Northpines mine, four pits have been sunk through drift on mining claim H.W. 762. The drift is stained with gossan, but no pyrites of importance is to be seen in place. A little banded quartz and magnetite occurs in one pit.[2]

Schmidt Claims: H.W. 778 and H.W. 779.

Mining claims H.W. 778 and 779 are about 4 miles northeastward from Northpines mine, close to the railway southwest of Pelican lake.

E. S. Moore says of them:—[3]

"On claims H.W. 778 and 779 there are some pits and trenches. The pit on H.W. 778 is about eight feet deep and runs into the side of a hill. The sulphide consists chiefly of pyrite, with a little pyrrhotite. In spots the pyrite is almost solid, but in other places it is much mixed with rock, either greenstone or altered quartz-porphyry, and an altered granite dike about one foot wide is associated with the deposit. It looks as if the sulphides, accompanied by a granite dike, had come in along a line of weakness between the acid and basic rocks.

"The pit on H.W. 779 is situated, with reference to the last pit described, in a line along the strike of the rocks. This pit is three feet deep by five in diameter and located on a mass of pyrite in schistose quartz-porphyry. Neither of these deposits has yet shown any claim to economic importance."

Some diamond drilling is said to have been done on these claims since Moore's report was written, but no authoritative information could be obtained on this point.

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[1] Sixteenth Annual Report, Ontario Bureau of Mines, 1907, p. 177.
[2] E. S. Moore, Twentieth Annual Report, Ontario Bureau of Mines, 1911, p. 207.
[3] Twentieth Annual Report, Ontario Bureau of Mines, 1911, p. 207.

MINNITAKI LAKE.

Minnitaki lake lies east of Vermilion lake and south of Graham. The Fort William branch of the National Transcontinental railway runs about 4 miles from the east shore, on which the pyrites deposits have been found.

Cross and Whelan Prospect.

The Cross and Whelan property comprises seven mining claims on the east side of Minnitaki lake, not far from the mouth of Minnikau river. It includes a point of land projecting westward into the lake from the east shore, the north part of Cranberry island, and the land under the waters of the lake adjacent to both point and island. The prospect is accessible by water from Graham, 10 miles northwest.

W. A. Cross and Jas. Whelan, both of Port Arthur, are the owners.

The outcrop of the deposit, on the lake bottom close to the north shore near the end of the point, is entirely covered with water; a knob of pyrites projecting through the ice at a time of low water led to its discovery. The rock on the shore adjacent to the outcrop is a grey, sericitic schist, through which a little pyrites is disseminated. South of the sericitic schist is green chlorite schist. The rock dips north, toward the lake, at an angle between 60 and 70 degrees; the strike is westerly. Development work shows that the dip of the pyrites is parallel to that of the schist.

A shaft, which is now full of water, has been sunk close to the shore—on mining claim K 608—directly opposite the outcrop in the lake. According to Mr. W. A. Cross, the shaft is 75 feet deep, and a cross-cut 80 feet long has been driven north from the bottom. At a point 50 feet from the shaft, the cross-cut entered mixed pyrites and rock, and, after passing through 10 feet of this mixed material, penetrated clean massive pyrites for 20 feet. The face of the cross-cut was still in clean pyrites when it was stopped, at a point 80 feet from the shaft, in November, 1917. There are about 100 tons of clean pyrite that should run over 40 per cent of sulphur on the dump at the shaft mouth.

Four shallow drill holes, spaced at intervals for about a mile along the strike, have also been put down to test the deposit. One, put down beside the shaft on K. 608, at an angle of 45 degrees, is said to have cut 80 feet of pyrites. Assuming the dip of the deposit to be 65 degrees, this 80 feet would correspond to a thickness of about 35 feet, measured at right angles to the walls.

A second hole, on K. 628, the next claim east, also pointing north at an angle of 45 degrees, is said to have passed through 18 feet of pyrites.

The third hole, still farther east, on K. 627, cut soft, pyritous, graphitic schist; but no solid pyrites.

The fourth hole was put down on K. 629, west of the shaft, on the northwest shore of Cranberry island. It is said to have cut four feet of pyrites.

Much more development work would appear to be well warranted on this prospect; that more has not been done appears to be almost entirely due to its, at present, somewhat unfavourable location with respect to transportation facilities.

STURGEON LAKE AREA.

Hornick Prospect.

R. S. Hornick, of Alfanwater P.O., Ontario, is the owner of three mining claims, T.B. 2201, 2356, and 2357, located on a band of pyritous rock that strikes northward along the west shore of Loch Gordon, a small, narrow lake whose northern extremity touches the National Transcontinental railway, a mile east of Staunton section house.

The rocks in which the pyritous band is found, are mapped by the Geological Survey as fissile biotite and hornblende-gneisses, and arkose, occupying an intrusive contact zone between Keewatin and Laurentian rocks.[1]

[1] Geol. Sur., Can., Map No. 993, 2nd. Ed., 1909.

The best exposures of the pyritous band are at the south end of Loch Gordon, on mining claim T.B. 2201. Here, heavy gossan outcropping along the west shore can be traced north into a swamp on T.B. 2357, and south into T.B. 2356. Numerous trenches have been dug in the iron-stained drift and honeycombed quartz that cover the deposit, but in few of them could unaltered formation be seen. Pyrites and pyrrhotite, mixed with more or less quartz, are to be found on the dumps. The dip of the rock varies from vertical to 40 degrees, west.

At the bottom of one pit, about 10 feet deep, there is 5 feet of pyrites mixed with a little quartz against the hanging wall, and about 8 feet of a poorer mixture of pyrites quartz and rock on the foot wall. A sample taken across the 5 feet of pyrites on the hanging wall yielded:—

	Per cent.
Sulphur	43·21
Iron	40·10
Insoluble	1·31
Arsenic	Trace.
Zinc	0·31
Copper	0·63

A second, parallel belt of iron-stained rock runs up the west side of T.B. 2201.

KOWKASH GOLD AREA.

In a report on "The Kowkash Gold Area," published in the Twenty-sixth Annual Report of the Ontario Bureau of Mines, 1917, pp. 223 to 225, P. E. Hopkins describes a number of occurrences of pyrites and pyrrhotite in that district.

The following extracts are taken from Hopkins' report:—

Whitefish Lake.

"A prospector, Phillip Gagnon, discovered a pyrite deposit, five miles to the southwest of Paska station, on the south shore of the extreme northeast end of Whitefish lake. The pyrite occurs about 300 yards south of a syenite hill, in black slates of the iron formation type, which strike southwest and northeast. Under three feet of water, and about fifteen feet from the shore, are two places which show massive pyrite, apparently of good quality and over a width of four feet. It grades, at the sides, into black slates covered by gossan in places and containing much disseminated pyrite, often in the form of rounded nodules. Some magnetite and pyrrhotite and a little chalcopyrite are also present in parts of the formation. The deposit warrants further exploration."

Lake Ste. Marie.

"A wide iron formation band of varying strike and dip occurs in the rhyolites around lake Ste. Marie, which is two miles to the southeast of Redmond station. The rocks have been greatly brecciated, permitting the circulation of sulphide solutions . . . Within 100 yards of the northeast shore of the lake, trenching has revealed a pyrite band 3 feet in width. A chipped sample across three feet yielded, on assay, 31·3 per cent of sulphur and $2.40 of gold to the ton. There was not enough work done to disclose the extent of the deposit."

Coleman Deposits.

"D. Coleman, a prospector, has located a pyrite deposit one-quarter of a mile north of mileage 55·7 on the railway. At this locality on the side of a large hill of cherty-looking rhyolite, is a vein-like deposit five feet in width containing considerable pyrite. . . . About 100 yards west of the pyrite showing, and on the south shore of a pond is a massive pyrrhotite body, five feet or more in width, from which samples gave, on assay, no values in gold, platinum or nickel."

McCann Claims.

These claims, T.B. 2808, 2809, 3,060, and K. 115, owned by J. C. McCann, of Kowkash, are 3 miles north of Paska station.

Hopkins says: "Mr. McCann has done several hundred feet of trenching near the III-mile post of Code's meridian line to Howard falls, in an endeavour to locate a pyrite deposit. The stripping has revealed gossan in the form of rusty sand and limonite below which is considerable pyrite and a mixture of pyrite and pyrrhotite, somewhat interbanded, in a cherty quartz-porphyry and altered iron formation. The deposit across 50 feet would run about 20 per cent of sulphur, there being a much larger amount of lower grade material. A sample of the massive sulphides contained no gold or nickel."

Willet Lake.

"Pyrite was discovered by the writer on the small pond four chains east of the east end of Willet lake. . . . The pyrite occurs disseminated through a "sugary" quartz-schist which strikes N. 70° W. and dips vertically. Ten feet of the deposit would run about 25 per cent of sulphur; a sample showed gold to be absent. If some trenching were done in this vicinity a workable pyrite deposit might be located."

Pyrrhotite Deposits.

Several large bodies of massive pyrrhotite occur in different parts of the district. In so far as they are known, they carry neither gold, nickel nor platinum, and are of no commercial importance.

"The largest body seen lies on the south central shore of *Marshall lake,* where an open-cut through shallow gossan reveals fifteen feet or more of pyrrhotite which contains a small amount of pyrite and quartz. . . . A mile and three-quarters northeast of Marshall lake, near *Lower Meta lake,* considerable work has been done on a rusty hornblende-mica schist containing much disseminated pyrrhotite."

A sample from a pit eight feet deep, three-quarters of a mile east of the eighty-fourth mile post on the east boundary of the Nipigon Forest Reserve, consists "largely of pyrrhotite with some pyrite and magnetite, an altered iron formation."

A pyrrhotite mass has been found also at *Rupert falls,* on the Kawashkagama (Kowkash) river.

Deposits Accessible from the Timiskaming and Northern Ontario Railway: North Bay to Cochrane.

Timagami Bay to Cochrane.

In a report on "Iron Ores of Nipissing District," W. G. Miller[1] draws attention to the possible future value, as sources of sulphur, of certain belts of pyrite-bearing rock that are found running roughly parallel to the iron ranges in the vicinity of Lake Timagami. The distance separating the pyritous belt from its accompanying band of iron formation is usually less than half a mile.

Some of the localities in which Miller reports such pyrites-bearing belts to occur are: *Snake lake, Turtle lake, Matagama point, Vermilion lake, O'Connor lake, Net lake, Heart lake, Kokoko lake, Austin bay, Cross lake,* and *Emerald lake.*

A sample of the pyrites in a pyritous band south of O'Connor lake yielded, on analysis, 35·91 per cent sulphur, and $1.20 in gold per ton; another, from the south shore of Vermilion lake, 30·31 per cent sulphur and $2 in gold per ton. A third sample, of mixed pyrites and rock, from the south shore near the eastern extremity

[1] Tenth Annual Report of the Ontario Bureau of Mines, 1901, pp. 160-180.

of the northeast arm of lake Timagami gave 26·2 per cent sulphur, 0·48 per cent copper, 0·27 per cent nickel, and $1.40 in gold per ton.[1]

O'Connor Prospect.

Mining claim W.D. 357, in the township of Strathcona, owned by J. T. O'Connor, of Sudbury, has been located on one of these pyritous bands, as a copper prospect. This prospect is on the south shore of the northeast arm of Timagami lake, about 2½ miles from Timagami station.

The pyritous band, which also carries pyrrhotite and a little chalcopyrite, can be traced northeastward across this claim and the next two claims to the east—W.D. 402 and W.D. 401; it parallels a band of iron formation that runs through Turtle lake, north of the northeast arm. The country rock is greenstone and green schists. In many places a felsitic looking rock—possibly ryholite—occurs on the foot-wall side of the pyritous zone. The dip is northwestward at varying, but usually low, angles.

Not far from the lake shore, on W.D. 357, there are seven or eight pits and open-cuts, from which some 1,000 tons of ore are said to have been taken; 542 tons are said to have been shipped to Grasselli Chemical Company's works at Hamilton in 1916. As seen in the pits, pyrites and rock are irregularly intermixed, widths of from four to six feet of fairly pure looking pyrites being accompanied by rock matter heavily charged with pyrites. Judging by its appearance, most of the material would require considerable culling to make a merchantable grade of pyrites.

A sample of the best looking ore taken from one of the piles yielded:—[2]

	Per cent.
Sulphur	39·40
Iron	43·55
Insoluble	11·55
Copper	1·17
Zinc	1·57
Arsenic	0·009

Analyses furnished by Mr. J. T. O'Connor, the owner, show: sulphur 20·12 to 39·4 per cent, copper 0·78 to 5·4 per cent, and 0·03 to 0·05 oz. gold per ton.

In the winter of 1916-17 eight diamond drill holes, aggregating 1,000 feet of drilling, were put down in the vicinity of the pits. Six of these are said to have passed through pyrites five to thirty feet thick. The drill cores were not analysed.

Test pits along the strike of the fahlband, on the east side of W.D. 357 and on W.D. 402, also show some fairly clean pyrites mixed with rock heavily charged with pyrites. A sample from one of these pits near the east boundary of W.D. 357 yielded:—[2]

	Per cent.
Sulphur	28·21
Iron	32·26
Insoluble	8·12
Copper	1·20
Zinc	1·47
Arsenic	0·007

Mandy Claim.

A deposit of pyrites occurs in the township of Cassels, a short distance inland from the east shore of Outlet bay of Net lake, on what is known locally as the Mandy claim, which in so far as could be ascertained, is identical with mining claim T.R. 1229.

Shallow pits and trenches, scattered over an area about 100 feet in diameter, disclose an irregular deposit, of undetermined extent, of mixed pyrites and quartz in

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[1] W. G. Miller, Tenth Annual Report, Ontario Bureau of Mines, 1901, p. 180.

[2] H. A. Leverin, analyst.

greenstone country rock. Some of the pyrites, which is fine-grained and massive, is quite clean looking, though most of it is mixed with considerable quartz. The unaltered pyrites is overlain by a thin capping of gossan and cellular leached quartz.

A sample of some of the better looking pyrites from one of the pits yielded, on analysis:—

	Per cent.
Sulphur	44·58
Iron	42·64
Insoluble	9·45
Arsenic	Trace.
Zinc	0·49

Northland Pyrites Mine: James Lake.

The Northland Pyrites mine, also known as the Rib lake, James lake, or Harris mine, is situated on the shore of James lake, about 10 miles north of Timagami station. A spur line, half a mile long, formerly connected the mine with the Temiskaming and Northern Ontario railway.

The deposit, discovered in 1903, was not developed until 1906, when shipment of pyrites commenced, and was continued with few interruptions until July, 1910, when the mine was abandoned, and the plant afterwards removed. No work has been done since 1910. The last two months before closing down, the mine was operated under lease from the owners—The Northland Mining Company of London, Ontario—by C. B. Stranahan of New York.

At the time of its abandonment the shaft had reached a depth of 300 feet, and levels had been driven at 100, 175, and 275 feet. On the first level, drifts had been carried 150 feet north and 250 feet south of the shaft; on the second level, 165 feet north and 200 feet south. Stoping had been done above all three levels. The stopes between the first and second levels were from 10 to 20 feet wide. In addition to that won from the underground workings, considerable pyrites was also mined from open-cuts southeast of the shaft. Most of the output went to Buffalo, N.Y.

The deposit in which the main shaft was sunk was a lens-shaped body enclosed—in a rusty belt, or fahlband—in soft green schist, about 100 feet east of its contact with a grey hornblende granite. The dip of the deposit, and of the enclosing schist, is west, at an angle of about 70 degrees. The only impurities in the pyrites were some small veinlets of quartz, and, in places, finely disseminated pyrrhotite. Massive pyrrhotite occurred on both walls of the lens.

Other lenses of pyrites have been found in the same pyritous zone, or fahlband, which is fairly strong and traceable for a quarter of a mile or more.

BOSTON TOWNSHIP.

Whelan Prospect.

Mr. P. Kirkegaard, Sun Life Building, Toronto, did some work during the summer of 1918 on a pyrites prospect, known as the Whelan claims, situated 2¾ miles east of Dane station on the Temiskaming and Northern Ontario railway. The workings are about 600 feet south of the road from Dane to Larder lake, on mining claim L. 7069, the northwest quarter of the south half of mining location M.R. 14, Boston township.

Here, the trees and brush have been cleared from an area about 150 or 200 feet square; the rock surface partly stripped, and several test pits sunk. The pyrites, mixed with much quartz, is found associated with a black, cherty, pyritous banded rock resembling iron formation, and greenstone, both of which are cut by small trap dikes. Acid eruptives also occur in the immediate vicinity; and the rocks appear to

have been much disturbed and altered. There are some pyrrhotite and magnetite in places. The mixed pyrites and quartz, as seen in the exposures, is in seemingly discontinuous bodies scattered without apparent order over the cleared area. Bands, or probably pockets, of pyrites, from a few inches to seven or eight feet thick, were measured in the various openings. Some small spherical nodules of pyrites, as well as disseminated crystals, are to be seen in the black chert.

The material in the ore piles is pyrites mixed with considerable quartz and some pyrrhotite. A general sample from one of the piles yielded, on analysis:—

	Per cent.
Sulphur	41·03
Iron	37·39
Insoluble	19·60
Arsenic	0·01
Zinc	0·20

About 100 feet north of the clearing, beside the trail leading to the Dane-Larder Lake road, a pit 10 by 20 feet has been dug about 14 inches deep in drift stained a deep red by iron oxides which may either have been washed down from the rocks exposed in the clearing, or have been derived from sulphides in place.

HEARST TOWNSHIP.

Two pyrites prospects in the township of Hearst are described by P. E. Hopkins, of the Ontario Bureau of Mines, in "The Canadian Mining Journal" for February 5th, 1919, p. 71, as follows:—

Mining Claim H.S. 904.

"A promising pyrite prospect occurs on Claim H.S. 904, or No. 2717 on Sharp creek, one-half mile from the southwest bay of Larder lake, in Hearst township. This is one patented claim of a group owned by the Combined Larder Mines, Ltd., in which James Hales, barrister, Imperial Bank Building, Toronto, is interested. The claims were extensively prospected near the surface for gold several years ago, but apparently with little success. In October, 1918, the writer, while examining some of the old workings, noticed that a mineral dump on the above claim, H.S. 904, consisted almost entirely of massive iron pyrites with some gossan. The shaft was full of water, but the owners reported the shaft to be 25 feet deep, with a 25-foot cross-cut at that depth, all of which were in pyrite. The dump consists mainly of fine-grained, massive, pyrite with occasional quartz and dolomite stringers carrying a little pyrrhotite and magnetite. An eight pound sample which was fairly representative of the dump yielded on analysis 43·00 per cent of sulphur and 40 cents of gold to the ton. About 100 yards northwesterly from the dump, with intervening drift covered surface, is a deposit of "sugary" quartz, and 100 yards farther along the same strike is a 30-foot shaft in a banded formation of "sugary" quartz with much pyrite and pyrrhotite. The rocks in the vicinity are dominantly green chlorite schists and pillow lavas. The deposit is apparently worthy of further development. It lies 12 miles distant from the Temiskaming and Northern Ontario Railway, and 1½ miles from the Associated Goldfields hydro-electric transmission line."

Mining Claim H.S. 913.

"Massive iron pyrite several feet wide was also seen in a 6-foot pit on claim H.S. 913 in the southeast part of Hearst township."

EBY TOWNSHIP.

Feick Prospect.

The Feick pyrites prospect is on the southwest quarter of the north half of lot 2, concession III of the township of Eby, 3½ miles due south of Kenogami station on the Temiskaming and Northern Ontario railway. It can be reached from Swastika, 5 miles distant by bush trail.

Harry O. Feick, of Kitchener, Ont., is the owner.

The rusty, weather surface of a fahlband striking northward has been uncovered over a length of 1,000 feet or more, and a number of trenches and test pits dug in the altered rock. One pit, 10 feet deep, in a gossan of limonite and cellular quartz, shows in the bottom a width of 10 feet of massive pyrites with some intermixed quartz. A sample taken for analysis yielded:—

	Per cent.
Sulphur	40·91
Iron	36·82
Insoluble	20·41
Arsenic	0·015
Zinc	0·20

The rocks in which the fahlband occurs are Keewatin: greenstones, schists, and iron formation. Intrusive syenite occurs a short distance to the east.

MAISONVILLE TOWNSHIP.

In the Twenty-third Annual Report of the Ontario Bureau of Mines, Part II, p. 34, A. G. Burrows says:—

"On lot 7, in the third concession of Maisonville the iron formation is much fractured and impregnated with iron pyrites, pyrrhotite and a little copper pyrites. A sample of pyrrhotite, on analysis, showed a trace of nickel. The rock in the vicinity is greatly oxidized, and this locality is worthy of prospecting for iron pyrites."

PORCUPINE AREA.

Bobs Lake Prospect.

A pyrites deposit of such extent as to have attracted attention to its possible economic value, outcrops on the south shore at the east end of Bobs lake, on lot 7, in concessions III and IV, Whitney township; about three-quarters of a mile east of South Porcupine station on the Porcupine branch of the Temiskaming and Northern Ontario railway.

The pyrites occurs in a band of siliceous iron formation that can be traced from the lake shore southwestward for a quarter of a mile. Associated with the iron formation are green schists interlaminated with acid eruptives, of which some of the latter are porphyritic. Diabase dikes cut all these rocks, pyritous iron formation included. On the lake shore, the dip of the pyritous band is to the northwest at an angle between 40 and 50 degrees; farther inland the dip becomes steeper.

In part the pyrites is massive and tolerably pure-looking, but most of it is finely disseminated through quartz. Pyrrhotite occurs with it in places. The best exposures are to be seen in three shallow pits, or open-cuts, on the lake shore; other pits farther inland along the strike show, for the most part, only gossan or lean iron formation. The width of the pyritous band could not be determined with certainty, but fourteen feet of the mixed pyrites and quartz are exposed at one place on the shore.

Of the following analyses (1) represents a sample of the purer portions of the band, (2) a general average of the exposure.[1]

	1. Per cent.	2. Per cent.
Sulphur	44·33	29·68
Iron	43·78	34·88
Insoluble residue	7·84	20·30
Zinc	0·10	0·54
Arsenic	0·007	0·009

In the winter of 1916-17 three diamond drill holes were put down through the ice, to explore for the deposit under the east end of the lake—on lot 6, concession IV. The two westerly holes are said to have penetrated pyrites, but no authoritative information is available as to the results obtained.

Moyer Veteran Claim.

About a mile southwestward along the general line of strike of the Bobs lake deposit, pyrites has also been found, in a small low outcrop barely rising above the soil at the northeast corner of the south half of lot 9, concession III, on the Moyer Veteran claim.

The deposit here occurs in the form of a band of highly pyritous schist. The schist strikes northeastward and the dip is nearly vertical. Drift covers the north side of the pyritous band, but parallel with it on the south side is a band of acidic eruptive rock, and, south of that again, green chloritic schist. A width of 18 feet of interlaminated pyrites and schist is exposed.

An average sample taken across this width yielded:—[2]

	Per cent.
Sulphur	26·10
Iron	42·07
Insoluble residue	5·62
Zinc	0·24
Arsenic	0·009

MCCART TOWNSHIP.

Dan O'Connor's Claim.

In 1916, Mr. Dan O'Connor, of Connaught, Ont., uncovered a showing of pyrites while prospecting for nickel on the south half of lot 7, concession V, of the township of McCart. The occurrence is about 3½ miles west of Nellie Lake siding on the Temiskaming and Northern Ontario railway.

The pyrites was found in some pits and trenches dug through the drift covering the bottom of a shallow valley, or longitudinal depression, in the rocks. These workings were full of water when the property was visited, and consequently not in a condition to afford much information. A large part of the material that had been blasted out was piled up alongside of them, however, and could be examined. This material is a black, cherty-looking, schistose rock through which spherical nodules of pyrites are rather sparingly scattered. In addition to the scattered nodules of pyrites, there are also, intercalated in the black schist, thin, pinching and swelling layers made up partly of nodular pyrites, and partly of quartz. The greatest thickness of pyrites seen in any of these layers was six inches; generally it was under three inches. Considerably less than one-half the volume of the material in the pile would be pyrites.

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[1] H. A. Leverin, analyst.

[2] H. A. Leverin, analyst.

M. B. Baker, who inspected the deposit when it could still be seen in the pits and trenches, says: "Scattered through the ash rock or tuff (black carbonaceous schist) are small, round, ball-like concretions of iron pyrites. They vary in size from that of peas to balls two inches in diameter. In places there is a layer six feet or more in thickness, where these ball-like concretions are so packed together as to be almost touching each other."[1]

A similar occurrence of nodular pyrites associated with quartz in graphitic schist, or slate, is that on the Nicuso Syndicate's pyrites claims, 14 miles southwest of English River station; others, on the Lake of the Woods, have been described by A. C. Lawson[2] and A. L. Parsons.[3]

1 Twenty-sixth Annual Report, Ontario Bureau of Mines, 1917, p. 272.

2 Geol. Sur., Can., Annual Report, 1885, p. 58 CC.

3 Twenty-second Annual Report, Ontario Bureau of Mines, 1913, p. 221.

NON-METALLIFEROUS MINES DIVISION.

I.

LIMESTONES OF ONTARIO AND QUEBEC.

Howells Fréchette, *Chief of the Division.*

The investigation of the limestones and dolomites of Ontario and Quebec was continued during the summer of 1918.

QUEBEC.

In view of the demand for dolomite in the Province of Quebec, and the scarcity of pure grades of this rock within a short haul of Montreal and other consuming centres, a week was devoted to re-examining certain districts where the best stratified dolomites had been observed during the regular course of this investigation.

The stratified dolomites of this Province belong, almost exclusively. to the Beekmantown formation and, as a rule, are highly siliceous. It was hoped that by a closer examination of certain areas, dolomites suitable for the production of dolomitic lime, or for use in the wood-pulp industry, might be found. The results of this examination, however, were negative.

There are a number of exposures of dolomite, probably of Beekmantown age, about 3 miles east of St. Elizabeth, Joliette county, to the south of the road leading to Berthier. The old quarry on the property of Mme. Ovide Farland was resampled. In a previous report the analyses quoted were obtained from "hand samples," hence it was deemed advisable to secure more representative "average samples." Sample 1 was taken from the upper bed, which is about five feet thick. This stone is light bluish-grey and of very fine texture. Beneath this occurs a layer of almost black spathic material, represented by sample 2. It is irregular in thickness, varying from two feet to almost nothing. Underlying this are heavy beds of a light brownish-grey, fine-grained, porous dolomite, closely resembling that which occurs near Carleton Place, Ontario. Sample 3 was taken from these lower beds which are exposed for a thickness of about six feet. Many exposures in the vicinity were examined, but no pure dolomites were encountered.

Sample Number.	1.	2.	3.
Insoluble siliceous matter	7·94	5·00	12·75
Ferric oxide	0·81	1·13	0·81
Alumina	1·67	0·15	0·99
Calcium carbonate*	56·19	60·86	68·39
Magnesium carbonate†	33·76	30·60	15·75
* Equivalent to lime	31·47	34·08	38·29
† Equivalent to magnesia	16·14	14·62	7·52

Exposures of rock were examined at various points along the river L'Assomption for several miles above Joliette. Such dolomites as were seen were decidedly impure, therefore no samples were taken for analysis.

On a previous visit, in the neighbourhood of Philipsburg, Missisquoi county, samples of dolomites which contained upwards from 7·8 per cent silica and insoluble

matter were secured. A further examination was made, and the two following samples were taken from what appeared to be the purest beds:—

Sample Number.	4.	5.
Insoluble siliceous matter	14·78	4·58
Ferric oxide	0·96	0·32
Alumina	1·44	1·08
Calcium carbonate*	50·12	53·70
Magnesium carbonate†	32·12	38·18
* Equivalent to lime	28·07	30·07
† Equivalent to magnesia	15·35	18·25

These samples were taken along a ridge on lot 4, West Parish, St. Armand township, Missisquoi county, to the southeast of the village of Philipsburg. Sample 4 represents a dark blue, fine-grained dolomite which is exposed over a considerable area. Sample 5 represents a fine-grained, light grey dolomite lying immediately to the east of the foregoing.

Since the first report on this district was published[1] the Canada Carbide Company, Limited, has opened a quarry on the farm of E. H. Morgan, lot 2, range IX, Stanbridge township. The quarry is between 600 and 700 feet long by about 50 feet wide. A spur line from the Grand Trunk railway serves the quarry. Drilling is done by tripod steam drills. From the quarry floor the stone is hoisted by means of a travelling crane and loaded directly into railroad cars. In June about forty men were employed in this quarry.

The stone is a very fine-grained, dark grey, high calcium limestone, of exceptional purity.[2]

Near St. Vincent de Paul, a quarry is being opened, and a very large and well-equipped crusher plant is in course of construction by the Laurin and Leitch Engineering and Construction Co., Ltd. Their works are situated on the south side of the Montreal-Quebec branch of the Canadian Pacific railway, about one mile west of St. Vincent de Paul station. At the time of my visit, work had not progressed sufficiently to enable samples to be taken. The stone is similar to that in N. Brunnet's quarry,[3] which is situated a short distance to the west.

ONTARIO.

The main part of the investigation of the limestones of Ontario was conducted in 1917, but at the close of the field season a number of scattered deposits of more or less importance remained to be visited. These were examined during 1918, and a few points were revisited for the purpose of obtaining additional information.

Lanark County.

Sample 6 is an average taken from extensive exposure of a very coarse-grained, white, crystalline limestone, on lot 29, con. VIII, North Elmsley township, near Otty lake. About ten years ago this stone was used for lime burning, but in recent years no quarrying has been done.

On lot 3, con. IV, Bathurst township, a small pot kiln has been built recently by Robert Tysick. No quarry had been developed in the late summer, but large exposures

[1] Mines Branch Summary Reports, 1914 and 1915.

[2] For analysis see Mines Branch Summary Report, 1914, page 44, sample 72.

[3] Mines Branch Summary Report, 1914, page 40.

of coarse-grained, crystalline limestone, exist close at hand. Sample 7 was obtained from an opening on the roadside, where stone had been quarried for road work.

Sample Number.	6.	7.
Insoluble siliceous matter	1·50	2·00
Ferric oxide	0·25	0·20
Alumina	0·15	0·20
Calcium carbonate*	89·23	91·72
Magnesium carbonate†	6·80	6·17
* Equivalent to lime	49·96	51·36
† Equivalent to magnesia	3·25	2·94

Hastings County.

Pre-Cambrian rocks underlie the greater part of Hastings county, extending from its northern boundary, southward, to within about 25 miles of the Bay of Quinte, where the Palæozoic limestones are encountered.

Within the Pre-Cambrian area there are many outcrops of crystalline limestone and dolomite. In the majority of cases these rocks are rather impure, containing tremolite, mica, or other silicates, and, sometimes, graphite. Some outcrops show clean material quite suitable for the production of lime, or for other industrial uses. Poor roads and long rail haul to consuming centres adversely influence the development of quarries in the northern section of the county.

Sample 8 represents the white marble in the waste piles at the quarries of the Ontario Marble Quarries, Ltd., on lots 29 and 30, con. X, Dungannon township. This company is in liquidation, and the quarries and mill were idle in July, but were later reopened, under lease, by the Bancroft Marble Quarries, Ltd.

Sample 9 was taken from an old quarry on the southern outskirts of Madoc, from which "black marble" was taken many years ago. The stone is a very dark blue, almost black, very fine-grained Pre-Cambrian limestone, which has undergone very little metamorphism. The beds, which dip vertically, are somewhat banded, and in places carry a small amount of pyrite. The spacing of jointing and bedding planes should permit quarrying blocks of fair size.

The boundary between the Pre-Cambrian and the Palæozoic rocks, which lie to the south, crosses the county in a somewhat irregular course extending from Crow lake eastward, south of Moira lake, and along the twelfth concession of Hungerford township. Numerous, more or less isolated outliers of Palæozoic limestones are seen to the north of this line, notably in the vicinity of Madoc, where they extend northward beyond Eldorado.

Along the northern fringe of the Palæozoic the overburden is light, and local escarpments offer good quarry sites.

Southward, to the shore of the Bay of Quinte, the rocks are exposed in only a few places, owing to the heavy overburden of drift. At Point Anne there are extensive quarries producing crushed limestone and limestone for cement making. At Belleville there is a small quarry from which stone is obtained for city public works, and some stone is taken from the bed of the Moira river for lime burning and other purposes.

In the interior, the only large quarries are situated along the Grand Trunk railway at Crookston. These are described by Parks in his report on building stone.[1] They are at present idle.

Sample 10 was taken from the twenty-foot face of the Gibson quarry, Crookston.

Sample Number.	8.	9.	10.
Insoluble siliceous matter	1·00	2·04	3·15
Ferric oxide	0·81	0·10	0·15
Alumina	0·69	0·10	0·05
Calcium carbonate*	58·20	91·78	88·78
Magnesium carbonate†	39·06	5·51	7·89
* Equivalent to lime	32·59	51·40	49·71
† Equivalent to magnesia	18·67	2·63	3·77

[1] Pages 218 to 220, Report No. 100, Mines Branch.

Ontario County.

Trenton limestone is exposed in low cliffs along the southeast shore of Lake Simcoe, in the township of Thorah. On lot 22, concession I, about six feet of strata are exposed. The beds are thin, the thickest being six inches, and there is much shale in the upper portion. Sample 11 is representative of the lower four feet. The overburden averages about ten feet.

Sample Number.	11.
Insoluble siliceous matter	6·90
Ferric oxide	0·81
Alumina	0·59
Calcium carbonate*	89·50
Magnesium carbonate†	0·80
* Equivalent to lime	50·12
† Equivalent to magnesia	0·38

Between this occurrence and Lake Ontario no exposures of limestone were observed.

Wellington County.

The plant of the Elora White Lime Company, at Elora, was revisited. At the time of my previous visit this plant was undergoing alterations A Shaffer continuous hydrator has been installed, and the battery of kilns increased from four to five; the new kiln having a capacity of from thirteen to fifteen tons per day. A lower cut is being made in the quarry, with the object of securing stone of more uniform quality and freer from calcite inclusions. Number 12 is a sample of the upper loose beds of the old workings in which there are many small cavities lined with calcite crystals. Sample 13 represents the blue bed near the old floor of the quarry. Sample 14 was taken in the new part of the quarry and represents the upper four feet of the new face.

Sample Number.	12.	13.	14.	15.
Insoluble siliceous matter	1·20	1·80	1·10	0·20
Ferric oxide	0·35	0·30	0·30	0·40
Alumina	0·05	0·10	0·70	0·20
Calcium carbonate*	57·10	52·46	54·60	57·10
Magnesium carbonate†	40·45	43·48	43·16	42·02
Alkalies	0·46	n.d.	n.d.	n.d.
Combined water	0·20	n.d.	n.d.	n.d.
*Equivalent to lime	31·99	29·39	30·59	31·97
†Equivalent to magnesia	19·34	20·79	20·64	20·08

Sample 15 is representative of the lower six feet in the quarry of J. L. Maloney,[1] situated on the south side of the Canadian Pacific railway, about one-half mile west of Puslinch station.

Lincoln County.

During 1918 the Imperial Munitions Board obtained stone from the old Gibson quarry,[2] on lot 14, concession VI, Clinton township. Sample 16 is representative of the stone from this quarry.

Sample Number.	16.
Insoluble siliceous matter	0·40
Ferric oxide	0·48
Alumina	0·32
Calcium carbonate*	54·25
Magnesium carbonate†	42·16
*Equivalent to lime	29·38
†Equivalent to magnesia	20·15

[1] See page 36, Mines Branch Summary Report, 1917.

[2] See page 37, Mines Branch Summary Report, 1917

II.

(a) INVESTIGATION OF GRAPHITE AND THE GRAPHITE INDUSTRY. (b) MICA FOR CONDENSER PLATES.

HUGH S. SPENCE.

Graphite.

The preparation of the report on graphite—commenced last year—was continued, and many of the mines and mills revisited in order to collect additional data. Several new properties in process of development were visited, also a number of manufacturers of graphite products, both in Canada and the United States. The data collected have been embodied in the writer's report "Graphite" which is to be published by the Mines Branch, and which will shortly go to press.

While little activity was shown in the graphite mining industry during the war period, there are, at the present time, signs of a revival of interest in the possibilities of Canadian graphite. The concentration of flake graphite ores has always been attended with many difficulties, and the mill methods in use have proved so inefficient—both from the point of view of the grade of product made and the cost of production—that few operators have been able to work at a profit. As a result, the record of Canadian graphite has, for the most part, been one long series of failures; notwithstanding the fact that Canadian flake ores compare favourably with any on the American continent, and that far lower grade material has been worked successfully in the United States.

Considerable attention has been devoted in the past two years to the possibilities of oil flotation for concentrating graphite, and the results obtained both on an experimental scale and in actual mill practice have demonstrated that this method offers probably the cheapest and most efficient means of treating graphite ores that has yet been devised. The Callow system of oil flotation has lately been installed in several Canadian mills, and is under consideration by others. In addition, there is a prospect that various abandoned properties, and others hitherto undeveloped, may be opened up; oil flotation being the concentration method to be followed. Many of the flake ore deposits—more particularly the gneissic bands of the Buckingham district, Province of Quebec—offer undoubted possibilities provided a satisfactory method of concentration can be devised.

Mica.

During 1918, the Imperial Ministry of Munitions, being confronted with a shortage of high grade mica suitable for magneto-condenser plates, approached the Canadian Government with a view to ascertaining whether supplies of such mica were obtainable from Canada. In response to this inquiry, the Mines Branch transmitted—through the Imperial Munitions Board—samples of mica representative of the grades procurable from Canadian deposits. The sheets were tested for their dielectric strength by the Imperial authorities, and a report on the results obtained was received by the Mines Branch. The report submitted showed, that certain of the samples—notably those from British Columbia—were eminently suitable for the purpose indicated. An endeavour was made to interest owners of mica mines and claims with a view to obtaining supplies, but before any further action could be taken, a notification was received from the British Government, intimating that owing to lack of bottoms, the project of securing mica supplies from Canada had been abandoned.

III.

SILICA AND MOULDING SAND RESOURCES OF EASTERN CANADA AND SALT IN NOVA SCOTIA.

By L. Heber Cole.

The investigation of the silica and moulding sand resources of eastern Canada was continued during the field season of 1918. On April 2, at the request of the Imperial Munitions Board for data regarding deposits of silica in Quebec suitable for use in the manufacture of ferro-silicon, I began a special investigation of the silica deposits located in the vicinity of Notre-Dame-des-Anges, and in the Kamouraska district on the south shore of the St. Lawrence, about 70 miles northeast of the city of Quebec. A special report on these two districts was prepared, and handed to the Imperial Munitions Board, and the owners, immediately on my return to Ottawa.

In continuation of the regular investigation, I proceeded on the 10th of June to examine the area lying to the north of the Ottawa river, between Buckingham and Montreal; and then, until the middle of August, spent the time visiting silica and moulding sand deposits in southern Ontario in the district west of Ottawa.

On the 20th of August I went to Fort William to examine the silica occurrences in that district, and also took a short trip up the Wolfe river from Dorion station, 60 miles east of Port Arthur, where I sampled several rocks in that vicinity to determine their suitability for building stones. On my return trip, some quartz and quartzite deposits in the Georgian Bay and Sudbury districts were examined, as well as localities in the vicinity of Cobalt.

On the 2nd of October I proceeded to the Maritime Provinces, and spent three weeks investigating some silica sands and moulding sand deposits in New Brunswick and Nova Scotia.

The field work ended on the 31st of October.

PRELIMINARY REPORT ON THE SILICA DEPOSITS OF EASTERN CANADA.

The silica deposits of Canada have not been exploited to any great extent in the past, and it is only within the last few years that any systematic investigation has been made of any of them with a view to ascertaining their economic value. The attention of the Mines Branch has been concentrated on many of the more promising localities in which silica deposits are to be found, and considerable data have been gathered in the field, with the intention of incorporating the information thus obtained in a bulletin to be entitled "Silica in Canada." The field work so far accomplished in connexion with this investigation has covered the principal localities east of Fort William. Many of the deposits were determined, in the field, as unsuitable for any known commercial use, but wherever there was the slightest possible chance of a deposit being of commercial value, samples were taken for further examination in the Mines Branch laboratories. A number of these proved, on preliminary tests, to be unsuitable, hence no further trials of these will be made. Others give promise of being capable of utilization in one or other of the many forms in which silica is applied in manufacturing and other industries. Altogether, over 100 samples were obtained from representative deposits throughout eastern Canada: consisting of vein quartz, quartzites, sandstones, natural sands, flints, and diatomaceous earth. In order that the results obtained may be promptly available the following preliminary report on the silica deposits of eastern Canada is given:—

Silica.

Silica, sufficiently pure for industrial purposes, occurs in the following forms:—

(*a*) Quartz crystals.
(*b*) Vein quartz.
(*c*) Flint.
(*d*) Quartzite.
(*e*) Sandstone.
(*f*) Sands.
(*g*) Diatomaceous earth.

The utilization of silica in many important industries is varied, and each industry requires the material in a particular form. Thus silica obtained from any of the above forms of occurrence will be best suited to a particular use. The selection of any special form of silica will also depend a great deal on the local conditions, such as availability, transportation facilities, etc.

The more important uses of silica, and the requirements of the several industries, will be dealt with at length in the final report, hence will only be enumerated here. The principal industries employing silica in one form or another are:—

(i) Glass industry.
(ii) Pottery industry.
(iii) Enamelling industry.
(iv) Paint industry.
(v) Smelting industry.
(vi) Manufacture of ferro-silicon.
(vii) Manufacture of carborundum.
(viii) Manufacture of silica brick.
(ix) Manufacture of sodium silicate.
(x) Steel foundries.

Ontario.

The more important occurrences of silica in the Province of Ontario are in the form of sandstones, quartzites, and vein quartz, deposits of which occur in many parts of the province. The main areas will be briefly described.

THE ORISKANY SANDSTONE AREA.

The Oriskany sandstone, the lowest recognized Devonian formation found in Ontario, occurs in isolated and patchy outcrops in a narrow area running from Fort Erie westward to the vicinity of Hagersville. The most important development of this formation is found in the vicinity of Nelles Corners, where it outcrops over several square miles in the townships of North Cayuga and Oneida in Haldimand county. In this area the beds vary in thickness from 1 foot to 20 feet, and rest on dolomite. There is usually very little stripping to be done to expose the beds which are lying horizontally. The rock itself is usually massive and coarse-grained, easily friable, and the colour ranging from a creamy white to yellowish. The friability, and high silica content of this rock, has led to its exploitation as a silica sand; and one company, already, has a plant in operation on lot 49, con. 1, tp. Oneida; and another company is contemplating the erection of a plant nearby.

This area was visited, and a number of samples taken, and material analysed with the following results:—[1]

—	1738	1739	1740	1741	1742	1826	1827
Silica (SiO_2)	87·94	98·78	94·20	79·20	92·59	93·65	89·45
Iron oxide (Fe_2O_3)	·15	·17	·41	·49	·18	·28	·24
Alumina (Al_2O_3)	·54	·09	·39	·61	·08	·22	·06
Lime (CaO)	.. ....	04	2·80	10·20	.....	2·10	4·20
Magnesia (MgO)	... .	·10	tr.	1·25	.....	·22	·29
Calcium carb. ($CaCO_3$)	5·87	....	.. ..	....	3·59	.....	.....
Magnesium carb. ($MgCO_3$)	·44	.....	.....	... .	·51	....	.....
Loss on ignition	·29	·42	2·00	8·00	·27	1·70	4·20
Totals	95 23	99 60	99·80	99·76	97·22	98·17	98·44

1738. Run of pit (unwashed). Oneida Lime Co., Nelles Corners, Ont., lot 49, con. I, tp. Oneida, Haldimand co.

1739. From outcrop just north of mill (unwashed). Oneida Lime Co., Nelles Corners, Ont.

1740. Crushed and washed sandstone as shipped from mill of Oneida Lime Co., Nelles Corners, Ont.

1741. Material washed out of crushed sandstone and at present allowed to go to waste. Oneida Lime Co., Nelles Corners, Ont.

1742. From north side of quarry to east of mill (unwashed). Oneida Lime Co., Nelles Corners, Ont.

1826. Sandstone (unwashed). North end of S.W. ¼, lot 49, con. I, tp. Oneida, Co. Haldimand, Ont. Consolidated Plate Glass Co.

1827. Sandstone (unwashed). Average sample from the south ½ of lot 4, con. I, tp. of Oneida, and N.W. ¼ of lot 46, con. 1 N., tp. of North Cayuga, Co. Haldimand, Ont.

These rocks carry a considerable amount of lime as a bonding material, and as can be seen from the above analyses the material from different parts of this area vary considerably in composition. The ease with which the material can be crushed to a sand, and the possibility of removing much of the impurities by washing, serve to increase the silica content, and to make the material suitable for some of the silica using industries.

To the west of Hagersville, Ont., there are sandstone beds exposed on the farm of S. W. Winger, on lot 6, con. XIV, tp. of Walpole, county of Haldimand. These beds are very similar in appearance and structure to the Oriskany sandstone near Nelles Corners; but they are classified by C. R. Stauffer as being the Springvale sandstone of the Onondaga series. A general sample was taken from the face of the ridge in the field just north of Winger's barns, and analysed with the following results:—

—	SiO_2	Fe_2O_3	Al_2O_3	CaO	MgO	Loss on Ignition	Total
1828	98·30	·24	·36	·40	tr.	·20	99·50

To the east of Port Colborne, Ont., on lot 13, Lake Erie front, Bertie township, there is a limestone quarry owned by the Standard Crushed Stone Co. Resting on top of the limestone in this quarry as a 2½-foot bed of siliceous material which is practically a flint. A sample of this material was taken and analysed:—

—	SiO_2	Fe_2O_3	Al_2O_3	CaO	MgO	Loss on Ignition	Total
1829	85·35	·52	·68	5·40	·46	5·30	97·71

[1] The analyses throughout this summary were made by either Mr. F. W. Baridon or E. A. Thompson, of the Mines Branch.

This material is too high in fluxing impurities to be suitable for use in the pottery industry, but is of interest, because this bed occurs at other localities in this area and it is possible that other outcrops where the material is purer may be found.

MILTON AREA.

There is a band of whitish-grey sandstone in the Medina formation in the vicinity of Milton, Ont., running north to Forks of Credit, which has an average thickness of about 12 feet. This material is well exposed in the quarry of D. Robertson and Co., on lot 3, con. VII, township of Nassagaweya. The sandstone is very fine-grained, and rests on shales, and is capped with a considerable thickness of beds of limestone. The material is very irregular in composition, but an average sample was taken for analysis:—

—	SiO_2	Fe_2O_3	Al_2O_3	CaO	MgO	Loss on Ignition	Total
1833.....	91·90	·45	3·65	1·70	·22	·90	98·82

THE PORT ARTHUR AREA.

The district in the vicinity of Port Arthur contains numerous beds of sandstone of Keweenawan age, which are more or less friable, and which range in colour from dark brown to creamy white. Only a few exposures could be visited in the time available, consequently, although the samples taken were from the creamy white variety, it is possible that localities will yield a rock freer from impurities than the samples analysed.

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Totals.
1835.....	91·30	·32	4·08	1·90	·72	1·70	100·02
1837.....	92·40	·64	·16	2·40	·61	2·00	98·21
1842.....	81·00	·89	9·31	3·20	1·26	2·40	98·06

1835. Sandstone (unwashed) from the property of Malcolm Watty on the Wolf river, 7 miles north of Dorion station, a point on the C. P. railway, about 50 miles east of Port Arthur, Ont.

1837. Sandstone (unwashed) from Simpson Island quarry, Lake Superior, Ont. Sample obtained from stonecutting yard, Port Arthur, Ont.

1842. Sandstone (unwashed) from quarry near entrance of Black bay, Ont., approximate location being 86° 31′ 05″ longitude and 48° 33′ 10″ latitude.

THE GEORGIAN BAY AREA.

In the territory lying to the north of the Georgian bay, there are extensive deposits of massive quartz and quartzites, which run high in silica, and which are suitable for the manufacture of silica brick, ferro-silicon, or as a flux in the copper-nickel smelters. Already the quartzite from Killarney is being quarried for ferro-silicon manufacture; and the quartzite occurring in the vicinity of Bellevue station on the Algoma Central railway, north of Sault Ste. Marie, is being utilized by the Algoma Steel Corporation, for the manufacture of silica brick. Quartz from the vicinity of the nickel deposits

of the Sudbury region, is being used as flux in the smelters. Samples taken analysed as follows:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Totals.
1839	96·80	·41	1·60	1·00	·36	·30	100·47
1840	98·20	·49	·61	·70	·29	·20	100·49

A sample of calcareous sandstone was also obtained from the Quebec shore of Lake Timiskaming, directly opposite Haileybury, Ont., and analysed:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Total.
1841	41·15	1·05	8·15	15·50	6·01	25·40	97·26

This sample was taken from the rocks in place on the shore, but I have been informed that on weathering, this material becomes white, and that when the water in the lake is low, the sandy beach at this point is composed of a very pure white sand. A marketable material might be obtained by dredging.

THE QUARTZ OF THE ARCHÆAN AXIS.

The area in lower Ontario, in which the ancient crystalline rocks may be found, lies to the eastward of a line from Kingston to the Georgian bay, and west of a line running from a point on the St. Lawrence river west of Brockville, in an irregular manner to the Ottawa river near Arnprior. Through these crystalline rocks many deposits of quartz are found associated with feldspar and a number of these were sampled as well as several quartzite deposits in the same area. The results of the analysis of these samples are as follows:—

Number.	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Totals.
1726	94·35	1·74	2·56	·20	·14	·50	99·49
1810	94·10	·45	·70	2·10	·94	·60	98·89
1811	98·70	·32	·33	·40	none.	·20	99·95
1818	99·15	·24	·01	·50	none.	·05	99·95
1819	99·30	·14	·01	·10	trace.	·25	99·80
1820	99·20	·10	·03	·20	none.	·22	99·75
1821	99·25	·08	·02	·05	none.	·20	99·60
1822	98·00	·17	·18	·85	none.	·40	99·60
1824	99·15	·21	·29	·30	trace.	·15	100·10
1825	98·30	·16	·04	·55	none.	·40	99·45
1859	97·72	·32	1·08	none.	·32	·38	99·82

1726. Quartzite from the south ½ of lot 22, con II, tp. of Elizabethtown, Leeds co., Ont.

1810. Quartzite from N.E. ½ of property owned by T. B. Caldwell, Lanark, Ont., situated 1½ miles N.W. of Clyde Forks station, Ont.

1811. Quartzite from the S.W. ½ of property owned by T. B. Caldwell, Lanark, Ont., situated 1½ miles N.W. of Clyde Forks station, Ont.

1818. Quartz from lots 12 and 13, con. VIII, tp. of South Sherbrooke, Lanark co., Ont.

1819. Quartz from property owned by Rinaldo McConnell, lot 6, con. VI, tp. South Sherbrooke, Lanark co., Ont.

1820. Quartz, south ½ lot 9, con. IV, tp. South Sherbrooke, Lanark co., Ont.

1821. Quartz from lot 16, con. XI, tp. of Portland, Frontenac co., Ont.

1822. Quartz from west ½ lot 16, con. X, tp. of Portland, Frontenac co., Ont.

1824. Quartz from the east ½ of lot 5, con. X, tp. of Madoc, Hastings co., Ont.

1825. Quartz from lot 3, con. IV, tp. of Elzevir. From the east bank of the Moira river just north of Actinolite, Ont.

1859. Quartz, lot 22, con. II, tp. of Dungannon near Turiff station, on the C.O. railway, branch of the C. N. railway, about 75 miles north of Trenton, Ont.

The material from any of these deposits is of sufficiently high grade to be utilized for the manufacture of ferro-silicon, or in the pottery industry.

THE POTSDAM SANDSTONE AREAS.

Along the eastern flank of the Archæan Axis, numerous beds of sandstone, of Potsdam-Beekmantown age, are to be found. These beds exhibit great diversity in character, and irregularity in bedding. They are seen as scattered and isolated outcrops from the vicinity of Brockville to Westport and throughout the district north of Kingston; also along the Rideau lakes to Smith's Falls and Perth, and northward to Carleton Place and Almonte. An isolated occurrence of some extent is also to be found in Nepean township. These deposits of sandstone may be tentatively grouped under the following areas:—

KINGSTON AREA.

In the vicinity lying between Kingston and Gananoque, on the St. Lawrence river, and running northwest to Sydenham, there are numerous outcrops of Potsdam sandstone, which were examined; and in a number of cases were found to be fairly white, and uniformly free from iron stains. In several of the outcrops sampled, the white beds were of considerable thickness, and could be readily quarried without having an excessive amount of waste material.

WESTPORT AREA.

In the district around Westport and Newboro, in the townships of North Crosby and South Crosby, there is an extensive exposure of fine-grained sandstone. In many places this sandstone is badly stained with iron oxide, but a number of outcrops were noted and sampled, in which certain beds appeared comparatively free from impurities. This material crushes readily to the natural grain of the sand, which is between the 16 and the 100 mesh.

PERTH—SMITH'S FALLS AREA.

In the neighbourhood of Perth, and between Perth and Smith's Falls, another sandstone area was visited. The iron stained beds noted in the Westport area are also to be found in this area, and the white beds are also present, although they are not so numerous nor so thick.

NEPEAN AREA.

About 9 or 10 miles to the west of Ottawa, a number of quarries have been operated for a considerable time, producing building stone and paving blocks. The waste material from these quarries will average about 95 per cent silica; and in certain beds a white rock can be obtained which crushes readily into sizes suitable for the manufacture of glass.

The samples obtained from these several areas were analysed with the following results:—

Number.	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Totals.
1719	97·01	·18	·81	·25	·19	·74	99·18
1720	97·40	·39	1·21	·07	·14	·50	99·71
1724	97·91	·19	·80	·14	·12	·35	99·51
1725	98·47	·17	·25	·40	·09	·19	99·57
				$CaCO_3$.	$MgCO_3$	(H_2O 105°).	
1727	95·35	·27	1·11	2·86	·39	·24	100·22
1728	97·76	·60	·54	·19	·34	·56	99 99
1731	98·57	·15	·38	·34	·21	·49	100·14
1732	98·00	·19	·16	·40	none.	1·10	99·85
1735	98·50	·28	·34	·28	·11	·42	99·93
1747	98·77	·20	·06	tr.	·04	·19	99·26
1753	98·80	·12	·18	none.	none.	·40	99·50
1809	96·54	·57	2·08	·55	none.	·10	99·84

All these analyses were made on the crude material.

1719. Sandstone, Leeds co., Centre of lot 8, con. VII, tp. of North Crosby, Ontario.

1720. Sandstone, Leeds co., lot 15, con. I, tp. Crosby S., and lot 29, con. V, tp. Bastard, Ont.

1724. Sandstone, Lanark co., south ½ lot 11, con. VIII, tp. of N. Burgess, Ontario.

1725. Sandstone, Lanark co., south ½ of lot 26, con. X, tp. of N. Elmsley, Ontario.

1727. Sandstone, Leeds co., from cliff on shore of St. Lawrence river, on S. ½ lot 36, con. I, tp. Elizabethtown, Ont.

1728. Sandstone, Frontenac co., lot 19, con. X, tp. of Loughborough, Ontario.

1731. Sandstone, Frontenac co., lots 9 and 10, con. VII, tp. of Loughborough, Ontario.

1732. Silica sand, Frontenac co., lot 10, con. VII, tp. of Loughborough, Ontario.

1735. Sandstone, Frontenac co., north ½ lot 16, con. VII, tp. Pittsburgh, Ontario.

1747. Sandstone (salmon colour) north ½ lot 16, con. VII, tp. of Pittsburgh, Ontario.

1753. Sandstone, Nepean Sandstone Quarries, Ltd., South March (Carleton Co.), Ontario.

1809. Sandstone, from property of J. Menzies, Perth, Ont., on the north bank of the Tay canal, 1½ miles east of Perth, Ontario.

Quebec.

Silica is also found in the Province of Quebec in deposits of sandstone, vein quartz and quartzites. The principal deposits are to be found in the following areas:—

POTSDAM SANDSTONE AREA IN SOUTHWESTERN QUEBEC.

The Potsdam sandstone which is so largely developed near the New York border, between Huntingdon and Hemmingford, as well as along the St. Lawrence and Ottawa rivers, is in many places fairly free from iron oxide. The grains of the rock are small, and, in most cases, the material crushes readily. The best exposures with reference to transportation are to be found in the vicinity of Beauharnois, Melocheville, Cascades point, and in the area lying between the St. Lawrence river and Lake of Two Mountains. North of the Ottawa river, a number of outcrops are conveniently situated with reference to the several different railways: notably those at St. Canute and St. Scholastique. Material from these deposits has been used in Montreal and elsewhere for the manufacture of bottle glass; for steel foundry work; and for furnace linings. A number of samples were taken from this area and analysed:—

Number.	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Totals.
1704	87·70	·94	4·42	·25	·24	·13	93·68
1705	96·48	·66	·32	·20	·20	20	98·06
1706	89·62	·85	3·73	·26	·15	·69	95·30
1707	93 12	·81	2·57	·22	·20	·35	97·27
1708	96·56	·29	·90	·10	·12	·19	98·16
1710	97·54	·24	·28	·10	·10	·14	98·40
1711	65·90	·49	1·11	11·00	6·12	15·00	99·62
1712	94·80	·40	·10	1·50	·36	·30	97·46
1713	89·70	·65	5·45	2·10	·48	·80	99·18
1714	97·08	·39	·55	·18	·20	·31	98·66
1715	98·25	·16	·17	·70	—	·35	99·63
1750	98·07	·35	·10	·03	·27	·32	99·14
1815	99·20	·48	·07	·05	none.	·20	100·00
1816	92·40	1·05	2·95	·50	·29	·70	97·89
1817	94·40	1·05	1·66	1·00	·18	·40	98·69

1704. Sandstone, Huntingdon co., Covey Hill, Que., on the farm of Chas. Brisbin, ½ mile to south of east and west road.

1705. Sandstone, Huntingdon co., on main road between Hemmingford and Vicars, Que., 7 miles west of Hemmingford, Quebec.

1706. Sandstone, Huntingdon co. on east and west road, about one mile west of Maritana, Quebec, on farm of Joseph Foyer.

1707. Sandstone, Huntingdon co. Franklin Centre, Quebec, from bottom of east branch of Ontario creek just north of bridge.

1708. Sandstone, Chateauguay co., on north and south road 4½ miles south of Ormstown, Quebec.

1710. Sandstone, Huntingdon co., on east and west road, 2½ miles west of road from Hemmingford to Barrington, Quebec.

1711. Calcareous sandstone, on road to Mitchell's Corners, 1 mile east of St. Armand station, Quebec.

1712. Silica sand from the farm of G. H. Brooks, lot 6, in the 3rd range of Russelltown, Chateauguay co., Quebec.

1713. Silica sand from the farm of B. Roberts, 2½ miles west of Russelltown, Que., on the road to Stockwell, Que.

1714. Sandstone, Beauharnois co., from quarry of Montreal Sand and Gravel Co., Melocheville, Quebec.

1715. Crushed and washed sand, Montreal Sand and Gravel Co., Melocheville, Que.

1750. Sandstone, Beauharnois, Quebec, from the farm of W. H. Roberts.

1815. Sandstone from the Stinson-Reeb quarry, St. Canute, Quebec.

1816. Crushed sandstone as it comes from the quarry of the Cascades Silica Products Co., Cascades Point, Que.

1817. Washed silica sand as produced by the Cascades Silica Products Co., Cascades Point, Quebec.

A study of these analyses shows that the samples from the southern part of the area run rather high in alumina and iron for commercial use. Number 1711 is a sandstone with well rounded grains embedded in a calcareous bond.

BUCKINGHAM AREA.

In this area are included the outcrops of Potsdam sandstone occurring in the vicinity of East Templeton, the quartz associated with feldspar from the Lievre River district, and the quartzite associated with the kaolin from the property of the Canadian China Clay Co., at St. Remi d'Amherst, Que.

The sandstone occurs as a prominent ridge near the Canadian Pacific railway line running from Ottawa to Montreal. It is iron-stained in many places but is readily crushed and it is possible that it can be washed to a fairly clean and pure product. The quartz of this area is found associated with feldspars in numerous small outcrops on many of the farms of the Lievre district. It is being quarried in the winter by the

farmers and sold to the Electric Reduction Company at Buckingham, Que., where it is utilized as a flux in the preparation of phosphorus.

On the property of the Canadian China Clay Co., St. Remi d'Amherst, Que., the wall rock of the main kaolin deposit consists of a highly shattered quartzite, carrying from 5 to 12 per cent kaolin in the fractures. This material is capable of being washed to a sand which runs over 99 per cent silica.

The following samples were taken from this area and analysed:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Totals.
1861	98·75	·56	·24	none.	·15	·20	99·90
1812	99·00	·41	·14	·15	none.	·20	99·90
1754	96·30	·46	1·49	·20	trace.	1·10	99·55
1814	99·09	·32	·12	·09	trace.	·20	99·82

1861. Sandstone (unwashed) from the property owned by Mr. Bilsky at East Templeton, Quebec.

1812. Quartz from the stock pile in the yard of the Electric Reduction Co., Buckingham, Quebec. (An average sample of the quartz found in association with feldspar in the Lievre River district.)

1754. Quartzite (unwashed) from the Canadian China Clay Co., St. Remi d'Amherst, Que.

1814. Washed sand from the Canadian China Clay Co., mill at St. Remi d'Amherst, Que.

NOTRE-DAME-DES-ANGES AREA.

Dr. J. Austin Bancroft, in his report to the Quebec Department of Mines in 1915 on the geology of the Notre-Dame-des-Anges district,[1] mentions the occurrence of several areas of Grenville quartzites which might be suitable for use where a high grade silica rock is required.

Two exposures in this locality were examined.

Lots 5 and 6, Con. I, S.W., Tp. of Chavigny, Notre-Dame-des-Anges, Que.

Sample No. 1807 was taken on this property from a massive bed of quartzite which outcrops at the base of the hill on the north side of the Batiscan river. It is covered with a sandy drift at the top of the hill. The rock is massive, very compact, and fairly uniform throughout. Bands of biotite-schist run through the deposit in places, but these are clearly defined and only of limited width. A working face of 25 feet could easily be developed in this deposit. An analysis of this rock gave the following results:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	P.	Loss on Ignition.	Total.
1807	97·67	·22	1·93	·13	·13	·005	·21	100·29

Lot 1, Con. V, S.W. Tp. of Montauban, and Lot 1, Con. V, N.E. Tp. of Montauban, Notre-Dame-des-Anges, Que.

Sample No. 1808 was taken from the above property. The quartzites on these lots extend over a larger area, but the ridge does not rise as high as that on the other locality examined. It runs along the south shore of the river just east of the bridge,

[1]See Report on mining operations in the Province of Quebec, 1915, p. 103.

the top of the ridge being possibly 40 feet above low water level of the river. The rock is similar, with the exception of having occasional patches of pure translucent quartz. Its analysis is as follows:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	P.	Loss on Ignition.	Total.
1808.....	97·46	·18	1·09	·08	·14	·008	·22	100·17

The results of the analyses of the two foregoing samples show that, chemically, this material is suitable for the manufacture of ferro-silicon. The probable difficulty of obtaining it free from the included bands of biotite-schist might increase the expense of preparing a marketable product.

KAMOURASKA DISTRICT.

In the Province of Quebec, between the counties of Levis and Temiscouata, situated along the south shore of the St. Lawrence, there is a well developed series of quartzite hills rising as abrupt dome-like masses above the St. Lawrence lowland, between the St. Lawrence river and Midland upland. According to Mr. J. A. Dresser,[1] these quartzites belong to the Kamouraska formation, which formation consists of quartzites and interbedded conglomerates, and is classified as Middle or Lower (?) Cambrian. These quartzites, which are best developed in the counties of Kamouraska and l'Islet, are found in an area approximately 40 miles in length and 4 miles in width, bordering the shore.

The quartzites are fine, even-grained, and weather to almost a pure white. They appear, in places, to be a partially altered sandstone rather than a pure quartzite. In the southeastern part of the district the quartzites contain nodules of dolomitic limestone, which sometimes are as large as 2 feet diameter, the higher grade material being found in the northeastern part of the area. On this account the examination of the quartzites to determine their utility for manufacturing purposes was confined to the northeastern area in the vicinity of St. Pascal and St. Andre.

From St. Pascal as a centre, a large number of the quartzite ridges were examined, and five different localities were sampled as fairly representative of all the deposits. As the question of transportation with relation to these deposits is of extreme importance, they will be dealt with in the order of their accessibility.

The Pilgrim Islands.

In the St. Lawrence river about 2½ miles off the south shore opposite the village of St. Andre, there is a group of five islands, known as the Pilgrim islands. These are a continuation of the quartzite ridges found on the mainland, and are composed entirely of quartzite. From a casual examination the material appears to be the same on them all; it was therefore decided to confine the detailed examination to the two largest.

The Long Pilgrim Island.

The main island of the group, called the Long Pilgrim, is approximately 2½ miles long, with an average width of 1,200 feet. The major axis of the island runs approximately northeast and southwest. A ridge extending the full length rises 100 to 125 feet above high water level. On the northwest side, the shore is abrupt, and in most places,

[1] See Memoir No. 35, Reconnaissance along the National Transcontinental Railway in Southern Quebec, Geological Survey, Dept. of Mines, by J. A. Dresser, 1912.

the cliff rises directly from the water to 40 or 50 feet above high tide. The southeast slope is more gradual, and in several places there is sufficient fairly level ground at an elevation about 10 feet above high tide on which to erect buildings. Over most of the island, the rock is bare, or covered only with lichens or moss, and the small amount of vegetation present consists of scattered patches of stunted evergreens.

The rock, in most cases, is weathered nearly white, but on breaking, the fresh face appears considerably darker. It is very even in texture and consists of fine rounded grains of quartz in a matrix of siliceous material. It is compact and hard to break with a hammer, but is very brittle, and when broken in the crusher produces considerable fines.

Two large samples, Nos. 1801 and 1802, were taken on this island, each representative of a considerable area. The analyses of these samples are as follows:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	P.	Loss on Ignition.	Total.
1801.	98·24	·24	1·52	·10	·16	·007	·29	100·55
1802.	97·77	·19	1·27	·10	·17	·008	·29	99 79

The Great Pilgrim Island.

This island is the most northerly of the group. It is approximately 4,200 feet long, by 1,700 feet wide, and contains roughly 133 acres. There are two prominent hills rising to a height of over 200 feet above high water level, one at each end of the island, having a deep depression between them, with very little level ground. There is fairly deep water around the island, which in all other respects is similar to the Long Pilgrim island.

On viewing this island from a distance, one gains the impression that the rock is whiter than that on the Long Pilgrim island, but this is probably due to the fact that there is more bare rock and less vegetation. A fresh fractured surface is considerably darker than the material from any of the other localities visited. Sample 1806 was taken from this island and analysed:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	P.	Loss on Ignition.	Total.
1806.	98·18	·24	1·34	·14	·25	·010	·45	100·61

With respect to transportation facilities these islands are admirably situated with relation to the principal markets in the Province of Quebec and the Maritime Provinces. From Long Pilgrim island, for example, the crushed rock could be loaded directly into barges at the end of a small wharf, and there would be sufficient water at high tide to enable them to be taken out to the main channel.

ST. PASCAL DISTRICT.

In the vicinity of St. Pascal station, there are a number of quartzite ridges, all of which were examined. The material seems to be very similar throughout. Three samples were taken from different ridges in order to get an idea of the purity of the rock. The ridges are topographically similar to those of Pilgrim islands, having the same general direction, and with steep bluffs on their northwesterly side.

Property of Joseph Lebris, Kamouraska P.O., Que.

Sample No. 1803 was taken from a ridge on the property of Joseph Lebris, 3¾ miles from Pascal station on the Canadian Government railway. The ridge on this property rises about 10 feet above the level of the wagon road on the southeast side, and drops abruptly on the northwest, so that a working face of about 30 feet could be obtained. The ridge examined consists of an area of about 4 acres. The rock is similar in appearance to that found on the Pilgrim islands. Its analysis ran as follows:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	P.	Loss on Ignition.	Total.
1803	95·40	·35	1·65	·86	·75	·008	·30	99·31

Property of Arsine Drapeau, Kamouraska P.O., Que.

Sample No. 1804 was taken from a ridge on the property of Arsine Drapeau, 3 miles from the wharf at Kamouraska. This ridge is lightly wooded and rises about 20 feet above the level of the surrounding plain. The general trend of the ridge is parallel to the river. The rock outcrop covers an area of about 6 acres on this property. The following is the result of the analysis:—

—	SiO_2.	Fe_2O_3.	Al_2O_3	CaO.	MgO.	Loss on Ignition.	Total.
1804	96·80	·32	1·13	·60	·43	·35	99·68

Property of Louis Migneault, St. Pascal P.O., Que.

Sample No. 1805 was taken from the property of Louis Migneault, 3 miles southwest from the station of St. Pascal. Here, there is a rugged ridge rising abruptly about 30 feet above the level of the surrounding fields, and running parallel with the Canadian Government railway, from which it is about ½ mile distant. The ridge is lightly wooded, and extends over a number of farms adjacent to the property examined. The average width is 100 yards. The rock in the field appeared similar to that from the other localities examined in this district. The following is its analysis:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Total.
1805	95·42	·42	·68	·80	·62	·30	98·24

The results of the analysis of the 6 samples taken from this district show that the material from the Pilgrim islands is of very high grade chemically, while from the field examination it appears to be sufficiently dense to be suitable for use in the manufacture of ferro-silicon. Samples Nos. 1803, 1804, and 1805, run considerably higher in lime and iron, and lower in silica, and the transportation question for these properties is more serious, due to the lack of cheap water transportation, and the long rail hauls would greatly increase the cost of marketing.

MARITIME PROVINCES.

The silica deposits of the Maritime Provinces consist of natural sand, sandstones, quartzites, vein quartz, and diatomaceous earth. So far as known, there have been no deposits of any of these materials, with the exception of some deposits of diatomaceous earth, worked to any great extent as a source of high grade silica. A number of typical deposits of each class of deposit were visited, and samples taken for analysis.

Prince Edward Island.

About 6 miles east of Souris, P.E.I., a beach sand was obtained which ran well over 95 per cent SiO_2, very low in iron, but with small quantities of probably undecomposed feldspar. The beach from which this sand was taken is, roughly, 1¼ miles long, with a maximum width of three-fourths of a mile, and tapers at both ends. The sand hills are 15 to 20 feet high, so that there is a fairly good quantity of sand available at this deposit. The analysis ran as follows:—

SiO_2.	Al_2O_3.	Fe_2O_3.	TiO_2.	MnO.	CaO.	MgO.	Na_2O.	K_2O.	Loss on Ignition.	Total.
95·72	2·66	0·10	0·20	0·01	tr.	0·10	0·45	0·99	0·24	100·47

It is probable that the high alumina content would cause the sand to be difficult to melt for a glass sand.

New Brunswick.

From the Province of New Brunswick, several silica samples were obtained. These consisted of sandstones and diatomaceous earth.

Sandstone Deposits, at Torryburn, N.B.

An outcrop of sandstone occurs at tide level, on the shore of Kennebecasis bay, to the west of Hastings cove and north of Torryburn station on the Canadian Government railway line from St. John to Moncton. This outcrop rises to a height of about 20 feet, at a distance of 50 yards from the shore. The rock is exposed about 300 feet along the shore, and dips approximately 35° to the southwest. No quarrying has been done on this outcrop.

The rock varies in character in different parts of the exposures, from a badly shattered stone spotted with iron stains, through a medium-grained gritty stone fairly clean and uniform, to a compact, close-grained and very brittle rock, which is practically a quartzite. The outcrop extends about 200 yards back from the shore. Similar rock outcrops about one-fourth to one-third of a mile inland. The sample for testing which was taken from the medium-grained gritty stone at the shore, analysed as follows:—

—	SiO_2.	Fe_2O_3	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Total
1860.....	95·95	·49	2·41	none.	none.	·65	99·50

A sample of creamy white coloured sandstone was submitted for testing by Dr. W. J. Wright of the Geological Survey. This material was obtained from the vicinity of Hillsboro, and it is probable that it may occur in considerable quantities. The rock

is very even-grained and friable, will crush to a satisfactory grain size suitable, when washed, for a glass sand. Its analysis ran as follows:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Total.
	98·15	·32	1·38	tr.	tr.	·40	100·25

Washing will doubtless materially lower the content of alumina.

A number of lake bottoms in this Province contain deposits of diatomaceous earth, Several of these have been worked from time to time, the most important being at Fitzgerald lake, about 8 miles east of St. John. There a bed of about 50 acres of diatomaceous earth has been exposed for exploitation, by draining. The average thickness of the bed is stated to be about 10 feet. The first work on this deposit was done in 1909, experimental treatment being carried on in a small mill, but nothing has been done on this property in recent years. A sample of the material was obtained, and will be analysed shortly.

Nova Scotia.

There are a number of silica deposits in the Province of Nova Scotia which were thought might be suitable for commercial exploitation.

The Dominion Iron and Steel Company have been experimenting for a number of years with a view to producing a silica brick from the quartzites which occur on the east shore of Cape Breton island. This material, a sample of which was obtained from the stock pile of this company at Sydney, is a fine-grained, compact quartzite of uniform texture; and from its analysis, appears to be suitable for the manufacture of silica brick. Its analysis is as follows:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Total.
	98·60	·41	·29	·90	·21	·10	99·91

Another sample of quartzite (?) was submitted by Dr. A. O. Hayes, of the Geological Survey, from Skye mountain, Whycocomagh district, Inverness county, N.S. This material was obtained from a series of trenches made up the side of the mountain. Its analysis was as follows:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Total.
	85·20	1·58	6·87	2·10	·58	3·60	99·93

On the southwest shore of Nova Scotia there are several beaches of white sand. These sands have been mentioned in a number of reports as being suitable possibly for the manufacture of glass. These beaches were examined in the fall of 1918 and samples obtained. Each one is of considerable extent and has a large tonnage of sand available, but judging from the analyses it is highly improbable that they would be suitable for use in the manufacture of glass owing to the high iron and alumina content.

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Total.
1849..... ...	85·30	2·43	7·77	·60	·56	·67	97·33
1850.....	80·20	·97	14·45	2·50	·32	·30	98·74
1851.....	80·20	·89	14·11	1·80	·25	·60	97·85

1849. Silica sand from Summerville beach, Port Mouton, Nova Scotia.
1850. Silica sand from the southwest beach, Port Mouton, Nova Scotia.
1851. Silica sand from the beach at Barrington bay, Nova Scotia.

CONCLUSIONS REGARDING SILICA DEPOSITS.

Judging from the observations in the field and from the analyses of the samples collected, it seems probable that there are, in eastern Canada, a number of localities where good grades of silica could be profitably produced, and conveniently situated with respect to the consuming centres.

IV.

PRELIMINARY NOTES ON THE MOULDING SAND DEPOSITS OF EASTERN CANADA.

The need, in Canada, for foundry moulding sands of grades suitable for different classes of castings, has increased greatly in the last few years, and has led the Mines Branch to investigate many Canadian sand deposits, to determine their suitability for this class of work. At the present time, a considerable amount of the sand used in Canadian foundries is imported, the supply being drawn mostly from the United States.

In the summer of 1914, investigation of the sand and silica deposits of the Province of Quebec was commenced, the field work being continued during the seasons of 1915 and 1916, and the territory extended to include eastern Ontario. During the seasons of 1917 and 1918 field work was carried on in western and southwestern Ontario as well as a few localities in the Maritime Provinces.

In the course of the field work a number of deposits of sand were encountered, which, from field examination, gave promise of being suitable for moulding sand. Samples of these were taken for laboratory examination and testing.

The tests have not yet been completed, so that only a short description of the localities which were sampled will be given, together with a few notes on the most likely places where sand of suitable grades may be found.

Ontario.

There are a number of localities in the Province of Ontario where moulding sand is found, and several of these deposits are being operated at the present time. Samples were obtained from some of the deposits, and it is proposed to visit a number of other areas this fall.

The principal moulding sand areas at present known are as follows:—

Stamford, Ont.

In the neighbourhood of Stamford, near Niagara Falls, there are several hundred acres underlain by from 1 to 3 feet of fine-grained moulding sand. The area is, in most cases, covered with vegetation, and the cost to clear the surface prior to excavating the sand is considerable. The bulk of the material is being shipped to Buffalo, N.Y. Three samples were obtained from this area.

Stoney Creek, Ont.

At Stoney Creek there is a considerable area of ground with from 2 to 3 feet of moulding sand. By blending the several grades of sand found, a number of mixtures can be obtained, suitable for different classes of castings. A considerable tonnage of sand has been shipped from this deposit each year, to the manufacturing centres of central Ontario. This is probably the largest producing district in Ontario.

Brantford, Ont.

Several miles west of Brantford, Ont., moulding sand has been obtained from a number of farms. This material has been used locally in the Brantford foundries, and has been found suitable for certain classes of work. The deposits are very pockety, and at none of the places visited was any considerable tonnage seen.

Copetown, Ont.

In the vicinity of Copetown there are several deposits from which a considerable tonnage of sand might be obtained. The material is fine in texture, and is convenient to the railway. The sand which is very uniform throughout, will average from 1 to 3 feet in depth.

Crookston, Ont.

About 1 mile to the south of Crookston there is a gravel and sand deposit overlain by about 3 feet of medium-grained argillaceous sand, which might be suitable for a moulding sand for certain work. Test holes drilled revealed the presence of this top sand, extending over 10 or 12 acres. An average sample of this sand was taken for testing.

Brockville Area.

About 2½ miles to the west of Brockville, Ont., between the Grand Trunk Railway line (Montreal to Toronto), and the river road (Brockville to Kingston), there is a considerable deposit of moulding sand of a fine grade suitable for stove plate castings or brass foundry work. This deposit has been tested. and the results published in Mines Branch Bulletin No. 476 published in 1917.

Quebec.

In the Province of Quebec there are several localities where deposits of sand are found, which may possibly be suitable for iron foundries. A few of these deposits were examined, and others will be visited at a later date. The most promising localities are at St. Justine, Joliette, Batiscan, and in the neighbourhood of Three Rivers. At several points on the Gatineau river small pockets of moulding sand occur.

Nova Scotia.

Deposits of moulding sand are known to occur at a number of localities in Nova Scotia. Two areas were visited and sampled.

Belmont, N.S.

Within a radius of 2 miles from Belmont, a station on the Canadian Government railway about 8 miles northwest of Truro, N.S., Mr. Melville Blair is operating a number of pits of moulding sand of different grades.

All of these sands are coarse in texture, and have to be blended to suit different requirements. There is a considerable tonnage to be obtained from this district. A number of samples were taken from this area for testing.

Elmsdale, N.S.

There is a deposit of sand suitable for foundry use, situated on the west bank of the Nine Mile river at the head of the "Red Bridge," 2½ miles from Elmsdale. This deposit is probably an old sand bar of the river, and covers an area of about 25 or 30 acres. Sand has been excavated from a pit to a depth of 12 feet. The top 18 inches appears finer in grain than the rest of the material, so that two grades can be obtained. Mr. Mosher, of Dartmouth, N.S., is the owner. Several samples were obtained.

The following notes which are conclusions from observations in the field should be of assistance in prospecting for moulding sand.

Moulding sands occur in two main types of deposits; but variations of these types may be encountered. These are:—

(*a*) Flood plain deposits, and

(*b*) Re-washed ancient beach sands.

(*a*) Flood plain deposits.

From the nature of a moulding sand—it being essentially a silica sand with each individual grain coated with a more or less plastic bonding material—one would expect to find it occurring where deposits of sand and clay had been intermingled, and worked over by water. As a matter of fact, moulding sands in flood plain deposits are of quite common occurrence. In these beds the sand and clay have been well and intimately mixed by the river currents, and deposited on the higher levels in flood time; the excess of clay being more easily held in suspension, is carried off by the water.

One should look for moulding sands along the upper terraces of the larger rivers of the country such as the St. Lawrence; also along the banks of ancient waterways.

(*b*) Re-washed, ancient beaches.

The second class of deposits which are frequently encountered are of secondary origin. The sand bars and beaches of the ancient seas have been worked over by the waves as lower levels of the lakes and seas are formed. It is in deposits of this class, which are found at a lower level than the old beaches or water margins, that moulding sand may be expected to occur. These deposits are, therefore, to be looked for in the vicinity of the ancient glacial lake margins, such as the Iroquois and Algonquin, which formerly occupied the Great Lakes Basin; and also within the boundaries of the ancient Lake Agassiz in Manitoba. Similar ponded water bodies in glacial times—extending as far as the foot hills of the Rocky Mountains in Alberta—may also have deposits of this character within their margins.

V.

THE WOLFE RIVER DISTRICT, 60 MILES EAST OF PORT ARTHUR, ONT.

Three days were spent on a hurried trip to examine some reported deposits of decorative building stones occurring on the Wolfe river, about 7 miles north of Dorion, a station on the Canadian Pacific railway main line, about 60 miles east of Port Arthur, Ont.

Topography.

The Wolfe river rises in a series of lakes north of the main line of the Canadian Pacific railway, and has cut its course through sand and gravel deposits of a filled-in valley between the prominent diabase sill capped ridges, common to this district. Two waterfalls were seen on this river about a mile apart, the upper one being where the river flows over a series of dark chocolate coloured sandstones, and the lower one over a diabase dike. On the west side of this valley, which, in places, is between two and three miles wide, the slope to the western ridge is very gradual, and a number of square miles of sandy flats are to be seen. The river has a tendency to run parallel and in close proximity to the eastern ridge, which rises abruptly from the river flats, in some cases to a height of 150 feet above the level of the water. In the bed of the river and in the exposed cliffs can be seen a great variety of sandstones and dolomites, and, where the cliff is not broken, these rocks are capped with from 15 to 25 feet of a diabase sill. At one place in the bed of the river the Archæan granite floor is exposed over an area of about three acres.

A number of samples from the different beds examined were obtained. These were cut and polished with a view to ascertaining their suitability for decorative use.

Sample No. 1 was obtained from the bed of the river about 150 yards south of the upper falls. It is a dolomite, and when polished, shows blending of dark green and pink, with dark red blotches surrounding minute inclusions of argentite and native silver. Although the samples collected could hardly be considered as silver ores, further search might reveal workable deposits.

Sample No. 2, from the bed of the river about 50 yards south of sample No. 1, shows character very similar. The green, however, is of a fainter tinge, and the pink colour is more strongly developed. Both of these stones would be suitable for decorative use if they could be obtained in large blocks near transportation.

Sample No. 3 is of a finer texture, and was obtained from a bed 4 feet thick, in the escarpment one-half mile east of the upper falls. It polishes nicely, and has a greyish-pink colour, variegated with dark and light green blotches. It has an overburden, however, of some 25 feet of diabase. Other samples were obtained and polished, and showed up a great variety of colouring, but the beds from which they were obtained were only of small thickness, averaging 1 foot.

The sandstones of this vicinity are very compact and even-grained, and a variety of colours, from pure white to deep chocolate, could be obtained.

Interbedded between dolomites a white, soft, earthly material was observed which had, in places, a thickness of 4 feet. A sample of it was analysed with the following results:—

—	SiO_2.	Fe_2O_3.	Al_2O_3.	CaO.	MgO.	Loss on Ignition.	Total.
1836.....	38·32	3·73	9·67	19·68	20·10	8·10	99·60

This is probably an altered volcanic ash, containing some talcose material and kaolin.

These rocks are of interest since they indicate the occurrence of dolomites in this locality. It would not be possible to work them economically, owing to the difficulties of quarrying and the distance from the railway. There is, however, the possibility that beds may be found in similar formations nearer to transportation and in deposits which would lend themselves more readily to commercial exploitation.

VI.

NOTES ON A DISCOVERY OF ROCK SALT AT MALAGASH, NOVA SCOTIA.

A deposit of rock salt of considerable thickness is being opened up in the neighbourhood of Malagash, Cumberland county, N.S. This is the first known discovery of rock salt in the Maritime Provinces, and the first in Canada to be discovered at a depth sufficiently shallow to enable it to be won economically by actual mining.

Discovery and History of the Deposit.

In 1912, Mr. Peter Murray drilled a well for water on his farm on the Malagash road, about 7 miles northeast of Malagash, a station on the Canadian Government railway branch line, operating between Oxford Junction and Pictou. He encountered a strongly saline water and sent a sample of the same to Dr. Frank T. Shutt of the Dominion Experimental Farm at Ottawa. Dr. Shutt reported on this sample as follows:—

> "Our analysis of this water shows it to contain 28·83 per cent total solids, of which 28·32 per cent is common salt. It is in fact a very strong brine.
>
> "There are present very small quantities of sulphate of lime and possibly of allied compounds, but essentially this is a saturated, or practically saturated, solution of common salt".

No action was taken with regard to this discovery until the early months of 1917, when another sample was forwarded to Dr. Shutt, who reported 26·65 per cent common salt content. At this time Dr. Shutt referred the parties interested to Dr. Haanel, Director of the Mines Branch. The Mines Branch immediately obtained another sample for the purpose of having a complete analysis made. It was found to be a saturated brine, its analysis being given in the following table together with four analyses of brine from the Western Ontario district, for comparison.

—	Malagash Brine, N.S.	Western Ontario Brine.			
Sodium (Na)	99·50	96·270	101·728	96·368	100·997
Potassium (K)	0·55	n.d.	n.d.	n.d.	n.d.
Iron (Fe)	0·07	n.d.	n.d.	n.d.	n.d.
Calcium (Ca)	1·37	1·552	1·630	2·496	1·531
Magnesium (Mg)	0·22	·244	·257	·127	·118
Sulphuric acid (SO_4)	3·11	2·631	2·634	1·698	2·803
Chlorine (Cl)	154·70	150·122	158·742	152·294	156·884
	259·52	250 819	265·001	252·983	262 333
Hypothetical combination: Parts per thousand.					
Sodium chloride (NaCl)	252 90	244·860	258·770	245·111	256·891
Potassium chloride (Kcl)	1·04	n.d.	n.d.	n.d.	n.d.
Magnesium chloride ($MgCl_2$)	0·86	·966	1·017	·503	·467
Calcium chloride ($CaCl_2$)	0·22	1·265	1·484	4·964	1·007
Calcium sulphate ($CaSO_4$)	4·42	3·728	3·730	2·405	3·971
Ferric oxide (Fe_2O_3)	0 10	n.d.	n.d.	n.d.	n.d.
	259·54	250·819	265·001	252·983	262·336
Sp. gravity at 15·5°C	1·200	1·197	1·2045	1·178	1·198

As a result of this analysis, it was suggested to the owners that further exploration was desirable in order to ascertain if the parent salt bed could be located. It was decided that I should visit and examine the locality as soon as possible. In June, 1917, when I made my first examination of the property, brine had been encountered in several other drill holes. A study of the local conditions convinced me that there was a good possibility of discovering rock salt in place, hence I strongly advised the owners to continue their prospecting along lines already advised.

In the summer of 1917, A. R. Chambers and George McKay of New Glasgow, N.S., took an interest in the operations, and drilled a series of holes, after which they sank a prospect shaft in June, 1918. In this shaft rock salt was encountered at a depth of 85 feet from the surface. When the locality was again visited by me on October 10, 1918, the shaft had been sunk into the salt formation to a depth of 17½ feet. Since then I have been informed that the shaft has penetrated about 25 or 30 feet in the salt formation and that they are now drifting on the deposit.

The overlying beds appear to be in a nearly horizontal position, and consist of clays, soft shales, gypsiferous muds, etc., while the saline beds appear to dip to the west of south, at an angle of about 25°, and have a strike of S. 70°E.

The saline beds as encountered in the shaft, show, in the upper 12 feet, considerable impurities in the form of mud, but there appear to be banded layers of whiter rock salt below. The indications from a drill hole located on the site of the shaft, are that the salt beds have a thickness at this point of at least 50 feet.

These beds are found associated with beds of gypsum, mapped by Fletcher as of lower Carboniferous age. The gypsum beds are seen exposed on the shore to the north of the shaft. To the south of the shaft there is a small unmapped outcrop of what appears to be a conglomerate. The salt beds are on the south slope of an anticline, and little is so far known as to their lateral extent. To the west, about one mile from the shaft, there is a pronounced fault shown in the shore section, and this may cut off the western extension of the beds. To the east, about the same distance, the occurrence of a marsh, caused by the sea eroding the protecting sandstone barrier to the north, may determine the eastern extension of the deposit. The evidence at hand, however, indicates the presence of a salt formation of considerable extent. On the basis of data obtained from the shaft, from surface indications, and from the drill holes, it is possible that the saline formation, measured at right angles to the dip, may have a thickness of 175 feet.

A general sample of the whiter rock salt was taken for analysis and yielded the following results:—

	Dried at 110°C.
Sodium (Na)	38·45
Potassium (K)	0·20
Iron and aluminium (Fe and Al)	none
Calcium (Ca)	0·25
Magnesium (Mg)	Trace.
Sulphuric acid (SO_4)	0·61
Chlorine (Cl)	59·35
Insoluble in water	1·05
Total	99·91

Conventional combination.

Sodium chloride (NaCl)	97·60
Potassium chloride (KCl)	0·40
Magnesium chloride ($MgCl_2$)	Trace.
Calcium chloride ($CaCl_2$)	none
Calcium sulphate ($CaSO_4$)	0·86
Ferric oxide (Fe_2O_3)	none
Insoluble in water	1·05
Total	99·91

Although the quantities of potash salts present in the two samples examined from this locality are small, it does not of necessity mean that they are absent in commercial quantities in this area. The drilling and prospecting so far carried out indicate, only in the most superficial way, the presence of a large bed at one horizon. The probability of encountering potash salts, interbedded with the sodium chloride at other horizons than the one penetrated by the prospect shaft and drill holes, is quite within the bounds of possibility.

The discovery of this deposit should be of great assistance to engineers in their search for other similar deposits. A careful study of the conditions of the Malagash area may well indicate to those familiar with the Province, other localities where the conditions are similar, and where surface prospecting and drilling might offer a reasonable chance of obtaining results.

Markets.

a. *Domestic.*—

The importance of this discovery to Canada and more especially to the Maritime Provinces can readily be seen. Canada, at the present time, imports over half of her annual consumption of salt, the only production being in southwestern Ontario. The calculated consumption of salt in Canada in 1918 was 296,328 tons[1], valued at $2,535,465, as compared with a consumption in 1917 of 301,076 tons, valued at $2,041,633. The total sales of Canadian produced salt in 1918 were 131,727 tons, valued at $1,285,039. Of this, only 893 tons, valued at $16,743, were exported. There is thus an opportunity for a considerable domestic market for salt to replace the imported material. This import of salt in 1918 amounted to 165,494 tons, valued at $1,267,169, and included 51,450 tons of fine salt in bulk, valued at $294,676; 13,941 tons of salt in packages, valued at $156,736; and 100,103 tons imported for the use of fisheries and valued at $815,757. This last item is used largely on the Atlantic and Pacific seaboards. From a study of the trade statistics of the Customs and Trade and Commerce Departments, I think it is safe to say that about 75 per cent of this fisheries salt is utilized on the Atlantic seaboard including the Gulf of St. Lawrence. The average value of this salt at point of shipment for 1918 was approximately $8.15 per ton of 2,000 pounds. The ocean freight rate to bring this salt to Canadian ports of distribution would bring the cost up to at least $10 per ton.

This price will probably be a normal price for salt for fisheries for a number of years to come—the sales price during war times ranging between $15 and $25 per ton at distributing points in Nova Scotia. If, therefore, a deposit of salt can be developed in a centrally located point in Nova Scotia, and a grade of salt produced suitable for the fishing industry, a market of some 75,000 tons valued at $750,000 should be available.

In addition to this, a considerable demand for salt for domestic purposes, in the Maritime Provinces, could be supplied from such a deposit.

b. *Foreign.*—

Among the foreign markets for the salt from the Malagash deposit, the principal ones will be the fishing industry of Newfoundland, which consumes, according to reports, about 50,000 tons per year, and the fishing and metallurgical industries along the Atlantic seaboard of the United States. It will remain to be seen how much of this latter market can be captured by material produced in Canada.

One feature with regard to the Malagash deposit which is well worthy of serious consideration for future action, is the possibility of establishing an industry for the

[1] Figures given in this section are taken from Preliminary Report on the Mineral Production of Canada, 1918. John McLeish, B.A., Mines Branch, Department of Mines, Ottawa, No. 506.

manufacture of sodium compounds. Situated as this deposit is, with ready access to shipping facilities both by rail and water, and comparatively close to abundant supplies of fuel, it may well be, that an industry using the salt from these beds as the principal raw material could be established, which would turn out products at a price which could compete in foreign markets such as South America and South Africa, with similar material from England and United States.

Although the Canadian market alone, for salt for domestic use or for the chemical industries, would guarantee its success, it will be seen that the favourable location of this deposit to water transportation on the Atlantic seaboard should enable it to develop an export trade with the United States, South Africa, and South America.

FUELS AND FUEL TESTING DIVISION.

I.

WORK AT THE FUEL TESTING STATION, ETC.

B. F. Haanel, *Chief of the Division.*

During the year 1918 the staff of the Division of Fuels and Fuel Testing was engaged in preparing for publication the results of the large scale tests on the samples of coal received from the Province of Alberta; examining and analysing samples of mine air received from the principal producing coal mines of the Dominion, making chemical analyses and physical examination of oils for the different Departments of the Canadian Government; together with general analyses and determinations of the heating values of coals received from outside sources and of those required in connexion with the work of this Division. The report of the large scale tests on the samples of coal received from the Province of Alberta will include the results of the tests carried out with these samples of coal in the gas producer, in order to ascertain their value as fuels for the production of a power and industrial gas, and their relative value as fuels for the generation of steam.

The machine shop which is under the control of this Division, completed, and had under way, a very large amount of work, in addition to the preparation of the shed formerly used for storing samples of coal, as a laboratory for carrying out large scale tests on the oils recovered from the distillation of oil shale, coals, etc.; and the erecting and fitting of a semi-Deizel oil engine for the purpose of carrying out large scale tests of the oils thus recovered. In addition to the above work, and the construction of new apparatus, repairs to existing machines and apparatus, and the erection of apparatus in the various laboratories of the Mines Branch was performed by the staff of the machine shop. The laboratory for the special investigation of the oils obtained by the distillation of coals, lignites, and oil shales, in retorts especially designed and constructed for this purpose, was begun over a year ago, and is now sufficiently completed to begin such investigation. The research work being carried out on lignites, with a view to determining their proper treatment for briquetting, and the quantity and value of the oils recovered in their carbonization, is still under way; and preparations are being made to investigate the oil shales of New Brunswick, Nova Scotia, and elsewhere, in the same manner.

The staff of the chemical laboratory of the Fuel Testing Division, in addition to the regular routine work, is largely engaged in an investigation concerning the carbonization and briquetting of lignites. This investigation was inaugurated by the Mines Branch, and has proved of great value to the Lignite Utilization Board, which has under way an investigation concerning the commercial briquetting of the western lignites. The progress of the work conducted along this line by the chemical staff of the Fuel Testing Division is set forth in the accompanying report of Mr. Stansfield, Chief Engineering Chemist. Mr. Stansfield's report will show that the laboratory work has been steadily and rapidly increasing, and that new laboratory space will have to be provided in the very near future, in order that the work may be prosecuted efficiently, and without loss of time, and also in order to permit the Division to undertake new and important investigations, which arise from time to time.

Mr. Aleph Anrep, formerly attached to this Division, as peat expert, was, during the latter part of the year, transferred to the Geological Survey Branch of the Department of Mines.

Mr. John Blizard, in addition to his regular duties, was engaged in determining tensile, compression, and hardness tests, in the physical testing laboratory of the Mines Branch, for the Imperial Ministry of Munitions; Department of Naval Service; Department of Militia and Defence; and the Department of Marine and Fisheries. A special investigation of the properties of "Nicu" steel was also carried out by Messrs. T. W. Hardy and John Blizard. This investigation is still under way, and the results will be published in the course of the year.

In order to prosecute investigations of this nature, a new piece of apparatus was installed in this laboratory under the direction of Mr. Hardy, to enable the cooling curves of the steels to be obtained graphically. This apparatus will be used in the further investigation concerning the properties of "Nicu" steel.

Mr. Blizard also prepared a bulletin entitled "The economic use of coal for steam-raising and house heating."

In addition to laying out and directing the work of this Division, the writer has had a large amount of work to perform for the Dominion Power Board, and the Peat Committee of which he is secretary. The writer was appointed a member of the Dominion Power Board, and one of the representatives of the Federal Government on the Peat Committee, which was appointed to investigate and report upon the possibility of manufacturing peat on a commercial basis in Canada. The Peat Committee was appointed jointly by the Government of Ontario and the Government of Canada, and is composed of four members; two appointed by the Ontario Government, and two by the Dominion Government. The secretarial work of the Peat Committee is performed entirely by the writer.

During the latter part of the year the writer was instructed to witness a test of Albert oil shales in the Wallace retort, for which claims were made concerning its alleged superiority over other retorts for the recovery of oils from oil shales, lignites, and other fuels high in volatile matter. This retort, which was of an experimental character, was set up in the laboratory of the St. Claire Gas Company, East St. Louis, Mo. The results of this test are set forth in a detailed report on pp. 75-85.

In addition to the regular duties ascribed to Mr. E. S. Malloch, an engineer of the Fuel Testing Division, the calibration of electro-thermo couples in the Pyrometry Testing Laboratory, are entrusted to him. During this year Mr. Malloch made twenty calibrations of electro-thermo couples: one for the Department of Militia and Defence; one for the Imperial Munitions Board; and eighteen calibrations of instruments used in the laboratory of the Mines Branch.

The summary reports of Messrs. E. Stansfield and A. W. Mantle, show, in detail, the work carried out under their immediate direction.

II.

REPORT ON TEST OF NEW BRUNSWICK OIL SHALES IN THE WALLACE RETORT.

Introductory.

The increasing importance which oil-bearing shales are assuming as a source of oil, in consequence of the rapidly approaching exhaustion of the known oil-bearing fields, has encouraged chemical, oil, and other engineers to devise new methods, or to make alterations in existing processes and methods for the treatment of oil-bearing shales, with a view to increasing both the yield and quality of the oils obtained. But

although many new processes have from time to time been devised; and alterations to existing processes been suggested, the process which has been employed in Scotland for the last fifty years—with modifications resulting from experience gained—is the only one for which positive commercial success can be claimed.

Quite recently, however, Mr. G. W. Wallace, superintendent of the St. Claire Gas Company of East St. Louis, Missouri, who, for some years, devoted his attention to investigations concerning improvements in the methods for the manufacture of town gas and the quality of the resulting coke, took out patents for an invention of a new type of retort for carbonizing coal and retorting oil-bearing shales; and the claims made for the superiority of this retort over existing retorts, and the fact that a company had been formed for the purpose of treating the Colorado oil shales on a large scale by means of his process, led the Hon. Wm. Pugsley to send a sample of oil shale from the Alberta Mines, New Brunswick, for treatment in the Wallace experimental plant at the works of the St. Claire Gas Company. In compliance with the Hon. Wm. Pugsley's request that the tests on this sample of oil shale be witnessed by a member of the staff of the Division of Fuels and Fuel Testing of this Branch, I was instructed to proceed to St. Louis for this purpose.

Wallace Retort.—A description of this invention, and the objectives it is hoped to attain, is contained in the following, which is taken from the patent specification of Canadian Patent No. 189426:—

The main object of my invention is to provide a practicable process for distilling, carbonizing or vapourizing carbonaceous materials that insures the removal and recovery of all of the hydro-carbon gases, vapours, liquids and oils evolved in the distilling operation.

Another object is to provide a distilling, carbonizing or vapourizing process that will produce relatively large amounts of oils and gases that are of great value, due to their improved quality and also high grade metallurgical coke of good density. Other objects and desirable features of my invention will be hereinafter pointed out.

Briefly described, my process consists in subjecting carbonaceous material to heat in a distilling chamber so as to liberate the gases and vapours, removing all of the evolved gases from said chamber in such a manner that the temperature of decomposition, namely, the temperature at which the hydro-carbons are distilled off, is the higest temperature to which the gases are subjected at any period of the distilling operation, collecting the oils and liquids evolved in the distilling operation and removing them from the distilling apparatus immediately before they have had an opportunity to become cracked or overheated, and at the completion of the distilling operation disassembling the distilling apparatus so as to discharge the coked residue and facilitate the cleaning of the orifices through which the gases, vapours and oils escape from the distilling chamber.

My process is applicable to the distillation, carbonization or vapourization of all coals, lignites, woods, oil shales and carbonaceous substances, and while various kinds of apparatus can be used in practising my process, it is essential that an apparatus be used which is equipped with a heated distilling chamber, a perforated take-off duct constructed and arranged inside of the distilling chamber in such a manner that it eliminates the possibility of the evolved gases, vapours and oils contacting with the hot walls of said chamber in escaping therefrom and also insures the recovery and immediate removal from the distilling apparatus of all of the oils and liquids evolved in the distilling operation, and means for enabling the take-off duct and distilling chamber to be disassembled so as to effect the discharge of the coked residue and also facilitate the cleaning of the orifices in the take-off duct through which the evolved gases, vapours, oils and liquids escape from the distilling chamber. I am aware of the fact that processes have heretofore been devised for distilling carbonaceous material which contemplated removing the gases and vapours from the distilling chamber through a perforated take-off duct arranged inside of the distilling chamber, but such processes have not proved successful and can not accomplish the same results as my process, owing to the fact that no provision is made for insuring all of the gases and vapours passing through the coolest zone in the distilling chamber in escaping therefrom, and no provision is made for collecting and immediately removing from the distilling apparatus the oils and liquids evolved in the distilling operation, the prior processes above referred to permitting some or all of the evolved oils and liquids to recondense in the apparatus, to become mixed with the coked residue and to vapourize again and again until it has become cracked into permanent gases and tars of inferior quality. In my improved process all of the gases, vapours and liquids have to travel through the coolest zone of the distilling chamber in escaping therefrom, and the oils and liquids evolved in the distilling operation are not only collected and prevented from mixing with the coked residue, but they are conducted out of the distilling apparatus as soon as they are formed. Furthermore, in my process the perforated take-off duct is withdrawn from the distilling chamber at the completion of the distilling operation and is then cleaned or replaced by another perforated take-off duct, thus eliminating delay and insuring successful results at the next distilling operation, due to the fact that there are no clogged orifices in the take-off duct to retard the escape of the gases, vapours and oils.

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The figure of the drawings is a vertical sectional view of an apparatus that can be used in practising my process. The particular design or construction of said apparatus is immaterial, but it is essential that it comprise a retort or distilling chamber, preferably arranged vertically and sealed at its upper and lower ends, a perforated take-off duct arranged inside of said chamber, with its lower end in direct communication with an eduction pipe, thus insuring the collection and recovery at the same point of the gases, vapours, oils and liquids evolved during the distilling operation, and means for enabling said take-off duct and the bottom of the distilling chamber to be moved downwardly or the side wall portion of the distilling chamber to be moved upwardly with relation to the take-off duct and chamber bottom, so as to effect the discharge of the coked residue and also withdraw the take-off duct from the distilling chamber, and thus facilitate the cleaning of the take-off duct at the completion of the distilling operation. In the apparatus herein illustrated A designates a retort or distilling chamber, preferably of cylindrical shape in cross section, that is adapted to contain carbonaceous material, said chamber being heated by any suitable means, such, for example, as products of combustion that are supplied to a combustion chamber B that surrounds the distilling chamber A. A perforated take-off duct C that is arranged at the center of the distilling chamber A has its lower end connected with an eduction pipe D, preferably a pipe in which a suction or partial vacuum is created. In the apparatus herein shown the take-off duct C and the bottom of the distilling chamber A are adapted to be moved downwardly at the completion of the distilling operation, so as to discharge the coked residue from the distilling chamber and also withdraw the take-off duct from the distilling chamber, so as to facilitate the cleaning of the take-off duct. Therefore, the bottom plate 1 of the distilling chamber is removable, the take-off duct C is mounted on said bottom plate, and the lower end of the take-off duct is connected with the eduction pipe D by means of a pipe 2 that can be disconnected from the lower end of the take-off duct and moved out of the path of the bottom plate 1 of the distilling chamber when it is desired to move said bottom plate downwardly. The cylindrical-shaped shell that constitutes the side wall of the distilling chamber A preferably tapers slightly from its lower towards its upper end and its upper end is sealed or cut off from the atmosphere by means of a removable cover 3 that is adapted to be opened, so as to permit the carbonaceous material to be introduced into the distilling chamber. The lower end of said distilling chamber is sealed or cut off from the atmosphere by the bottom plate 1, previously referred to, which is retained in position by bolts or other suitable fastening devices 4. The take-off duct C consists of a perforated member of cylindrical form that extends upwardly through the distilling chamber to a point in proximity to the upper end of said chamber, said take-off duct preferably being of uniform diameter throughout its entire length so that the annular space between the exterior of same and the side wall of the distilling chamber will diminish gradually in cross-sectional area from its lower towards its upper end, thereby causing the heat to penetrate through the material in the distilling chamber substantially uniformly, owing to the fact that the thickness of the body of material in the lower portion of said chamber where the heat is most intense is greater than the thickness of the body of material in the upper portion of said chamber where the temperature is lower. The take-off duct is provided with perforations 5 preferably arranged uniformly throughout the major portion of its length and of a size suitable for the particular carbonaceous material being distilled, said take-off duct being closed at its upper end by a dome-shaped portion 6 which is imperforate. It is not essential that the upper portion of the take-off duct be imperforate, but it is essential that sufficient carbonaceous material be in the distilling chamber to cover the orifices in the take-off duct.

When heat is applied to the walls of the heating chamber A all of the gases and vapours evolved from the carbonaceous material in said chamber are forced or drawn into the duct C through the perforations 5 therein, said gases and vapours travelling downwardly through the take-off duct to the eduction pipe D, and thence through said eduction pipe to a storage tank or to the place where they are to be consumed. As the take-off duct is arranged at the center of the distilling chamber at the coolest part of the body of carbonaceous material in said chamber, and as said take-off duct affords the only outlet for the gases and vapours, it will be evident that the gases and vapours, in escaping from the distilling chamber, pass through the coolest part of the material being distilled. In fact, from the moment the gases and vapours are evolved they follow a path, in escaping from the distilling chamber A, that will cause a reduction in the temperature of said gases and vapours below the initial temperature of formation, thus preventing any further breaking down of the hydro-carbon molecules. The above is also true of the oils and other liquids evolved in the distilling operation, and in view of the fact that the oils and liquids which enter the take-off duct C are collected in said duct and immediately removed from the apparatus through the suction pipe D, there is no possibility of the oils condensing, revapouring or becoming cracked or mixed with the coked material surrounding the take-off duct, as would occur if the oils were permitted to collect and remain in the perforated take-off duct.

By removing the gases, vapours and oils from the distilling chamber in the manner above described and preventing the oils from mixing with the coked residue, a larger yield of hydrocarbon oils is obtained than is possible with any of the distilling processes heretofore in use, and as none of the oil vapours are allowed to come in contact with the heated walls of the distilling chamber or in contact with the hot coked material in proximity to said walls, it is evident that the oil which is obtained will be free from all of the less valuable unsaturated hydro-carbons that are produced at high temperature, the oil having no free carbon or lamp black. It is also evident that the oil, by reason of the fact that it is not subjected to excessive and prolonged heat treatment, will contain all of the valuable hydro-carbon oils that are produced.

At the completion of the distilling operation the fastening devices 7 that detachably connect the pipe 2 to the lower end of the take-off duct C are removed and said pipe 2 is then moved laterally into an inoperative position, or, in other words, out of vertical alignment with the

bottom plate 1 of the distilling chamber. Thereafter, said bottom plate 1 is moved downwardly so as to effect the discharge of the coked residue from the distilling chamber and also withdraw the take-off duct C from the distilling chamber. The orifices 5 in the take-off duct are then cleaned or a fresh take-off duct is arranged in operative position in the chamber A to be used in the next distilling operation. This feature of removing the take-off duct from the distilling chamber at the completion of the distilling operation is an essential characteristic of my process and is one of the things that makes my process practicable from a commercial standpoint, for I know, from practical experience, that in the operation of distilling coal the coal first softens and then becomes a pasty mass which spreads out in every direction, especially in the direction in which the gases and vapours flow in escaping from the distilling chamber, thereby causing the orifices in the take-off duct to become clogged or choked up each time a charge of carbonaceous material is distilled in the apparatus. By bodily removing the take-off duct from the distilling chamber in the manner above described I am able to clean same quickly and thoroughly or replace the take-off duct with a fresh take-off duct. Consequently, I overcome the necessity of taking the apparatus out of service for a considerable period and I also insure ample exit openings for the escape of the gases, vapours and oils from the distilling chamber during the distilling operation.

By removing the gases, vapours, oils and liquids from the distilling chamber in such a manner that all of the gases, vapours and oils have to flow from the hottest point to the coldest point in the distilling chamber, in escaping therefrom, I secure all of the advantages of low temperature distillation. In fact, I have the ideal conditions of low temperature distillation increased to their fullest possibility, in that none of the escaping gases, vapours and oils touch the heated walls of the distilling chamber, and further, that all of said gases, vapours and oils start to cool immediately after they have been formed. In my process the temperature of formation is the hottest or highest temperature to which any porion of the gases, vapours and oils are subjected, and thereafter, during the continuance of the process, the gases, vapours and oils gradually cool off, all of the above advantages being obtained without the necessity of carrying the temperature of the distilling chamber so low that the coke produced is of little or no value, on account of its lack of structure. In fact, with my process it is possible to carry a temperature high enough to produce a metallurgical coke and still have all of the advantages of low temperature distillation from the oil and gas yield standpoint. It is immaterial whether the gases, vapours and oils are forced out of the distilling chamber by the pressure created in said chamber or are drawn out of said chamber by a vacuum. I prefer, however, to remove the gases, vapours and oils from the distilling chamber by a vacuum that is varied according to the carbonaceous material used and regulated by the temperature used and by the oil and gas being produced. With the process above described it is possible to obtain from coal oils that are brown in colour, greasy, not at all sticky and having none of the sticky, black, viscous characteristics of tar. Furthermore, when coal is distilled by the above process the oils that are obtained are high in tar acids and are free from napthalene, free carbon and other objectionable substances.

What I claim and desire to secure by Letters Patent of the Dominion of Canada is—

1. A process for distilling, carbonizing, or vapourizing solid carbonaceous materials, characterized by applying heat externally to a chamber in which solid carbonaceous material is arranged and protecting said material from the action of air, liquids or gases other than the gases and liquids evolved in the distilling operation, withdrawing under reduced pressure all of the evolved gases, vapours and liquids and causing them to travel through the coolest portion of the material in said chamber in escaping from the chamber, and collecting and immediately removing all of the oils and liquids evolved in the distilling operation.

2. A process for distilling, carbonizing, or vapourizing solid carbonaceous materials, characterized by arranging solid carbonaceous material in a chamber, heating the walls of said chamber and withdrawing under reduced pressure all of the evolved gases, vapours and liquids into a discharge passageway at the centre of the mass of material in said chamber, and removing from said centre passageway all of the evolved gases, vapours and liquids that enter same, the material in said chamber being protected, during the distilling operation, from the action of gases or oils other than those evolved from said material.

3. A process for distillling, carbonizing or vapourizing solid carbonaceous material, characterized by arranging solid carbonaceous material in a chamber that is sealed or cut off from the atmosphere and which is provided at its centre with a vertically-disposed perforated take-off duct that constitutes the sole outlet from said chamber during the distilling operation, applying heat externally to the wall of said chamber, thereby heating the material therein and withdrawing under reduced pressure all of the evolved gases, vapours and liquids into said take-off duct, and causing all of the gases, vapours and liquids that enter said take-off duct to flow downwardly through same and immediately escape from said take-off duct.

The general arrangement of the Wallace experimental plant and a sectional view of the retort are shown in figures 1 and 2. The retort shown in figure 1 is essentially the same as that described in the patent specifications, instead, however, of discharging the carbonized or spent substance by withdrawing the take-off duct through the bottom of the retort, the take-off duct is withdrawn from the top by removing cap plate (F). The capacity of this retort is 90 pounds of coal.

Shale Tested.—The shale sent to East St. Louis, by the Hon. Wm. Pugsley, was taken from an opening on seam No. 1, Frederick Brook, Albert Mines, and represented a fair average of the seam. The seam from which it was taken is 4½ feet wide. This information was received from the Hon. Wm. Pugsley.

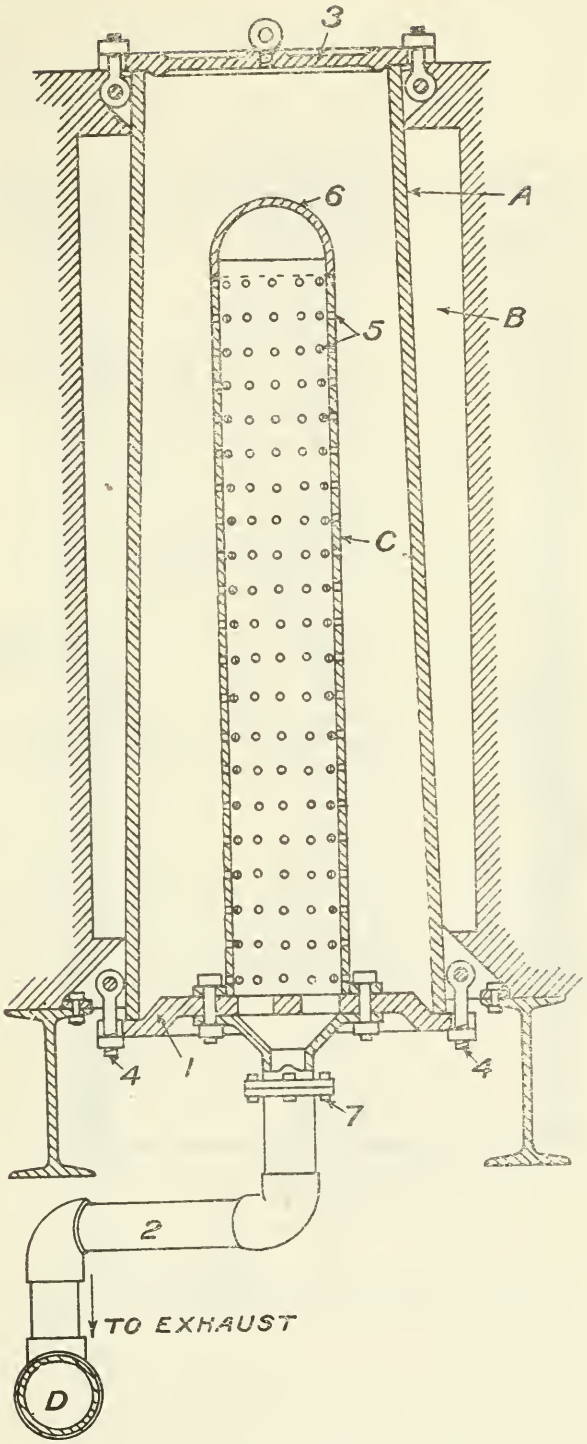


Fig. 1.—Detail of Wallace retort.

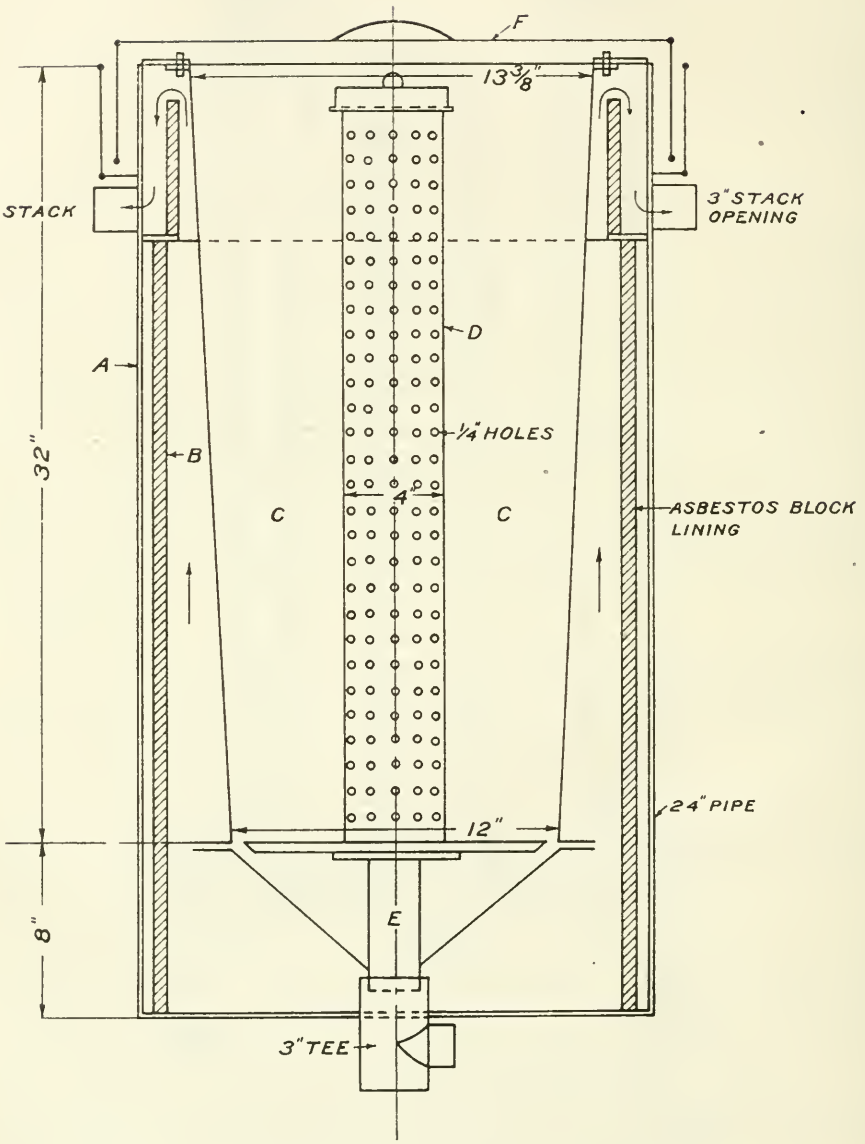


Fig. 2.—Detail of Wallace retort—capacity 90 lb. coal.

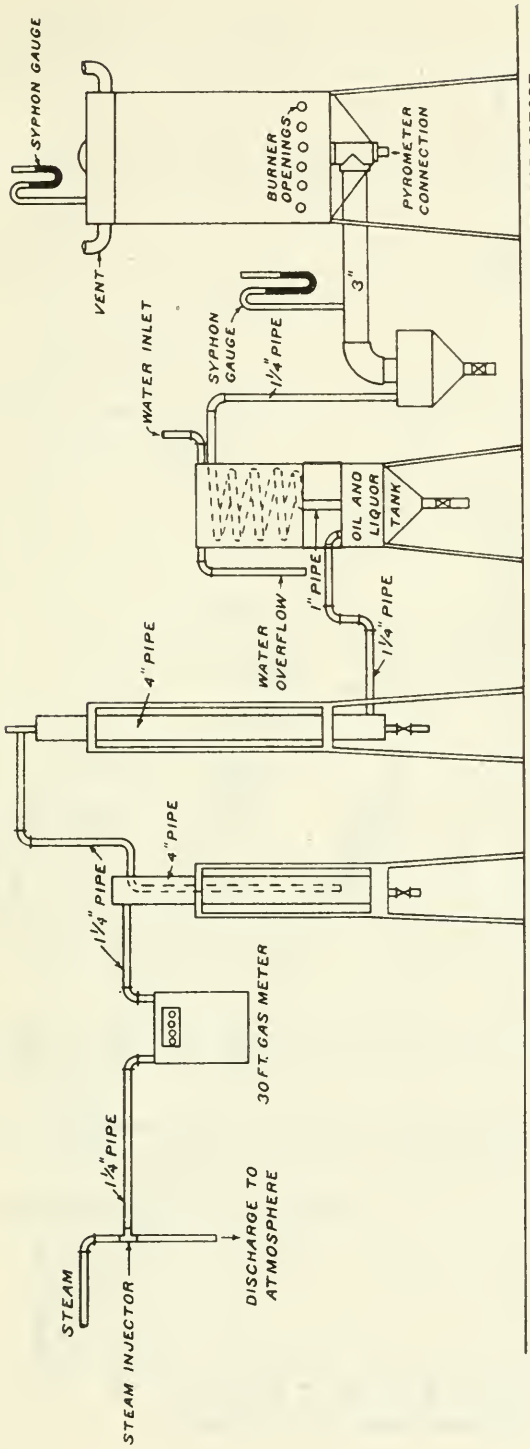


Fig. 3.—General arrangement of the Wallace experimental plant.

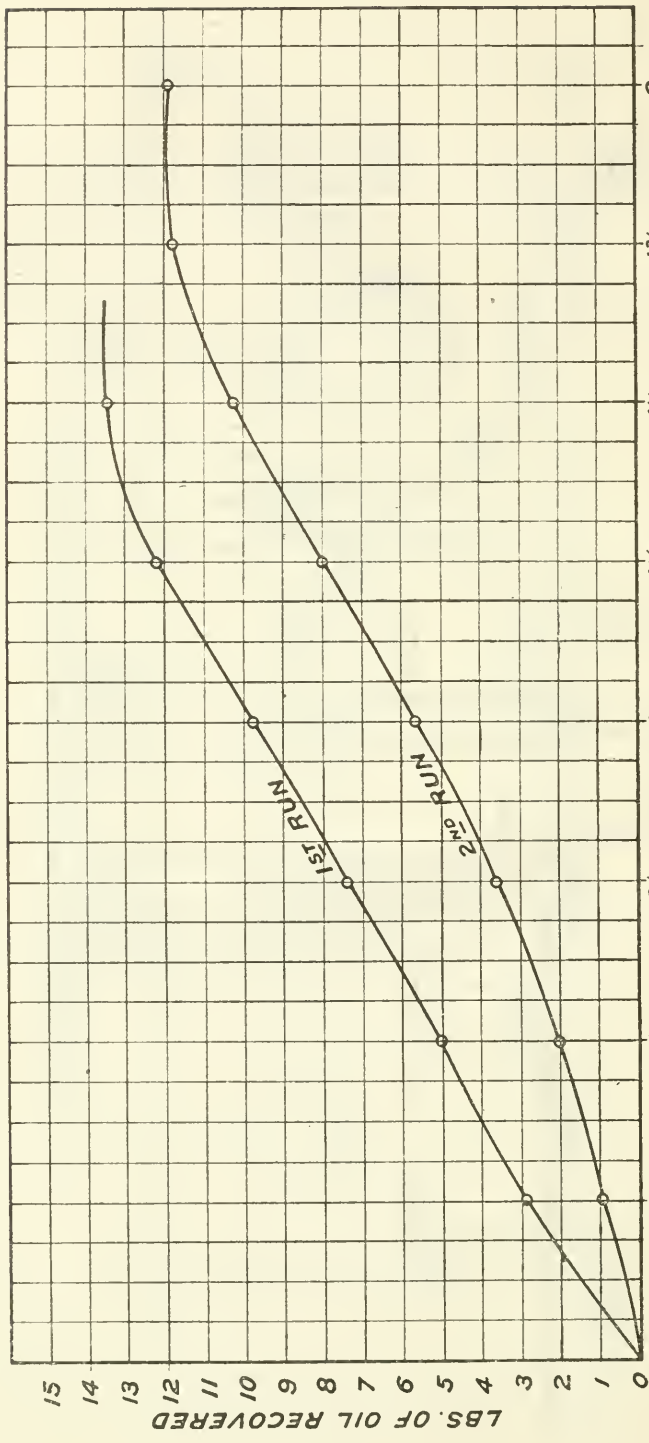


Fig. 4.—Chart showing oil distilled at 15-minute intervals

The shale was sent in two sealed sacks, and weighed 161½ pounds.

On the writer's arrival at the laboratory where the test was conducted, the sacks were opened, and the pieces of oil shale crushed to about ½-inch size. A general sample of the crushed shale was taken, and sent to Ottawa for the purpose of making a check test in the laboratories of the Fuel Testing Station.

Result of tests.—The total quantity of shale received at the laboratory of the St. Claire Gas Company was 161·5 pounds, and this was divided into two lots 81·5 and 80 pounds each, which were retorted in two separate tests.

Test No. 1.—Before charging, the retort proper was brought to a cherry-red heat, while the temperature of the combustion chamber was 1480° F. Pyrometers were placed in the combustion chamber, in the retort, between outside walls and off-take duct, and in the bottom of the eduction pipe, and the temperatures throughout this run were recorded at these points.

The test was commenced at 9.20 a.m., and concluded at 10.50 a.m. The following table gives the temperatures recorded at 15 minute intervals, and the quantity of oil and gas recovered at these periods:—

Time.	Temp. Combustion Chamber.	Temp. Retort.	Temp. Eduction Pipe.	Cu. Ft. Gas.	Weight of Oil.	
					Lb.	Oz.
9.20 a.m.	1480° F		1100° F			
9.35 "	1480 "	240 °F	600 "	30	2	15
9.50 "	1490 "	280 "	500 "	50	2	1
10.05 "	1510 "	510 "	510 "	20	2	6
10.20 "	1520 "	620 "	650 "	25	2	7
10.35 "	1540 "	720 "	700 "	25	2	6
10.50 "	1530 "	820 "	810 "	25	1	3

Summary of results.		Per ton of shale.
Shale charged	81 lbs. 5 oz.	
Oil recovered	13 " 6 "	43 U. S. gals.
Gas	175 cu. ft.	4,290 cu. ft.
Spent shale	52 lbs. 15 oz.	1,297 lbs.

The oil recovered, viz., 13 pounds 6 ounces, contained a small quantity of water which was not determined. The calorific value of the gas produced also was not determined.

Test No. 2.—The temperature of the combustion chamber and retort before the charge was inserted was considerably lower than that which obtained for the first test, consequently, the yield of oil at the end of the first 15 minutes period was much less than in the former test.

Only two temperatures were recorded during this run—the temperature of the combustion chamber, and of the off-take duct. The quantity of gas produced was not recorded.

Quantity of oil shale retorted—80 pounds.

Time.	Temp. Combustion Chamber.	Temp. Off-take Duct.	Quantity of Oil. Lbs.	Oz.
11.25 a.m.	1360° F.	740° F	—	—
11.40 "	1400 "	330 "	—	14
11.58 "	1410 "	400 "	1	3
12.10 p.m.	1420 "	510 "	1	8
12.25 "	1430 "	630 "	2	1
12.40 "	1440 "	710 "	2	6
12.55 "	1450 "	800 "	2	3
1.10 "	1460 "	900 "	1	8
			0	3

Summary of results.		Per ton of shale.
Shale charged	80 lbs.	
Oil recovered	11 " 14 oz.	39·6 U.S. gals.

An air leak developed during this run, which was found to be due to a defective gasket between the top cover plate and the top of retort, hence the lower yield of oil is probably due to the air admitted into the charge of shale oxidizing some of the oil.

The yields of oil for 15 minute intervals during the two runs is shown on the accompanying curves. The oil recovered from the entire sample of shale was shipped to the Hon. Wm. Pugsley, at his request, hence no analysis or tests were made to determine its character.

Analysis and results of test of sample of Oil Shale sent to Fuel Testing Station.

In order to check the results obtained with the Wallace retort, a general sample representing the entire quality of shale retorted, and a sample of the spent shale, were sent to the laboratories of the Fuel Testing Station in order to permit the necessary determinations to be made.

In regard to the method of retorting employed in the above laboratories, it must be borne in mind that no provision is made for charging the laboratory retort hot; therefore no attempt was made to determine the quantities of oil evolved at 15 minute intervals. In fact, such determinations are unnecessary, unless the quality of the oil is changing during the period of retorting on account of reactions effected by contact of the oil evolved with hot carbon, or by cracking due to contact with hot surfaces or exposure to high temperatures. Conditions of this nature did not obtain either in the Wallace retort or the retort employed in the Fuel Testing Laboratories. The latter retort was kept under perfect control as regards temperature.

Analysis—	As Received.	Dried at 105°C.
Moisture	0·9	—
Ash	61·1	61·6
Volatile matter	33·9	34·2
Nitrogen	0·9	0·9

Distillations.		No. 1. Without Steam. 740°C.	No. 2. With Steam. 550°C.
Yield of crude oil, per 2,000 pounds charged	Imperial gal.	35	39
	United States "	42	47
Yield of completely dried oil per 2,000 pounds charged	Imperial "	31·4	31·4
	United States "	37·6	37·3
Specific gravity, completely dried oil		0·87	0·89
Yield of gas per 200 pounds charged	cu. ft.	3,700	3,540
Composition of gas—			
Carbon dioxide		25·1	31·0
Illuminants		2·5	2·6
Oxygen		0·2	0·5
Carbon monoxide		19·8	5·2
Methane		24·6	23·2
Hydrogen		21·7	32·6
Nitrogen		6·1	5·1

	No. 1. Without Steam. 740°C.	No. 2. With Steam. 550°C.
Calorific value, B.Th.U. per cubic foot gross	419	395
" " " net	380	351
Yield of ammonium sulphate per 2,000 pounds charged..lb.	16	19
Nitrogen in residue..per cent.	0·5	0·7
Distribution of nitrogen from charge—		
In ammonia..per cent.	21	24
In residue.. "	42	58
In gas and unaccounted for.. "	37	18

Sample of spent shale from Wallace retort.

Nitrogen.. "	0·5

The yield of oil obtained with the Wallace retort checks remarkably well with that obtained with the retort employed in the laboratories of the Fuel Testing Station, especially since the maximum quantity of oil is extracted by means of the method employed in these laboratories.

The quantity of gas obtained is also in close agreement with that obtained in the Fuel Testing Laboratory.

If all of the nitrogen contained in the raw shale, with the exception of that contained in the residue after retorting, is recovered as ammonia, then we may assume that the recovery of nitrogen as ammonia in the two cases, is the same, since the nitrogen content of the spent shale in both cases is 0·5 per cent.

The Wallace retort is intermittent in operation, but this does not appear to be a disadvantage, since the charging and recharging can be easily accomplished with very little loss of time. Moreover, the withdrawal of the spent contents with the take-off duct insures better operation of the retort when it is freshly charged, since this permits both the take-off duct—which is perforated with many small holes—and the walls of the retort itself, to be thoroughly cleaned.

The retort employed at East St. Louis for distilling the New Brunswick shales was designed for investigating the coking properties of low grade coals, and since the coked mass of coal adheres to the take-off duct, the contents could be more advantageously removed by withdrawing the take-off duct through the top.

The New Brunswick shales exhibited a marked tendency to agglomerate and adhere strongly to the take-off duct, so that no trouble was experienced in withdrawing the spent shale in the manner described. Certain shales, however, disintegrate into fine particles when submitted to heat, and consequently, the spent charge cannot be withdrawn conveniently through the top. For this reason, provision is made for discharging the retorts through the bottom in the plant which is now in course of erection in Utah.

It is unfortunate that the retort was not so arranged that the quantity of heat required for retorting could be measured, since the commercial value of such a process largely depends on the heat which has to be supplied for retorting. With regard to this, however, the writer was informed that the expenditure of heat for retorting was low.

III.

CHEMICAL LABORATORIES OF THE FUEL TESTING STATION.

EDGAR STANSFIELD, *Chief Engineering Chemist.*

The regular personnel of the Chemical Laboratories of the Fuel Testing Station remained unchanged during the year. R. E. Gilmore was engaged throughout the year upon an investigation of lignite; J. H. H. Nicolls was in charge of work on coal and other solid fuels; T. W. Hardy in charge of gas analyses; R. C. Cantelo in charge of oil analyses; and J. Moran in charge of mine air analyses. In addition to the above, J. S. G. Shotwell acted as student assistant during June, July, and August.

The laboratory accommodation also remained unchanged during the year, although, as has already been stated, the accomodation is insufficient and unsatisfactory. It is extremely desirable that an entirely new laboratory building should be constructed to replace the scattered and temporary quarters at present available, and to permit and facilitate the development of the work.

The equipment has been increased by the purchase of the following special apparatus: 1 Edwards gas density balance; 1 Westphal specific gravity balance; 1 Crowell pressure and vacuum pump, with motor; 1 30-light, Monel metal, test meter; 2 constant pressure gas regulators; 1 Burrell's mine air analysis apparatus; 1 Sharples super-centrifuge; and 2 sets of modified Jones' riffles.

The total number of samples submitted for analysis during the year from outside sources was much in excess of that for 1917; the increase being entirely due to a more than 100 per cent increase in mine air samples. No count is made of the samples arising from the special investigations carried out in the laboratory. The reduction in the number of routine samples received, other than mine air samples, has allowed exceptionally good progress to be made with several important pieces of work, notably in connexion with the lignite investigation described elsewhere.

The samples received include: 788 mine air; 119 coal; 97 oil, gasoline, and grease; 6 oil shale, gravel, and sand; 3 natural gas; 2 ash; and 10 miscellaneous samples. Of the above samples 788 were analysed in connexion with the testing of mine air; 78 for the Geological Survey; 46 for the Department of Militia and Defence; 34 for the Fuel Controller; 33 for the Lignite Utilization Board; 7 for other Divisions of the Mines Branch; 4 for the Grand Trunk Pacific Railway; 4 for the Department of Public Works; 2 for the Department of the Interior; 2 for the War Purchasing Commission; 2 for the Department of Soldiers' Civil Re-establishment; 1 for the Department of Marine and Fisheries; 1 for the Imperial Ministry of Munitions; and 23 for private individuals. Seven hundred and forty-seven of the mine air samples came from British Columbia, 38 from Alberta. 2 from Nova Scotia and 1 from Ontario.

Marked progress was made during the year with the investigation on lignite previously referred to. The carbonization tests were carried forward to the point where sufficient data had been collected to make it possible to design a large scale retort. Briquetting tests were commenced and were in full operation at the end of the year; relative tests were made on a number of binders and on other possible variants in the preparation and treatment of briquettes. A short account of the work then completed was published in a paper by E. Stansfield and R. E. Gilmore, read before the Royal Society of Canada, May 1918, (Trans. Royal Soc. of Canada, series III 1918, Vol. XII, P. 121). A short summary, with tables and curves, of the completed tests on carbonization is given in the following appendix.

Another special piece of work was commenced towards the end of the year by R. C. Cantelo. He carried out a large number of chemical and physical tests on samples

of wash oils, before and after their use for the extraction of gasolene, in connexion with an investigation on the gasolene content of Canadian natural gases by D. B. Dowling of the Geological Survey.

The regular work of the laboratory was on the whole kept well up to date throughout the year. A marked exception was in the examination of mine air samples, as at the end of the year this work was much in arrears. Arrangements were made to transfer the testing of the mine air samples taken in British Columbia and Alberta from Ottawa to Vancouver, in order to save delay in transit. A duplicate equipment was prepared for Vancouver, but the change had to be postponed.

From October 1, the services of the writer were loaned by the Department of Mines to the Lignite Utilization Board of Canada; a body appointed primarily to establish a commercial industry in Saskatchewan; and in this connexion he made an extended tour through Canada and the United States, visiting carbonizing and briquetting plants, etc.

Five Mines Branch Bulletins Nos. 479-483 "Analyses of Canadian Fuels" a compilation of Canadian fuel analyses by E. Stansfield and J. H. H. Nicolls, were published early in the year: Part I, The Maritime Provinces; Part II, Quebec and Ontario; Part III, Manitoba and Saskatchewan; Part IV, Alberta and the Northwest Territories; Part V, British Columbia and Yukon Territories. Part IV includes an appendix on distillation tests of crude petroleum and its products. The writer read a paper on the Low Temperature Carbonization of Fuels before a general professional meeting of the Canadian Society of Civil Engineers in Toronto, and a paper on Fuels from the Chemists' Viewpoint before the Ottawa Branch of the Society of Chemical Industry.

IV.

LIGNITE CARBONIZATION.

Edgard Stansfield and Ross E. Gilmore assisted by J. H. H. Nicolls, T. W. Hardy, R. C. Cantelo, and others.

INTRODUCTION.

Although Canada has enormous deposits of coal, many parts of the Dominion are inadequately supplied with fuel. The industrial development of the country has apparently taken place largely without regard to its coal resources, or, more strictly, has developed with regard only to a coal supply from the United States. Moreover, certain large deposits of coal in the prairie provinces are difficult to utilize, being low grade fuel. An investigation, having for its objective the efficient use of such low grade fuels, is now being carried on by the Mines Branch of the Department of Mines. This report deals with a part of that investigation.

The problem of coal supply in southern Saskatchewan and Manitoba is serious, and yet possible of prompt solution on account of the Souris lignite coal field in that district. Because of the above, and because lignite from this district is particularly low grade, Souris coal was chosen for first consideration.

An analysis of a carload sample of coal received in Ottawa from the Shand mine near Estevan in the Souris field is given below; and for purposes of comparison, analyses are given of Phalen seam coal from the Sydney field, also of a typical anthracite sold in Ottawa.

TABLE I.

Comparison of Three Coals.

	Shand coal.	Sydney coal.	Anthracite.
Moisture ..... %	34.6	3.5	3.9
Ash ..... %	8.6	5.7	11.2
Volatile matter ..... %	24.9	33.1	4.3
Fixed carbon ..... %	31.9	57.7	80.6
Calorific value, calories ..... per gram.	3795	7510	7005

TABLE II.

Examples of Analyses—Estevan Area Lignite.

—	Estevan Upper Seam.	Estevan Lower Seam, Outcrop Sample.	Roche Percée.	Bienfait-Taylorton Seam.	Bienfait-Taylorton Seam.	Pinto.
Sample number	1427	1425	1445	1446	1438	1450
Proximate analysis :—						
Moisture %	36·5	36·0	34·5	36 3	35·1	35·5
Ash %	7·5	9·8	5 3	5·2	7·0	5·5
Volatile matter %	25·5	25·3	27·2	25·1	25·9	26·8
Fixed carbon %	30·5	28·9	33·0	33·4	32·0	32·2
Sulphur %	0·3	0·9	0·5	0·3	0·4	0·4
Calorific value :—						
Calories per gram	3720	3770	4140	3920	3930	4060
B. Th. U. per lb	6700	6780	7460	7070	7070	7310
Fuel ratio	1·20	1·15	1 20	1·35	1·25	1·20

Even if we recalculate the calorific value of the Shand coal to a moisture-free basis we get only 5,805 calories per gram.

Table II gives analyses of some other lignites from the Souris, or Estevan Area, coal field.

The low calorific value of the Souris coal is, however, not its chief drawback. The coal as mined consists of large lumps, but contains some 30 per cent of water. Thus for every 100 tons of dry coal shipped, handling charges and freight have also to be paid on some 43 tons of water. Moreover, when the coal is burned in a furnace this water has to be evaporated and sent up the chimney, with a consequent great loss of efficiency. If, on the other hand, the coal is stored, it gradually loses a large part of its contained moisture; but in so doing the lumps crack and crumble until the product is almost useless for ordinary purposes.

Methods for increasing the commercial value of this coal are easy to suggest. For example, it could be dried, powdered, and briquetted. Unfortunately, unlike German brown coal, it is so deficient in inherent binding material that a briquette made without the addition of a binder will not stand storage and handling; whilst briquetting with the addition of a binder is an expensive operation considering the low grade of the material to be treated. The briquettes moreover are so high in volatile constituents that they tend to disintegrate as soon as they are heated. Another suggestion would be to carbonize the coal and use the residue briquetted or otherwise. The volatile matter driven off from the coal by heat has a lower calorific value per gram than has the original coal, so that the residue is a higher grade fuel. The coal, however, does not soften and coalesce when heated, or, in other words, does not coke, so that

the product is a friable material bearing somewhat the same relation to the original that charcoal does to wood. This carbonized residue could be used in gas producers, or as powdered fuel, or, with the addition of a suitable binder, could be briquetted and employed generally as a fuel.

Much work has been done in different parts of the world on the utilization of lignites, and one must conclude from the results obtained that at present the most hopeful treatment for the Souris lignite is low temperature carbonization, and the briquetting of the residue with addition of a binder. In this connexion it may be mentioned that it has long been known to fuel specialists that a truly economical use of most bituminous coals necessitates a preliminary carbonization with recovery of by-products. The importance of this is now very widely understood, and it is reported that the direct combustion of coking coals is prohibited in Germany.

Although, as stated above, much work has been done on the utilization of lignites, comparatively little exact information has yet been published on the carbonization of lignites.

The carbonization experiments have been subdivided into small scale laboratory tests, large scale laboratory tests, and semi-commercial tests. In the first of these, samples of about a quarter of an ounce were taken; this scale of work allowed of very exact control of the conditions of the experiment and also allowed a large number of experiments to be carried out, under widely varying conditions, within a reasonable time. It was not possible, however, to study the by-products. The results are being used to cut down unnecessary work in the larger tests, they are also valuable as checks on the accuracy of control in all subsequent experiments. In the large scale laboratory experiments samples of about five pounds are treated, and all the products are carefully collected and examined.

The semi-commercial tests will follow shortly.

In these carbonization tests the results determined include the yield and calorific value of the carbonized residue; the yield, composition, and calorific value of the gas generated; the yield, calorific value, and economic value of the tar oils produced; and the ammonium sulphate yield available. The conditions under which the lignite is carbonized are varied in order to show the influence on the results of: the final temperature to which the charge is heated, the rate of heating, the pressure in the retort, and the atmosphere in the retort.

The primary object of the investigation is not to design a commercial plant, but to obtain the accurate data essential for the scientific design and control of such a plant. The commercial significance of the results being obtained can readily be seen in connexion with the following points:—

Temperature Control.—Coals are carbonized commercially in retorts operated either intermittently or continuously. Each method has advantages of its own, but the results, especially with regard to tar and gas yields are often markedly different. The coal near the walls of intermittent retorts is heated rapidly and to a high temperature, the coal in the centre of the charge is heated slowly and to a lesser temperature. In continuous retorts all the charge is heated slowly, although there may be the same temperature difference between the centre and the walls. When the best temperature conditions are known it will be possible to design a retort in which they can be approximated. Some variation will, however, probably be necessary for economy of construction, upkeep, and operation, and the data obtained will enable the loss due to the changed temperature treatment to be balanced against the gain in economy.

Pressure in Retort.—Experiments have been and are being carried out under low pressure, atmospheric pressure, and high pressure. It is known that by distilling bituminous coal in vacuo, the tar yield is increased and its nature profoundly changed; it is yet to be determined whether there is any increase in the economic value of

lignite tar thus obtained, commensurate with the increased cost of the process. The high pressure experiments were planned with the idea that the product might require the addition of less binder to form a satisfactory briquette, but this point is yet to be settled. Carbonization of dry lignite under pressure, however, has been shown to give a product of distinctly higher calorific value than normal.

Atmosphere in Retorts.—Steam distillation of oils, etc., is commonly employed as an economical substitute for vacuum distillation. The effect of the atmosphere in both steam and pressure carbonization tests was found to be quite considerable, and the results indicate that this subject will require careful consideration in any commercial scheme.

SMALL SCALE LABORATORY EXPERIMENTS.

Coal.—The particular coal chosen for most of these experiments was from the Shand mine of the Saskatchewan Coal, Brick and Power Co. The sample, which consisted of a single lump of coal shipped by express from the mine in a wooden box, was crushed, and then ground to a fine powder in a ball mill. For convenience of manipulation, and as a prevention against the rapid change which a powdered coal undergoes owing to moisture loss and oxidation, this powder was briquetted in a small hand press. The briquettes were cylindrical, ¼ inch diameter, about ¼ inch long, and ran about 5 or 6 to the gram. They were stored in stoppered weighing bottles until required, and from time to time control moisture determinations were made upon them. It might be noted that during a period of two months the moisture content fell only 1 per cent from an original of over 30 per cent.

The average analysis of this coal was: moisture 31·8 per cent, ash 5·2 per cent, volatile matter 28·9 per cent, and fixed carbon 34·1 per cent. Its gross calorific value was 4,260 per gram.

Apparatus.—The apparatus used for most of the experiments consisted of a cylindrical iron retort 1½ inches high and 1½ inches diameter, inside measurement, having a lid which was held on by a small clamp, the joint being rendered air-tight by means of an asbestos gasket. A small inlet tube was screwed into the bottom of the crucible, and an outlet tube into the lid; the inlet and outlet tubes being so arranged that the retort could be completely immersed in an oil or lead bath. For the experiments under pressure a slightly larger and heavier retort was employed, with a hexagon screw cap and rendered gas-tight with an asbestos-copper gasket. The inlet tube was dispensed with, and a pressure gauge and relief valve connected to the outlet tube

The coal briquettes employed in each test were weighed out into a 10 gram. capacity quartz crucible which fitted inside the iron retort. The heating was done by immersing the retort in a bath, which for tests up to 300° C. was of oil and for those above that temperature of lead. The lead was contained in a 4-inch length of 4-inch iron pipe with a cap end, and was heated in a gas-fired furnace which gave a very uniform temperature throughout the bath, and which permitted of rapid heating and easy control. The temperature was followed by two pyrometers immersed in the lead.

The pyrometers employed were calibrated from time to time by means of the freezing points of lead and zinc. The recorded temperatures are probably correct to within 5°C.

Procedure.—The general procedure, modified in the particular cases noted, was as follows. From 3 to 10 grams of the briquetted sample was weighed out into the quartz crucible, this was placed in the iron retort and the top clamped down. A gentle stream of dried coal gas was passed in through the inlet tube to displace the air, the gas was then cut off and the retort immersed in the bath of oil or lead, previously heated to almost the desired temperature. The progress of carbonization was watched by causing the evolved gas to bubble through a little water; it was thus

found that 1½ hours was sufficient to complete the operation. In every case after the lead bath had been finally adjusted to the desired temperature, this temperature was maintained for at least half an hour. At the end of the experiment the retort was taken out of the bath and cooled as rapidly as possible, cold water being run over it to complete the cooling. A little dried coal gas was also passed through the apparatus during this period to prevent the oxidation of the hot product by air drawn in as the gases contracted. When quite cold the retort was opened and the quartz crucible weighed to determine the loss in weight of the briquettes during the experiment. The calorific value of the carbonized briquettes was then determined by means of a Riche adiabatic calorimeter using a platinum resistance thermometer. Ash and volatile matter determinations were also made in many experiments.

The water content of the original briquettes was determined by heating for one and one-half hours in a toluol oven in a stream of carbon dioxide. By means of this the results obtained above were recalculated to a moisture-free basis.

For reasons given below it was found necessary to standardize the conditions, especially the time factor, in all operations with the dried or carbonized residue. The quartz crucible and contents were always weighed in a stoppered weighing bottle. The residue at the close of an experiment was weighed as soon as cold to determine the loss in weight, and the portion required for the calorimeter was weighed out by difference as nearly as possible fifteen minutes after stopping the heating.

Calculations and curves.—For each test the loss in volatile matter was determined by subtracting the weight of the moisture in the sample taken from the observed loss, the result being expressed as a percentage of the equivalent weight of dry coal. This is referred to as the percentage loss of weight (volatile matter) on a moisture-free basis. It should be noted that water originally present in the coal is not regarded as volatile matter in the technical use of that phrase, although water produced by the decomposition of the coal is included in the volatile matter.

In diagram I the loss of volatile matter is shown plotted against the temperature at which the experiment was carried out; a separate curve being shown for each of the series of tests described below. In a few cases the points given represent the average of two or more results. Diagram I also shows the calorific value of the carbonized residue from each test, these values being similarly plotted against the temperature of carbonization.

Diagram II shows the calorific value of the carbonized residue plotted against the yield; the yields being shown as percentages of both the original coal and the moisture-free coal. These curves are also deduced from the rounded curves in diagram I.

Table III shows the summarized results of all the tests. For ease of comparison, the results given are taken from the rounded curves in the diagrams at definite temperature intervals.

All results have been calculated to a moisture-free basis as described above. This gives a more stable basis for comparison, as the moisture in the coal as received is liable to show considerable variation. It is also a more satisfactory basis when it is desired to compare results with coals from different sources.

The residue from a moisture determination, in an atmosphere of carbon dioxide in a toluol oven, is taken as the moisture-free basis for all calculations and curves, it being assumed that no volatile matter is driven off at 110°C.

Regular Series of Tests on Shand Coal.—Nine completed tests were run in this series over a temperature range of from 200° C., to 700° C., the general procedure given above being followed. In addition, moisture determinations in the toluol oven were regarded as giving the comparable results for a temperature of 110° C., and standard volatile matter determinations, in a platinum crucible over a gas flame, the results for a temperature of approximately 900° C.

The results obtained, as shown in the curves, indicate that the loss of volatile matter is slight up to 300° C., from there up to 600° C., the loss increases rapidly, and by 700°C. the volatile matter has nearly all been driven off. The calorific value of the residue increases steadily up to 500°-600°C., and then commences to decrease.

A very striking phenonemon, first observed in connexion with the vacuum series, was later found to take place with every sample of dried or carbonized lignite. The residue in every case rapidly gained in weight after removal from the retort, even when stored in a desiccator over sulphuric acid, its calorific value at the same time decreasing. This was later shown to be mainly due to occlusion of air. The results given in the curves and in the tables are, with the exceptions noted, for weights and calorific values determined immediately after the experiment.

Slow Carbonization Series on Shand Coal.—Six completed tests were run in this series over a temperature range of from 390° C. to 700° C. The procedure was the same as in the regular series, except that, instead of the retort being heated rapidly up to the desired temperature, it was first heated to about 250° C. in the oil bath, then transferred to the lead bath, and its temperature slowly raised to the required point.

The results show a strong similarity to those of the regular series, but for any given final temperature, slow heating caused a slightly lower loss of volatile matter. The calorific values were rather erratic but showed no marked difference from the above. It should be noted in this and the following cases, that even where the yields and the calorific values are similar in two series, it is no indication that the by-products are also alike. As has already been stated, the by-products are to be examined in a later investigation.

This series was not repeated after standardization of the time factor. The calorific values obtained were therefore omitted from the curves and tables.

Vacuum Series on Shand Coal.—Eight completed tests were run in this series over a temperature range of from 355° C. to 705° C. The procedure differed from the regular in that the inlet tube of the retort was closed, and the outlet tube connected through a receiver to a good water pump; the pressure in the retort being thus kept below 25 mm. of mercury.

The results show, as was expected, that at any temperature the percentage of volatile matter driven off is greater than at ordinary pressures; but the difference is not so great as was expected. The calorific value of the residue is the same as in the regular series at 350° C., above this temperature it is distinctly less.

Steam Series on Shand Coal.—Six completed tests were run in this series over a temperature range of from 355° C. to 655° C. The general procedure was followed, except that a gentle current of steam was passed in through the inlet tube whilst the retort was being heated, dry coal gas being passed through as usual during the cooling period.

The results were similar to those of the regular and vacuum series up to a temperature of about 450° C. Above this temperature a secondary action appears to influence the results, this being very marked above 600° C. This disturbing influence is no doubt the chemical reaction, well known in connexion with gas producers, between steam and carbonaceous matter, whereby carbon dioxide, carbon monoxide, and hydrogen are produced, and the yield and calorific value of the residue decreased. It is quite obvious that the results actually obtained in this series were dependent on the quantity of steam passed through and the duration of the heating. That fairly smooth curves were obtained was due merely to the fact that the quantity of steam and the time of heating were approximately the same in each case. If these had been sufficiently increased, at any rate at the higher temperatures, the coal would have been burned to ash.

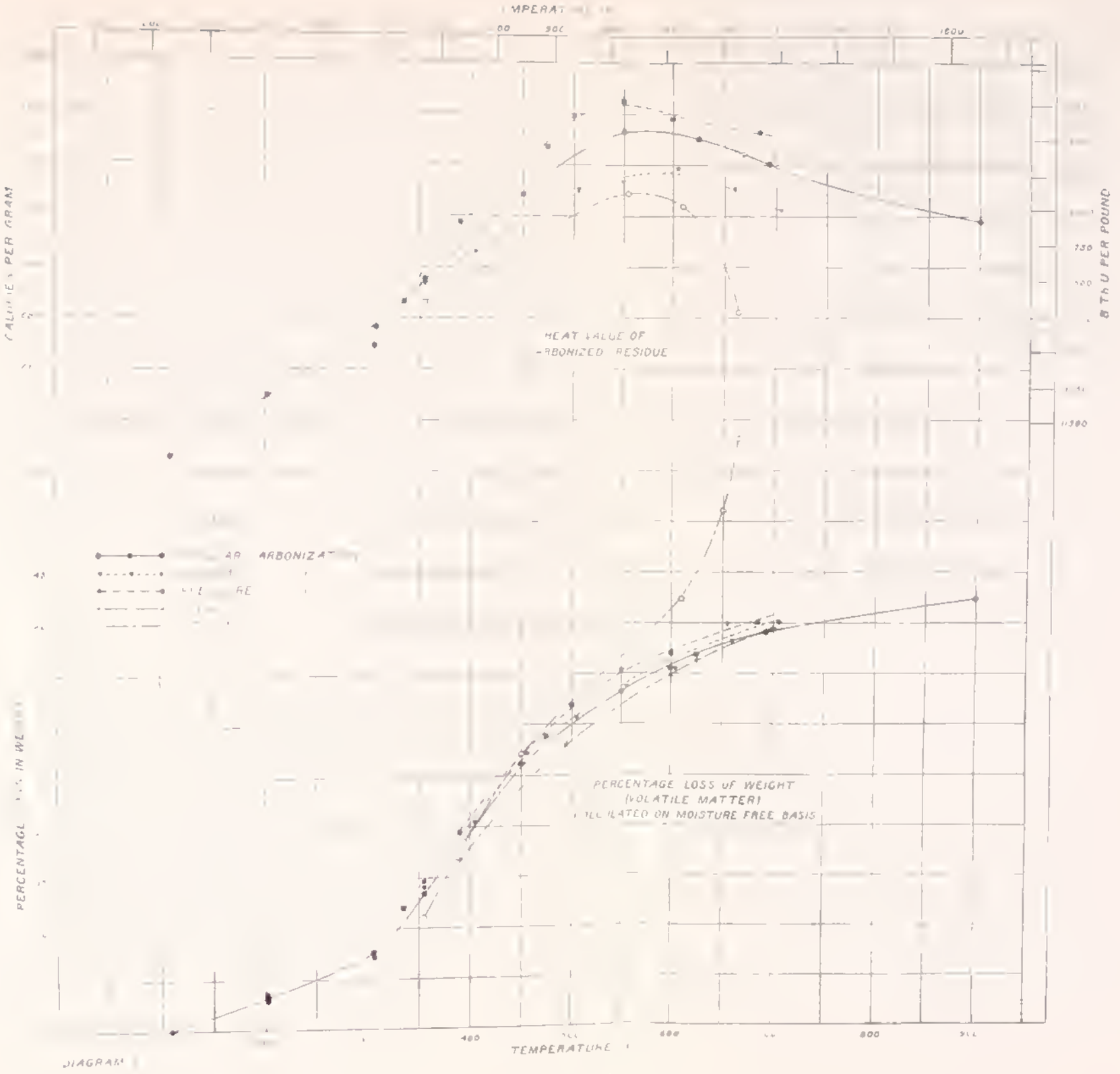

HEAT VALUE OF
PERCENTAGE LOSS OF WEIGHT
(VOLATILE MATTER)
TEMPERATURE
B TH U PER POUND

Diagram 1

The calorific values shown in the curves were not determined immediately after the experiment. The results to be obtained are so dependent on the quantity of steam passed through, that it was not thought necessary to repeat this series according to the later standardized method. The yield curve is probably correct as it stands, but the calorific value curve, and the results deduced therefrom, are probably uniformly two or three per cent too low.

Pressure Series on Shand Coal.—Eight completed tests were run in this series over a temperature range of from 335° C. to 685° C. The special retort described above was employed, and the general procedure was modified in that the retort was closed so that the volatile products could not escape. When the charge was first heated the pressure rose rapidly to above 120 pounds per square inch, but the relief valve being opened as required the pressure was reduced and maintained as close to that figure as possible. At the end of the experiment the retort was cooled with the valve shut.

Trouble was experienced in this series from the water in the coal. In the first place it volatilized and created a big initial pressure; and then, after this had been relieved by the valve, the steam still remaining in the retort gradually passed into the exit tube and condensed, causing the pressure in the system to fall below the desired minimum. In the second place, the steam in the retort reacted with the coal as described in the previous series, and masked the results it was desired to study. Seven experiments in this series were therefore carried out using coal briquettes previously dried in carbon dioxide in a toluol oven. In one experiment at 335° C. moist coal was used, the steam effect at that temperature being negligible.

The results are remarkable in that they agree most closely with those of the vacuum series. The calorific values, however, are distinctly higher than in any other series, reaching a maximum at about 550° C. and then rapidly falling off.

TABLE III.

Carbonization of Shand Lignite—Small Scale Laboratory Experiments. Summary of Results.

Temperature of Carbonization. °C.	Regular.			Vacuum.			Steam.			Pressure.		
	Yield of residue.	Calorific value.	Thermal efficiency.	Yield of residue.	Calorific value.	Thermal efficiency.	Yield of residue.	Calorific value.	Thermal efficiency.	Yield of residue.	Calorific value.	Thermal efficiency.
110	100·0	$6,260	100·0	–	–	–	–	–	–	–	–	–
200	96·8	6,485	100·3	–	–	–	–	–	–	–	–	–
300	92·8	6,750	100·0	–	–	–	–	–	–	–	–	–
350	87·4	6,920	96·6	86·3	6,920	95·4	89·8	6,850	98·3	86·0	6,960	95·6
400	80·5	7,110	91·4	79·6	7,045	89·6	81·0	6,970	90·2	79·0	7,205	90·9
450	74·2	7,280	86·3	73·5	7,170	84·2	72·8	7,090	82·4	73·1	7,400	86·4
500	70·0	7,435	83·1	69·5	7,280	80·8	67·8	7,200	78·0	68·4	7,575	82·8
550	66·8	7,530	80·4	66·5	7,355	78·1	63·4	7,285	73·8	65·0	7,640	79·3
600	64·2	7,520	77·1	63·7	7,365	74·9	58·7	7,255	68·0	62·8	7,595	76·2
650	62·1	7,470	74·1	61·5	7,315	71·9	49·0	7,060	54·8	60·9	7,550	73·4
700	60·8	7,390	71·8	59·8	7,230	69·1	–	–	–	59·2	7,515	71·1
800	59·1	7,270	68·6	–	–	–	–	–	–	–	–	–
900	57·7	7,180	66·2	–	–	–	–	–	–	–	–	–

NOTE:—The yield is the weight of the residue as a percentage of the moisture free coal. Calorific values are given in calories per gram of residue. The thermal efficiency is the heat value of the residue as a percentage of the total heat value of the original sample.

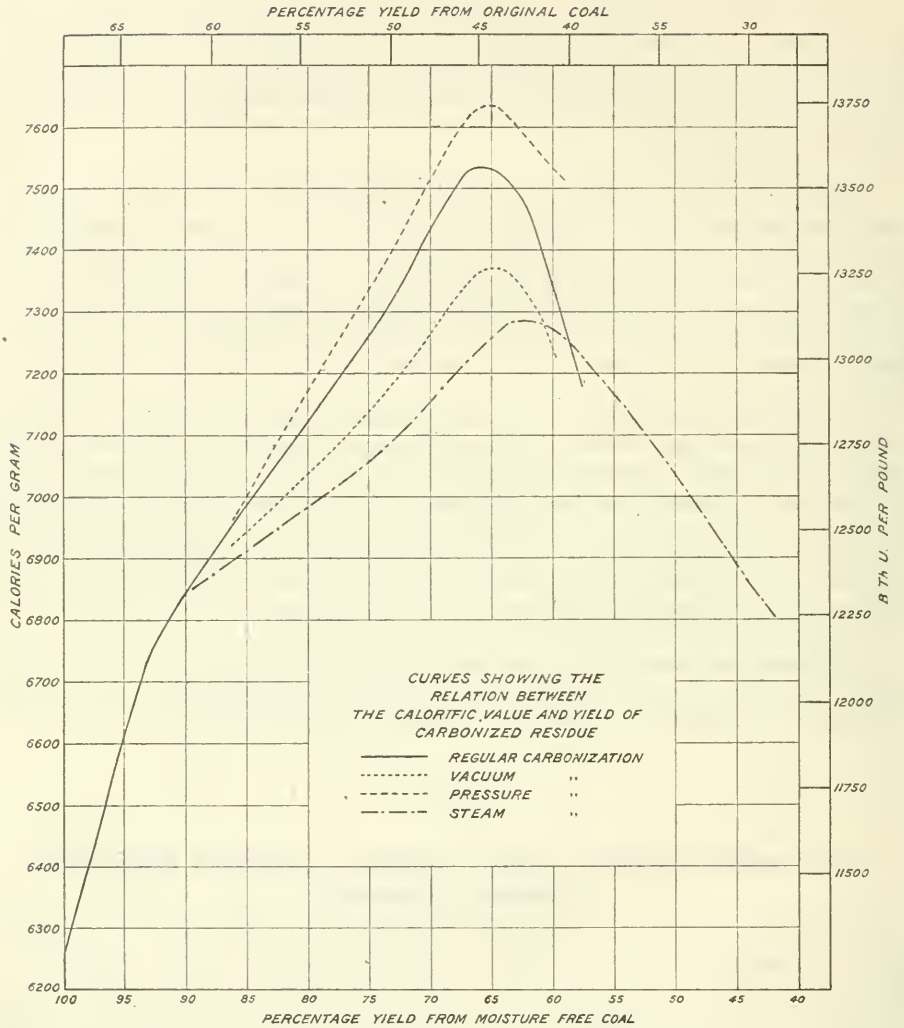


Diagram II.

Regular Series on other Lignites.—Comparative tests have been made on lignite samples from the West Dominion Collieries, Taylorton, Sask.; Wm. Halberts mine, Trochu, Alta.; and Cardiff Collieries, Cardiff, Alta. The procedure followed was that described under "Regular Series on Shand Coal." Diagrams III, IV, V, and VI show in comparable form the results obtained with the Shand coal and the three coals enumerated above. In these curves the calorific value of the residue, and also its percentage content of moisture, ash, and volatile matter, are shown plotted against the percentage yields on the basis both of coal as charged and of dry coal. The temperatures of carbonization at which the different yields are obtained are also shown. No determinations of ash and volatile matter were made in the experiments with Shand lignite, the curves shown for these are therefore theoretical. With the other three samples these determinations were made, and both the theoretical and determined curves are shown. It will be noted that the determined ash is always lower than that calculated from the loss in weight. The relation between the determined and the calculated volatile matter is less regular, but generally the former is the lower.

Tests on lignites from other fields are now in progress.

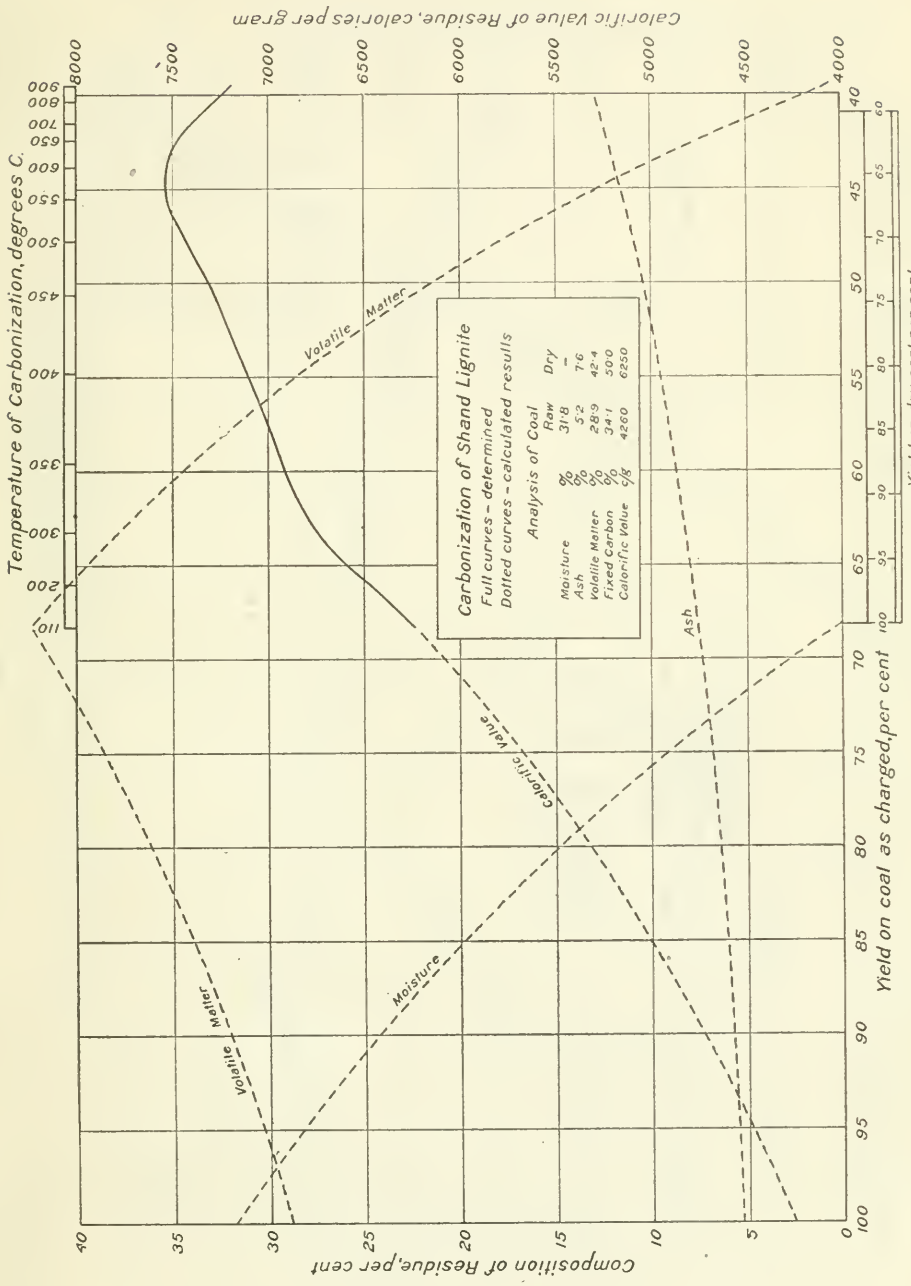

Calorific Value of Residue, calories per Gram
Temperature of Carbonization, degrees C.
Yield on coal as charged, per cent
Yield on dry coal per cent
Composition of Residue, per cent
Carbonization of Shand Lignite
Full curves - determined
Dotted curves - calculated results
Analysis of Coal
Raw
Dry
Moisture %
Ash %
Volatile Matter %
Fixed Carbon %
Calorific Value c/g
31·8
5·2
28·9
34·1
4260
7·6
42·4
50·0
6250
Volatile Matter
Moisture
Ash
Calorific Value
Volatile Matter

Diagram III.

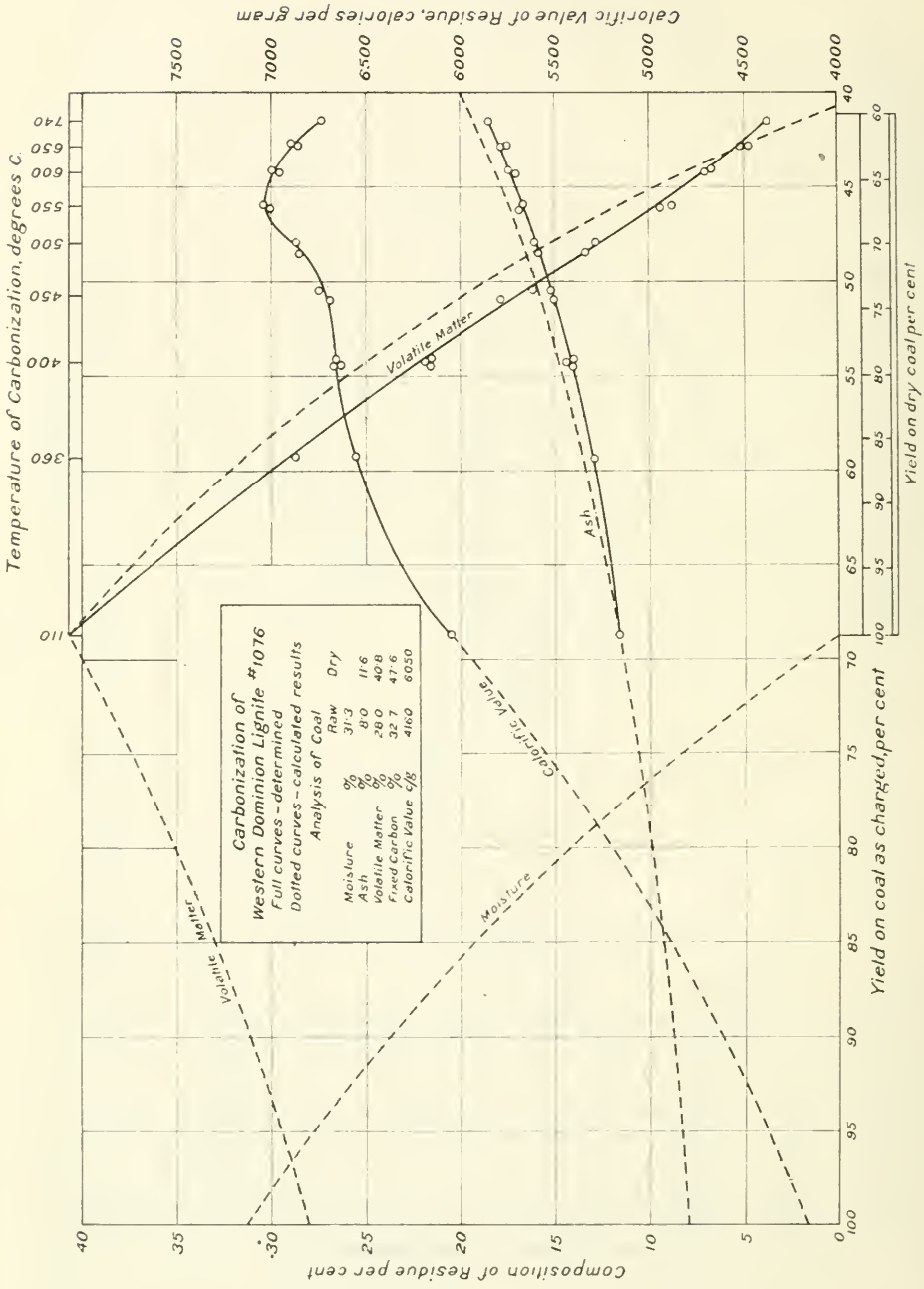

Temperature of Carbonization, degrees C
110
360
400
450
500
550
600
650
740
Calorific Value of Residue, calories per gram
7500
7000
6500
6000
5500
5000
4500
4000
Yield on dry coal per cent
40
45
50
55
60
65
70
75
80
85
90
95
100
Yield on coal as charged, per cent
70
75
80
85
90
95
100
Composition of Residue per cent
40
35
30
25
20
15
10
5
0
Volatile Matter
Ash
Calorific Value
Moisture
Carbonization of Western Dominion Lignite #1076
Full curves - determined
Dotted curves - calculated results
Analysis of Coal
Raw
Dry
Moisture % 31·3
Ash % 8·0 11·6
Volatile Matter % 28·0 40·8
Fixed Carbon % 32·7 47·6
Calorific Value c/g 4160 6050

Diagram IV.

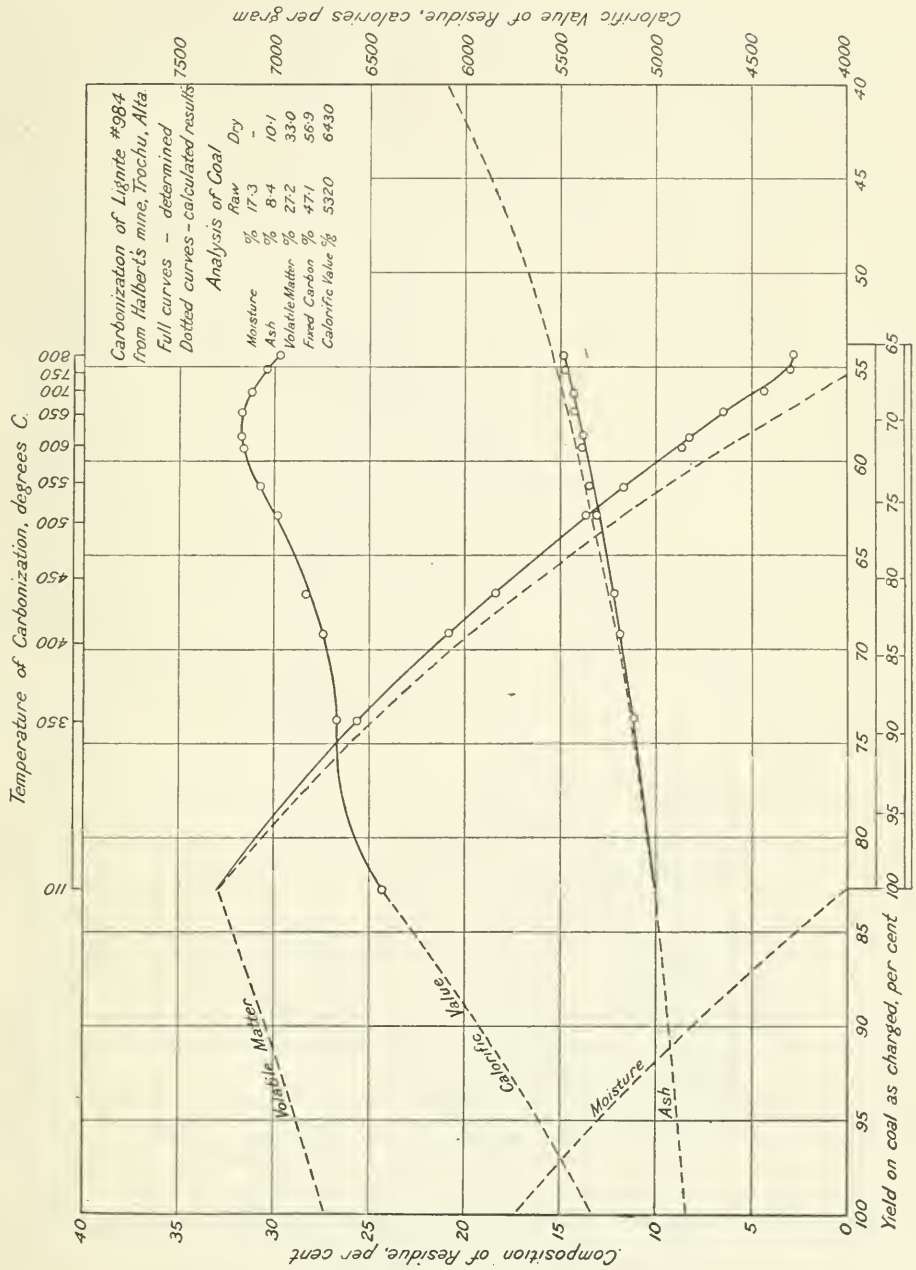

Carbonization of Lignite #984
from Halbert's mine, Trochu, Alta
Full curves - determined
Dotted curves - calculated results
Analysis of Coal
Raw Dry
Moisture % 17·3 -
Ash % 8·4 10·1
Volatile Matter % 27·2 33·0
Fixed Carbon % 47·1 56·9
Calorific Value % 5320 6430
Temperature of Carbonization, degrees C.
Calorific Value of Residue, calories per gram
Composition of Residue, per cent
Yield on coal as charged, per cent
Yield on dry coal, per cent
Volatile Matter
Calorific Value
Moisture
Ash

Diagram V

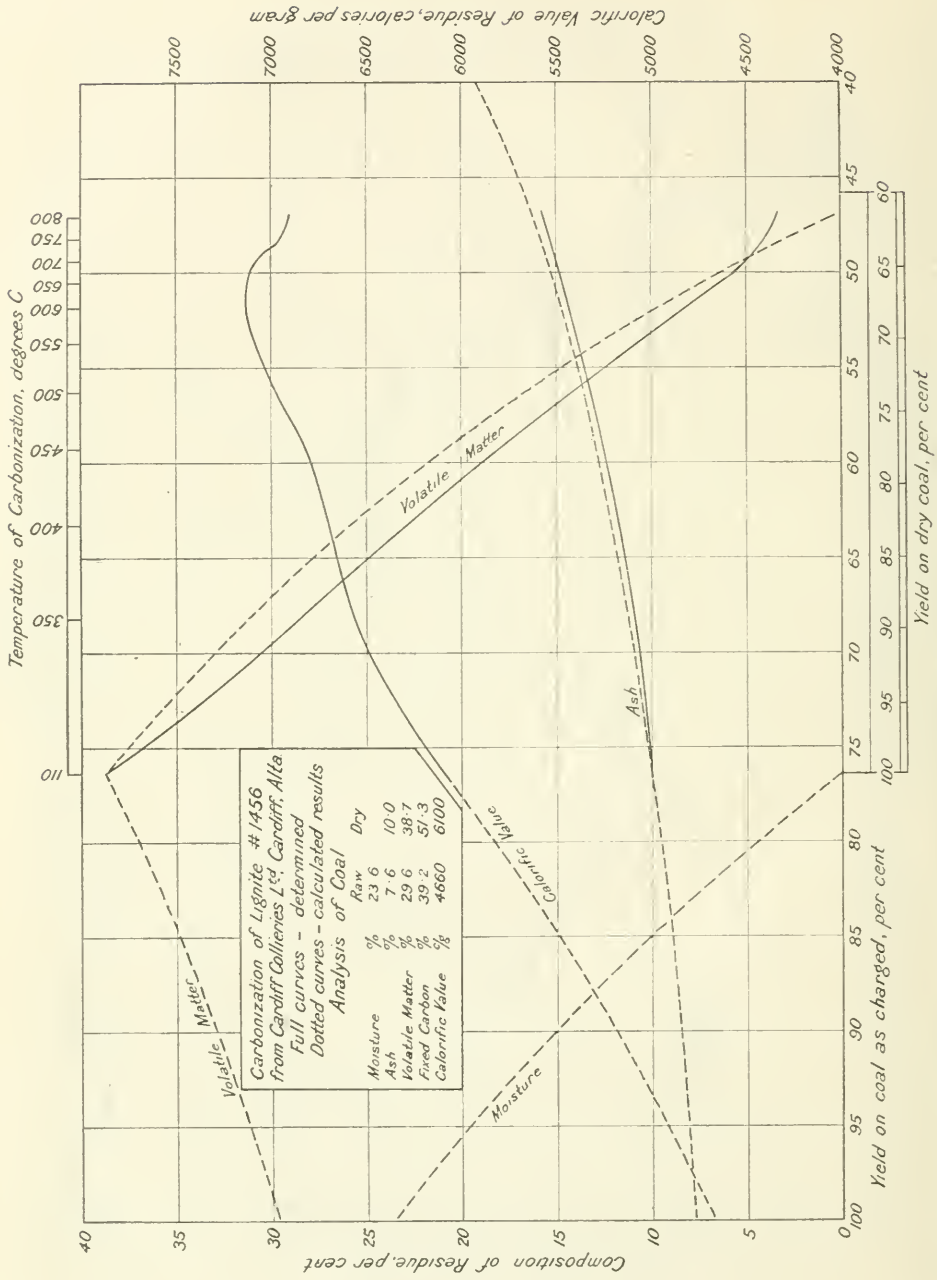

Carbonization of Lignite #1456
from Cardiff Collieries Ltd. Cardiff, Alta
Full curves - determined
Dotted curves - calculated results
Analysis of Coal
Raw Dry
Moisture % 23 6
Ash % 7 6 10 0
Volatile Matter % 29 6 38 7
Fixed Carbon % 39 2 51 3
Calorific Value % 4660 6100
Volatile Matter
Moisture
Ash
Calorific Value
Temperature of Carbonization, degrees C
Composition of Residue, per cent
Yield on coal as charged, per cent
Yield on dry coal, per cent
Calorific Value of Residue, calories per gram

Diagram VI.

LARGE SCALE LABORATORY EXPERIMENTS.

In the small scale experiments only the residue left from the carbonization of lignite under specified conditions was studied, and its yield, calorific value and analysis determined. In the large scale laboratory experiments the results determined include the yield and calorific value of the carbonized residue; the yield, composition, and calorific value of the gas generated; the yield, calorific value, and economic value of the tar oils produced; and the ammonium sulphate yield available. The conditions under which the lignite was carbonized were, in the experiments here described, only varied to show the influence on the results of the final temperature to which the charge is heated, the rate of heating, and the moisture condition of the coal treatment. Further experiments are well under way which show the effect of the pressure in the retort and the atmosphere in the retort.

Apparatus.—The apparatus designed for and employed in most of these tests embodies three important features: an accurate temperature control; the reduction, as far as possible, of the temperature lag from the walls to the centre of the charge; and the complete removal and easy collection of the tar vapours. The general layout of the apparatus is shown diagrammatically in Fig. 5.

The temperature control is effected by the use of an electrically heated lead bath, B, with suitable thermal insulation. The bath rests on a movable platform which can be raised by a screw C. The temperature is observed by means of a pyrometer and regulated by switches and a rheostat.

The reduction of lag is effected by the use of a tubular retort A. This consists of seven 12″ lengths of 2″ boiler tubing, mounted into a cast iron head. No part of the charge is thus more than 1″ from the walls of the retort, which has a capacity, to the top of the tubes, of 2,300 grams of pea size lignite with about 35 per cent moisture content.

A satisfactory method for collecting the tar was only evolved after many weeks of work and many failures. Not only was it hard to remove the last traces of tar fog, but the condensate was usually in the form of a watery emulsion, very difficult to handle.

The method employed is as follows: the hot gases leaving the retort pass down through the centre tube of a small scrubber D, made of iron pipe and containing three interlacing coils of wire, passing up again through a surrounding annular space; the whole being jacketed with superheated steam. The heavy tar oils are here condensed in a practically water free condition, and drop into a weighed glass beaker. The lighter oils, steam, and gases pass on and down through a simple tubular condenser E where the two former condense and collect in a receiver, the oils floating on the water and showing only a slight tendency to emulsify. The cool gases leaving the condenser still contain some tar fog; they are therefore passed down through a tube scrubber F filled with glass beads (and a short layer of glass wool shown shaded) through which a jet of steam from a weighed boiler is also passed. The bottom half of this scrubber is water cooled. This scrubber completely removes the tar fog from the gas; the oil first condensed on the beads acts as an oil scrubber collecting more of the tar, the steam prevents the clogging of the scrubber by keeping the tar hot and fluid, and also, when condensing at the bottom, carries down with it any vapours still remaining. The gases are thus completely cleaned, and all the liquid products as well as the ammonia from the lignite are collected in the vessels and can be readily weighed and examined. The tar oils thus collected are reasonably free from water and can be redistilled without excessive bumping or frothing. The gases leaving the scrubber F pass through a final cooling tube G, through a gas meter H, and into a gas holder which is not shown.

For temperatures above 700° C. a smaller apparatus was employed, and no lead bath. The retort consisted of a simple piece of 3″ boiler tube 16″ long. It was heated by placing it inside a tube of 3″ bore heated electrically by means of coils of

nichrome wire wound round the outside. A charge of 1,000 grams was taken for all experiments with this retort. The temperature of the lignite was observed by means of two pyrometers, one in the centre and one near the wall of the retort, about 5″ or 6″ from the bottom. As lignite shrinks during carbonization the pyrometers were approximately in the centre of the mass at the end of an experiment. The temperature was found to be fairly uniform throughout the charge, but the control is not as exact as with the lead bath heater; this is indicated in the temperature column in the tables.

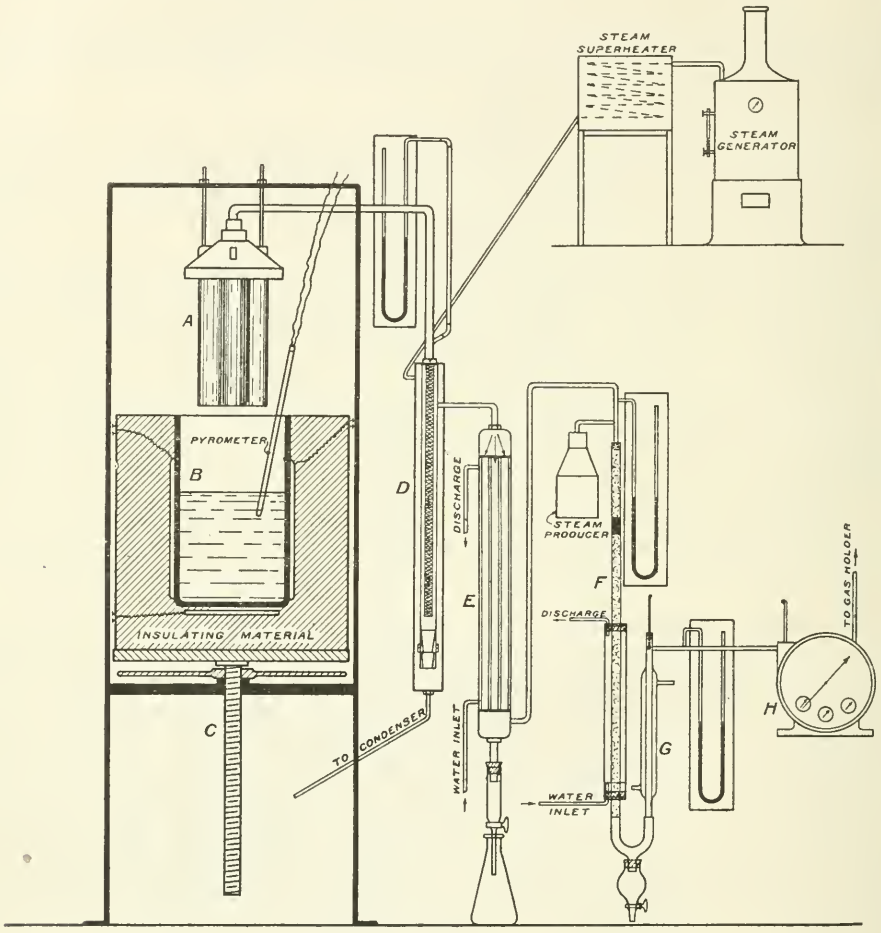


Fig. 5.—Apparatus for lignite carbonization.

The gases and vapours leaving the retort were treated in the apparatus already described, with the exception that the first condenser D was omitted on account of the smaller quantity of gas to be treated. The effect of this omission of fractional condensation is shown in the high moisture content of the crude tar oils as given in table X.

Regular Series of Tests, Rapid Heating.—In the experiments the retort was charged, usually with pea-sized lignite containing about 34 per cent moisture, but in a few experiments with dried lignite, and connected to the purifying train which was then swept out with gas from a previous run. The lead bath, heated to temperature

higher than that desired for the test in order to allow for the cooling effect of the retort, was then raised to surround the retort. The temperatures and pressures at the different parts of the system, and also the meter readings, were recorded at frequent intervals, and the experiment continued until the evolution of gas had practically ceased. The volumes of gas collected were corrected for temperature, pressure and moisture content, being reduced to moist gas at 60° F. and 30″ of mercury pressure. All other products were weighed, and all the products were carefully analysed. In a number of the experiments the gas was collected in two separate holders, and the two portions were then analysed separately; it will be noted that the gas from the second half of the run is much richer than that collected in the first holder.

The tables given below summarize the more important results obtained. As a general rule the results are the average of two or more experiments at each temperature.

Slow Heating Series of Tests.—In the slow series the general method was the same as the above, except that the lead bath was only heated beforehand to a temperature slightly above the melting point of the lead. The bath was then raised slowly up and, after the retort was immersed, the temperature then slowly raised to the temperature of the test.

Experimental Results.—The results obtained in the experimental work are summarized in the following tables:—

Table IV gives a typical analysis of the Shand coal employed in the tests.

TABLE IV.

Typical Analysis of Shand Coal Employed in Tests.

Proximate analysis.	Coal as charged	Dry coal.
Proximate analysis—		
Moisture ..... %	32·6	0·0
Ash ..... %	8·6	12·8
Volatile matter ..... %	27·1	40·2
Fixed carbon ..... %	31·7	47·0
Calorific value—		
Calories per gram	3965	5880
B. Th. U. per lb	7140	10580
Fuel ratio	1·17	1·17

Table V gives analyses of another sample of Shand coal, as mined with 35 per cent of water, after drying at 110° C., after carbonizing at 580°-600° C., and after carbonizing at 775°-800°C. Table VI gives a weight balance sheet on carbonization; the last column indicates the accuracy obtained. Table VII gives the commercial products obtained per ton of moist coal charged. Table VIII gives a thermal balance sheet; the last column gives the heat lost through the formation of water, carbon dioxide, etc., during carbonization. Table IX gives yields and analyses of the carbonized residue. Table X gives yields, analyses and distillation tests on the tar oils. In the last column the quantity of pitch available for use as a binder for briquetting the carbonized residue is shown. Table XI gives the yields, and combustible content of the gas produced. In most of the experiments the gas was collected in two approximately equal portions; it can be seen that the second portion was far richer than the first.

Table XII gives some comparative results on different samples of lignite from the Estevan area. Six samples were tested from five different mines at Taylorton, Bienfait, Shand, and Estevan; one sample consisted of outcrop coal. The samples were carbonized as described above under "Regular Series of Tests, Rapid Heating," at a temperature of 575°-600° C. In the results obtained comparisons between the different

coals were masked by variations in the moisture and ash content of the samples tested. The results were therefore recalculated to the uniform basis of coals containing 3 per cent moisture and 7 per cent ash. The table shows that in the main the different coals of this field give closely agreeing results, after allowing for variations caused by differences in moisture and ash content. The yields of tar, however, are a marked exception in this respect.

TABLE V.

Analyses Shand Coal—Raw, Dried, and Carbonized.

Sample.		As mined.	Dried.	Carbonized at 580–600°C	Carbonized at 775–800°C
Proximate analysis—					
Moisture	%	35·0			
Ash	%	8·1	12·5	17·5	20·3
Volatile matter	%	25·5	39·2	11·7	2·8
Fixed carbon	%	31·4	48·3	70·8	76·9
Ultimate analysis—					
Carbon	%	40·6	62·5	74·0	76·6
Hydrogen	%	6·5	3·9	2·4	1·0
Ash	%	8·1	12·5	17·5	20·3
Sulphur, Nitrogen, Oxygen	%	44 8	21·1	6·1	2·1
Calorific value—					
Calories per gram		3700	5690	6620	6560
B. Th. U. per lb.		6660	10240	11920	11800
Fuel ratio		1·25	1·25	6 05	27·80
Carbon-hydrogen ratio		6·2	16·1	30·8	77·4

TABLE VI.

Weight Balance Sheet, Lignite Carbonization—Dry Coal Basis.

Temperature.	Water of decomposition.	Gas.	Tar oils, crude.	Carbonized residue.	Unaccounted for.
	%	%	%	%	%
Rapid heating—					
350°C	6·9	4·1	1·0	87·5	-0·5
400°	9·8	8·1	2·9	79·1	-0·1
475	11·9	12·3	4·2	71·4	-0·2
555	11·7	17·0	4·1	66·7	-0·5
605	13·4	18·0	4·2	64·3	-0·1
690	12·5	22·1	3·9	61·5	0·0
Rapid heating, no lead bath—					
750-800°C	13·5	21·7	3·7	60·8	-0·3
Rapid heating, dried coal—					
550°C	8·7	17·9	3·4	69·6	-0·4
Rapid heating, dried coal, no lead bath—					
750-800°C	9·1	22·4	3·0	65·4	+0·9
900-950	8·3	25·1	3·0	63·9	+0·3
Slow heating—					
450°C	10·4	11·5	4·3	74·0	+0·2
550	12 6	15·5	4·5	67·4	0·0
655	12·4	20·2	4·0	63·8	+0·4

TABLE VII.

Commercial Products, Lignite Carbonization—Moist Coal as Charged.

Temperature.	Moisture as charged.	Yields per short ton.			
		Gas.	Ammonium sulphate.	Tar oils.	Carbonized residue.
	%	c. f.	lbs.	gals.	lbs.
Rapid heating—					
350°C	32·3	590	0·5	0·1	1185
400	31·9	1190	1·4	4·1	1075
475	31·6	2020	4·4	5·4	980
555	31·8	3130	10·2	5·3	910
605	31·2	3810	11·8	5·6	885
690	33·0	4900	19 2	5·0	825
Rapid heating, no lead bath—					
750–800°C	33·7	5530	15 0	4·0	804
Rapid heating, dried coal—					
550°C	2·3	3010*	10·5	4·6*	935*
Rapid heating, dried coal, no lead bath.					
750–800°C	1·5	4880*	16·8*	3·0*	867*
900–950	2·2	5920*	16·2*	2·8*	834*
Slow heating—					
450°C	33·1	1710	3·3	5·3	990
550	34·0	2750	10·4	5·9	890
655	33·6	4200	14·5	5·1	845

*Calculated to the yield from a 33% moisture charge for comparison.

TABLE VIII.

Thermal Balance Sheet, Lignite Carbonization—Heat Content of Products as Percentages of Heat in Original Charges.

Temperature.	Gas.	Tar.	Carbonized residue.	Loss.
	%	%	%	%
Rapid heating—				
350°C	0·7	1·6	92·2	5·5
400	1·7	4·7	88·3	5·3
475	5·0	6·7	81·7	6·6
555	8·3	6·0	78 1	7·6
605	10·6	6 5	74·8	8·1
690	14·4	5·9	70·4	9·3
Rapid heating, no lead bath—				
750–800°C	14·7	4·6	68·5	12·2
Rapid heating, dried coal—				
550°C	7·5	5·5	81·1	5·9
Rapid heating, dried coal, no lead bath—				
750–860°C	13·6	3·8	76·3	6·3
900–950	17·4	3·5	73·0	6·1
Slow heating—				
450°C	4·1	6·3	83·7	5·9
550	8·0	7·2	79·0	5·8
655	12·5	6·2	73·7	7·6

TABLE IX.

Carbonized Residue—Lignite Carbonization.

Temperature.	Yield of coal as charged.	Water in coal as charged.	Ash content.	Calorific value.	
				Calories per gram.	B. Th. U. per lb.
	%	%	%		
Rapid heating—					
350°C	59·2	32·3	15·6	6195	11150
400	53·8	31·9	15·0	6564	11815
475	48·8	31·6	15·9	6727	12110
555	45·5	31·8	16·9	6882	12390
605	44·2	31·2	17·6	6845	12320
690	41·3	33·0	20·1	6729	12110
Rapid heating, no lead bath—					
750–800°C	40·2	33·7	16·3	6815	12270
Rapid heating, dried coal—					
550°C	68·0	2·3	18·4	6848	12325
Rapid heating, dried coal, no lead bath—					
750–800°C	64·4	1·5	20·4	6495	11690
900–950	63·1	2·2	19·8	6566	11720
Slow heating—					
450°C	49·5	33·1	16 9	6645	11960
550	44·4	34·0	18·5	6895	12410
655	42·3	33·6	18·5	6790	12220

TABLE X.

Tar Results—Lignite Carbonization.

Temperature.	Crude tar oil.		Dried tar oil.				
	Water content.	Density.	Yield per 2000 lbs. dry coal.	Calorific value B. Th. U. per lb.	Distillation results.		Pitch as per cent of carbonized residue.
					Up to 310°C.	Pitch residue.	
	%		gals.		%	%	%
Rapid heating—							
400°C	1·5	0·98	6·0	17,260	60·9	38·1	1·4
475	7·7	0·99	7·9	17,250	55·6	42·9	2·3
555	9·4	1·00	7·5	17,040	64·2*	34·7*	1·5
605	3·3	1·00	8·1	17,030	53·7	43·4	2·7
690	5·2	1·00	7·3	16,970	65·2	32·5	2·0
Rapid heating, no lead bath—							
750–800°C	22·8†	1·01	5·8	17,100	42·6	57·1	2·7
Rapid heating, dried coal—							
550°C	2·3	0·97	6·9	17,410	58·6	40·7	2·0
Rapid heating, dried coal, no lead bath—							
750–800°C	31·0†	0·98	4·6	17,130	42·0	56·5	1·9
900–950	31·3†	0.99	4·2	17,280	40·5	58·7	1·9
Slow heating—							
450°C	9·6	0·99	7·8	17,110	62·7	36·2	1·9
550	1·8	0·99	8·9	17,020	60·5	38·3	2·5
655	6·6	0·99	7·6	17,560	60 0	38·5	2·3

*Cut at 325°C. †Small scale experiment, fractional condensation of tar not employed.

TABLE XI.

Gas Results—Lignite Carbonization.

Temperature.	Yield per 2000 lbs. dry coal.	Calorific value B. Th. U. per c. f.		Density.	Combustible gas.		Average.
		gross.	net.		Holder (1)	Holder (2)	
	c. f.				%	%	%
Rapid heating—							
350°C	870	180	170	1·22	28	.....	28
400	1740	215	195	1·24	29	.....	29
475	2950	355	320	0 96	46	.....	46
555	4590	385	345	0·94	49	70	55
605	5530	405	365	0 86	52	75	61
690	7320	415	375	0·79	51	82	67
Rapid heating, no lead bath—							
750-800°C	8340	369	330	0·69	65	.....	65
Rapid heating, dried coal—							
550°C	4490	355	320	1·02	36	67	49
Rapid heating, dried coal, no lead bath—							
750-800°C	7350	373	335	0·81	43	75	63
900-950	9085	381	341	0·71	58	83	73
Slow heating—							
450°C	2560	340	310	1·17	39	.....	39
550	4170	405	370	0·98	33	69	53
655	6320	420	380	0·83	46	80	64

TABLE XII.

Products obtained per short ton of different lignites from the Estevan Area, Carbonized at 575-600°C.

Results computed to a basis of coals containing 33 per cent water and 7 per cent ash.

Coal.	Carbonized residue.		Gas.				
	Weight.	Calorific value.	Volume.	Calorific value.	Ammonium sulphate.	Tar oils. imperial.	Available binder.
	lbs.	B. Th. U. per lb.	cub. ft.	B.Th.U. per cub.ft	lbs.	gallons.	%
A	870	12800	3260	415	11·1	6·9	3·6
B	866	12700	3340	410	11·8	6·4	2·9
C	874	12700	3320	380	11·1	4·2	2·2
D	879	12750	3310	410	12·0	4·9	2·1
E	880	12600	3210	385	11·6	5·0	2·3
El	851	11010	3230	300	11·2	3·4	.....

NOTE.—The above figures were calculated from experimental results on coals with varying water and ash contents. Sample El was outcrop coal.

V.

REPORT OF MECHANICAL WORK AT FUEL TESTING STATION.

B. F. Haanel, Esq.,

Chief of Fuels and Fuel Testing Division.

Dear Sir,—I herewith submit Summary Report for Fiscal year ending March 31, 1919, of the Mechanical Division of the Mines Branch, Department of Mines.

Special attention is drawn to the number of experimental machines and apparatus for the different divisions, most noteworthy being that of the Fuel Testing Division for which the following machines and apparatus were designed and constructed: a rotary retort to be used in connexion with lignite investigation; two new wood turning lathes not yet completed; three double door aluminium desiccators nearing completion; and three special mercury winches to be used in connexion with mine air investigation.

There has also been a number of special pieces of apparatus designed and constructed in connexion with the experimental work of the Fuel Testing Division and the Ore Dressing Laboratories, which have demanded considerable time in designing and making, as such apparatus, being impossible to purchase, presents problems which are not met with in routine work.

Miscellaneous small jobs in connexion with the experimental work of the other Divisions of the Mines Branch were also designed and completed by our mechanical staff, either in the machine shops at the Fuel Testing Station, or at the Sussex Street building.

All of which is respectfully submitted.

(Signed) A. W. Mantle,
Mechanical Superintendent.

Summary Cost Statement of Labour Completed, and Material Used, during the Fiscal Year ending March 31, 1919.

	Labour.	Material.
Ore Dressing Division	$2,200 63	$1,012 10
Chemistry Division	1,145 86	520 78
Fuel Testing Division	801 95	85 68
General, Mines Branch	356 96	49 40
Ceramic Division	84 09	15 62
Non-metals Division	267 84	35 02
Metalliferous Division	10 77	0 32
Total	$4,868 10	$1,718 92

ORE DRESSING AND METALLURGICAL DIVISION.

I.

REPORT OF PROGRESS.

G. C. MACKENZIE, *Chief of Division.*

While the writer gave general supervision to the work of this Division, he devoted the most of his time to his secretarial duties in connexion with the Canadian Munition Resources Commission, and left the actual operation of the ore testing laboratories to his first assistant engineer, Mr. W. B. Timm.

Mr. C. S. Parsons resigned his position as second assistant engineer in May, and the vacancy thus created remained unfilled to the end of the calendar year.

The Division continued to act as samplers and assayers for the Imperial Munitions Board as explained in the last Summary Report, but as the Board purchased very little molybdenite or ferro-molybdenum after January 1, 1918, this work was much lighter than it had been during the previous year.

The practice of milling molybdenite ores on a custom basis was discontinued after the 1st of August, principally because the urgent demand for this mineral by the British Government has ceased and also on account of the interference such commercial work caused with the routine testing work of the laboratories. The concentration of several large bulk samples of molybdenite ore was, however, undertaken on the basis of test work.

PRODUCTION OF MOLYBDENITE CONCENTRATES.

DEPARTMENT OF MINES, ORE DRESSING LABORATORIES, OTTAWA, CANADA.

For year ending December 31, 1918.

Shipper.	Locality.	Crude Ore Received.	MoS_2.	Content MoS_2.	Recovery.	MoS_2 Recovered
		Lbs.	p.c.	Lbs.	p.c.	Lbs.
*Barton, Jas. W	Nett Lake, near Timagami Station, T. & N.O. Ry.	1,212·0	8·42	102·05		
*Bertram, H. A.	Tippings Farm, south half lots 4 & 5, Clarendon Tp., Pontiac Co., Que.	19,582·0	·27	52·57		
Bancroft Mining Co..	Bancroft, Ont.	694·5	4·19	29·10		
*Burchill, H. C.. . ..	New Ross, Lunenburg Co., N.S.	40,684·0	·49	198·132		
Cole, J. E	Sunset Mine, Dacre, Ont.....	39,561·5	2·64	1042 77		
Day, James F	Near Haley's Station, Renfrew Co., Ont.	2,579·0	1·97	50·80		
Dunright, John	Leminster, Hants Co., N.S. .	376·0	1·08	4·06		
International Molybdenum Company.	Lots 16 & 17, Con. xi. Broughham Tp. Renfrew Co., Ont..	89,349·0	1·84	1509·483		
Lillico, R. J.....	Lots 14&15, Con. xii. Monmouth Tp., Haliburton Co., Ont.	203,996·5	·533	1088·35		
*New Hazelton Gold-Cobalt Mines Ltd.	New Hazelton, B.C....	53,228·0	1·40	745·19	86·7	12,819·056
Ryan, W. J.....	Timothy Mountain, 25 miles N.E. from Lac La Hache, close to 25° parallel, Lilloet Division, Northern Division, B.C.	761·0	29·99	228·23		
Schreiner, J. C.....	Ashdod, Ont.....	37,928·0	0·45	170·68		
Spain, W. J.....	Lots 31 & 32, Con. v., Lot 31, Con. iv. Griffith Tp., Renfrew Co., Ont.	66,390·0	2·10	1394·19		
*Standard Molybdenite Co.	Maniwaki, Que.....	24,985·0	0·40	107·085		
Taylor, A. W.....	Ashdod, Ont	118,722·5	5·68	6760·58		
Williams & Ruffner..	Rossland, B.C.....	5,426·0	14·63	793 02		
Wood, O. E. & Company.	Squaw Lake, Que.....	692·0	71·85	497·081		

17 Shippers shipped 706,167 lbs Crude Ore at 2·09 p.c. containing 14,773·37 lbs MoS_2.

NOTE.—The shipments marked with * are experimental tests.

II.

ORES TESTED AND REPORTS THEREON.

W. B. Timm, *Assistant Engineer;* C. S. Parsons, *Assistant Engineer.*

The following ores have been tested and reports made thereon during the calendar year, 1918:—

No. of Test.	Ore or Rock.	Locality.	Shipper.	Weight.	
				Ton	Lb.
75	Titaniferous iron ore	St. Urban, Que.	Titanic Iron Co., Quebec, Que.	1 car	load.
76	Molybdenite ore	New Ross, N.S.	H. C. Burchell, Windsor, N.S.	20	
77	"	Kakabeka Falls, Ont.	F. R. Aufhammer		270
78	Copper ore	Ikeda Bay, B.C.	A. Ikeda, Ikeda Bay, B.C.		350
79	Manganese ore	Walton, Hants Co., N.S.	Canadian Munition Resources Commission	22	
80	Molybdenite ore	Alice Arm, B.C.	International Molybdenum Co., Renfrew, Ont.		1,145
81	"	Rossland, B.C.	Williams & Ruffner, Rossland, B.C.	1	1,520
82	"	Nett Lake, Ont.	Jas. W. Barton, Toronto, Ont.		1,230
83	Molybdenite Gold-Cobalt ore	New Hazelton, B.C.	New Hazelton Gold-Cobalt Mines, Ltd		870
84	Zinc-lead ore	Carmacks, Y.T.	Dr. A. W. G. Wilson, Mines Branch.		3
85	Graphite	Buckingham, Que.	New Quebec Graphite Co., Ltd., Buckingham, Que.		200
86	Molybdenite	Haley's Station, Ont.	J. F. Day, Sudbury, Ont.	1	601
87	Gold ore	Lake Aylmer, Que.	Chas. J. Wallich, Detroit, Mich.		238
88	Pyrites	English, Ont.	Robt. Gamble, Ottawa, Ont.		460
89	Gold ore	Sudbury, Ont.	J. S. Black, Sudbury, Ont.		220
90	Tungsten ore	Dublin Gulch, Y.T.	Frank Cantin, Dublin Gulch, Y.T.		354
91	Molybdenite	Hull, Que.	Canadian Wood Molybdenite Co., Ottawa, Ont	29	
92	"	Loon Lake, Ont.	J. A. Johnston, Loon Lake, Ont.		502
93	"	Campbell's Bay, Que.	H. Leger, Campbell's Bay, Que.		759
94	Manganese	Bathurst, N.B.	W. F. C. Parsons, Bathurst, N.B.		10
95	Ferro-molybdenum slag	Belleville, Ont.	Tivani Electric Steel Co., Belleville, Ont.	38	
96	Manganese	Gowland Mountain, N.B.	Dr. Hays, Geological Survey.		10
97	Molybdenite	Hull, Que.	Wood Molybdenite Co., Ottawa, Ont.		150
98	Titaniferous iron ore		Dr. W. L. Goodwin, Kingston, Ont.		275
99	Molybdenite	Masham, Que.	Wood Molybdenite Co., Ottawa, Ont.	1	85
100	Manganese	Bathurst, N.B.	O. Turgeon, Bathurst, N.B.		25
101	Tungsten	Eureka, N.S.	Geo. A. Cameron, Eureka, N.S.		1,067
102	Graphite	Lachute	Thos. H. Rae, Lachute, Que.		300
103	"		Jas. H. Mason, Toronto, Ont.		50
104	Tungsten	Yukon Territories.	D. E. Clindinin, Dawson, Y.T.		1,293

Test No. 75.

A carload of titanic iron ore, "ilmenite," from St. Urbain, Quebec, was received from the Titanic Iron Co., Quebec city.

A 50-pound sample was picked from the carload and crushed to 50 mesh. This sample gave an analysis of:—

Fe	37·62 per cent.
TiO_2	40·49 "

It was run through the Ullrich magnetic separator with the rings raised three-fourths inch from the feed plate and with a magnetic field of 4 amperes, 110 volts, giving the following products:—

Magnetic—		
Weight	4·0	pounds.
Analysis—Fe	38·81	per cent.
TiO_2	39·88	"
Non-magnetic—		
Weight	44·0	pounds.
Analysis—Fe	37·52	per cent.
TiO_2	40·70	"

A larger sample was crushed to 35 mesh, ·0164-inch aperture, and run through the separator with the rings stepped, the outer ring three-fourths inch from feed plate, second ring five-eighths inch, third ring one-half inch, and inner ring three-eighths inch. The product from each ring was weighed and sampled separately. A magnetic field of 10 amperes, 110 volts, was carried on the machine. The weights and analyses of the products are given in the following table:—

Product.	Weight.	Analysis.	
		% Fe.	% TiO_2.
	Lbs.		
Ring No. 1	0·75	38·62	36·63
" 2	0·50	42·05	33·18
" 3	27·50	39·63	41·55
" 4	304·50	39·63	41·55
Middling	34·00	37·51	38·55
Tailing	96·50	34·57	35·66

Conclusions.—From the above results it will be seen that a separation of the iron and titanium cannot be made by any mechanical means of ore dressing. The ore is an ilmenite, the titanium being chemically combined with the iron so that in raising the iron content the titanium content is also raised and vice versa.

Test No. 76.

NEW ROSS MOLYBDENITE ORE.

A carload of molybdenite ore was received on March 27 from H. C. Burchell, Windsor, N.S. This carload contained 122 barrels in two lots, marked X and XX, taken from two different points on the property, and in both cases the ore was supposed to be the run-of-mine.

Lot X	40	barrels.
Gross weight	15,048	pounds.
Net weight	13,854	"
Moisture	0·96	per cent.
Dry weight	13,721	pounds.
Analysis—MoS_2	0·54	per cent.
MoO_3	trace.	
Cu	0·08	per cent.
Content—MoS_2	74·0934	pounds.
Lot XX	82	barrels.
Gross weight	29,762	pounds.
Net weight	27,260	"
Moisture	1·09	per cent.
Dry weight	26,963	pounds.
Analysis—MoS_2	0·46	per cent.
MoO_3	trace.	
Cu	0·08	per cent.
Content—MoS_2	124·0298	pounds.

The ore consists of molybdenite of the flake variety in quartz with a small amount of the granite wall rock. A very small amount of iron and copper sulphides, and mica is present.

Preliminary Test.

Several of the barrels were opened and some pieces of the ore were taken from each to make up a sample for a small test on the laboratory Callow testing machine.

This sample was first crushed to 20 mesh and a sample taken for analysis. The remaining portion was cut into two lots; one was crushed to 30 mesh and the other to 40 mesh.

The analysis of this sample showed it to contain:—

MoS_2—0·36 per cent.

Test No. i—30-mesh material.

Ore	1,000 grams.
Oil	Pine oil ½ pound to ton of ore.
	Coal oil ¾ pound to ton of ore.

Mixed in small pebble jar for 10 minutes before adding to the machine.

Only the tailing from this test was analysed.

This gave MoS_2—0.04 per cent.

Test No. ii—40-mesh material.

Ore	1,000 grams.
Oil	Pine oil ½ pound to ton of ore.
	Coal oil ¾ pound to ton of ore.

Mixed in small pebble jar for 10 minutes before adding to the machine.

Concentrate obtained	3·1 grams.
MoS_2	63·45 per cent.
Content	1·967 grams.
Recovery	71 per cent.
Milling obtained	32 grams.
MoS_2	1·91 per cent.
MoS_2	0·611 grams.
Percentage of MoS_2 values	22 per cent.
Tailing obtained	964·9 grams.
MoS_2	0·02 per cent.
Content	0·193 grams.
Loss	7 per cent.

Figuring on a recovery of 70 per cent of the MoS_2 values in the middling, this would give a total recovery of the molybdenite values in the crude ore of 80 per cent.

Large Scale Test.

The method of crushing and concentration adopted on the carload lot was as follows:—

The ore was first crushed in the jaw crusher with the jaws set at 1″ opening, and the crushed ore fed by a push feeder which delivered it to an elevator which discharged into a Vezin sampler where one-tenth of the ore stream was cut out, the main flow travelling down a chute to the Hardinge ball mill. Here the oil was fed so as to become thoroughly emulsified in the mill. From the ball mill, the pulp flowed down a launder to a 3″ centrifugal pump which delivered it on to a Callow screen. The screen used was a 35-mesh ton-cap screen. The oversize from the screen was returned to the mill, the undersize went direct to the Callow rougher cell. This method was changed during the run due to trouble encountered by the presence of foreign oils which would get into the circuit at times and kill the froth on the cells. This oil presumably came from the ore. The undersize from the screen flowed into a Callow cone tank where a slight washing action was given the pulp. From the cone tank the thickened pulp was drawn to an elevator and the elevator discharged into a launder where the density of the pulp was regulated by the addition of water, and this launder delivered it to the Callow rougher cell. In this case the coal oil was added to the ball mill, the pine oil to the boot of the elevator. The tailings from the rougher cell were pumped to the waste dump after being sampled. The rougher concentrates were reconcentrated in the cleaner cell.

Both lots were sampled separately but the concentrates were allowed to collect together.

The tailing analysis of lot X was 0·17 per cent MoS_2, giving a recovery on this lot of 68·7 per cent.

The tailing analysis of lot XX was 0·15 per cent MoS_2, giving a recovery on this lot of 67·5 per cent.

185 pounds of concentrates were obtained from the whole shipment with an analysis of 72·75 per cent MoS_2.

Conclusions.—The ore is an ideal one, since it is easily crushed and easily concentrated. The results obtained from the small preliminary test are more in accord with what could be obtained in actual practice than the large test, due to our trouble with foreign oil in the circuit. On an ore of this class of a grade 0·5 per cent MoS_2 a recovery of the molybdenite values of 85—90 per cent should be looked for, while with the cells working properly, a concentrate of 85 per cent MoS_2 grade should be obtained.

Test No. 77.

MOLYBDENITE ORE FROM KAKABEKA FALLS.

A sample of 270 pounds of molybdenite ore was received on March 27, 1918, from F. R. Aufhammer. This ore was supposed to represent the run-of-mine from a molybdenite property at Kakabeka Falls, Ont.

The molybdenite is of the amorphous variety in a quartz gangue. A small amount of iron and copper sulphides is present.

The sample was crushed to 10 mesh. It was cut down in a Jones sampler and a portion crushed to pass 80 mesh and another portion to pass 100 mesh. Both the 80-mesh and 100-mesh samples were analysed.

80-mesh material—

MoS_2	1·29 per cent.
Cu	0·05 "
Bi	absent.
As	trace.

100-mesh material—

MoS_2	1·25 per cent.
Cu	0·04 "
Bi	absent.
As	trace.

A series of small laboratory tests were made on the Callow machine.

Test No. i—80-mesh material.

Ore	1,000 grams.
Oil mixture	Pine oil—½ pound to ton of ore.
	Coal oil—1 pound to ton of ore.

Mixed in small pebble jar for 10 minutes before adding to the machine.

Concentrate	23·2 grams.
MoS_2	33·65 per cent.
Content	7·8068 grams.
Recovery	69·0 per cent.
Middling	60·4 grams.
MoS_2	2·63 per cent.
Content	1·5§852 grams.
Percentage MoS_2 values	14·0 per cent.
Tailing	916·4 grams.
MoS_2	0·21 per cent.
Content	1·9236 grams.
Loss	17·0 per cent.

Figuring on a recovery of 70 per cent of the molybdenite values in the middling, the above test would show a recovery of 79 per cent of the molybdenite values in the ore.

Test No. ii—80-mesh material.

Ore	1,000 grams.
Oil mixture	Pine oil—½ pound to ton of ore. Hardwood creosote—¼ pound to ton of ore. Coal oil—2 pounds to ton of ore.

Mixed in pebble jar for 10 minutes before adding to the machine.

Concentrate	16·5 grams.
MoS_2	33·65 per cent.
Content	5·55225 grams.
Recovery	53·8 per cent.

NOTE.—This concentrate was obtained by screening the original concentrate from the machine on a 100-mesh screen.

1st middling	8·7 grams.
MoS_2	21·83 per cent.
Content	1·89921 grams.
Percentage MoS_2 values	18·4 per cent.

NOTE.—This middling was obtained by screening the original concentrate on 100-mesh screen.

2nd middling	151·3 grams.
MoS_2	1·09 per cent.
Content	1·64917 grams.
Percentage MoS_2 values	16·0 per cent.
Tailing	823·5 grams.
MoS_2	0·15 per cent.
Content	1·23525 grams.
Loss	11·8 per cent.

Figuring on a recovery of 70 per cent of the MoS_2 values in the middling, the above test would show a recovery of 83·4 per cent of the molybdenite values in the ore.

Test No. iii—100-mesh material.

Ore	1,000 grams.
Oil mixture	Pine oil—½ pound per ton of ore. Coal oil—1 " " "

Mixed in pebble jar for 10 minutes before adding to the machine.

Concentrate	24·5 grams.
MoS_2	27·20 per cent.
Content	6·664 grams.
Recovery	61·6 per cent.
Middling	103·8 grams.
MoS_2	2·09 per cent.
Content	2·16942 grams.
Percentage MoS_2 values	20·0 per cent.
Tailing	871·7 grams.
MoS_2	0·23 per cent.
Content	2·0049 grams.
Loss	18·4 per cent.

Figuring on a recovery of 70 per cent of the MoS_2 values in the middling, the above test would show a total recovery of 75·6 per cent of the molybdenite values in the ore.

Test No. iv.—A portion of the 100-mesh material was ground to pass 150 mesh.

Ore	1,000 grams.
Oil mixture	Pine oil—½ pound per ton of ore. creosote—¼ pound per ton of ore. Coal oil—2 pounds per ton of ore.
Concentrate	3·75 grams.
MoS_2	49·95 per cent.
Content	1·873 grams.
Recovery	18·0 per cent.

NOTE.—This concentrate was obtained by screening original concentrate on 100-mesh screen.

1st middling	5·0 grams.
MoS_2	30·53 per cent.
Content	1·5265 grams.
Percentage MoS_2 values	14·7 per cent.

NOTE.—This middling was obtained by screening original concentrate on 100-mesh screen.

2nd middling	52·25 grams.
MoS_2	5·33 per cent.
Content	2·7849 grams.
Percentage MoS_2 values	26·7 per cent.
Tailing	939 grams.
MoS_2	0·45 per cent.
Content	4·2255 grams.
Loss	40·6 per cent.

Figuring on a recovery of 70 per cent of the MoS_2 values in the middling, the above test would show a total recovery of 51·4 per cent of the molybdenite values in the ore.

Conclusions.—From former tests on this ore it was proven that it should be crushed to 80 mesh to obtain a low tailing and the above tests prove that no better tailing can be obtained by finer crushing.

The concentrates on examination show that the molybdenite is not all freed from the gangue at 80 mesh, hence a low grade concentrate will be obtained.

The better method of procedure with this class of ore would be to grind to 80 mesh to secure a low tailing; regrind the concentrates, and reconcentrate them to obtain a high grade molybdenite product.

Test No. 78.

COPPER ORE FROM IKEDA BAY, B.C.

A shipment of 5 bags, 350 pounds of the ore, was received on September 5, 1917, from Mr. A. Ikeda, Ikeda bay, B.C.

The ore consisted of chalcopyrite in heavy dark gangue, associated with iron pyrites and magnetite. The ore contained silver and gold values.

An analysis of the sample was as follows:—

Copper	1·18 per cent.
Silver	1·36 oz. per ton.
Gold	0·04 " "

Oil flotation was the method of treatment adopted.

Test No. i.—The ore was crushed to pass 50 mesh and concentrated in a set of laboratory size Callow cells. The test resulted in obtaining a concentrate running 11·46 per cent copper with a recovery of 86·00 per cent of the copper values assuming that it would be possible to recover 70 per cent of the content of the middling.

The oil used in this test was a mixture containing 10 per cent coal tar, 50 per cent coal tar creosote and 40 per cent heavy hardwood creosote oil. The amount used was approximately 1·5 lbs. per ton. The condition of the pulp was neutral.

Test No. ii.—The sample was crushed to pass 80 mesh and floated as in test No. i. A concentrate was obtained running 11·00 per cent copper with a recovery of 90 per cent, assuming as in test No. i that 70 per cent of the content of the middling is recoverable.

Test No. iii.—The sample was crushed to pass 100 mesh and floated as in the two previous tests.

This test resulted in a concentrate containing 7·55 per cent of copper and 0·25 oz. of gold, with a recovery of 87·2 per cent of the copper and 95·5 per cent of the gold, assuming as before that 70 per cent of the content of the middling is recoverable.

Test No. iv.—This sample was crushed to pass 80 mesh and treated under the same conditions as in test No. iii. A concentrate was obtained analysing 8·75 per cent copper and 0·30 oz. of gold with a recovery of 92 per cent of the copper and 77·0 per cent of the gold.

Conclusions.—The results obtained in the above tests are tabulated in table No. I. The assumption that 70 per cent of the values in the middling is recoverable is fair and if anything a low estimate. In practice, the middling would naturally be returned to the flotation circuit, or in some cases to the crushing circuit after dewatering.

These tests show a remarkably high extraction of both the copper and gold values and there is no doubt that in actual practice a higher grade concentrate could be obtained with a similar extraction.

The tests would also indicate that the ore should be crushed to around 80 mesh in order to obtain a high recovery of the gold but it is possible that large scale operation may prove that a coarser product can be successfully treated.

TABLE No. I.

Test No.	Mesh.	Heads.			Concentrates.			Middlings.			Tailings.			Extraction assuming 70% recovery of content of middling.	
		Grams Wt.	Copper P.C.	Au oz.	Grams Wt.	Copper P.C.	Au oz.	Grams Wt.	Copper P.C.	Au oz.	Grams Wt.	Copper P.C.	Au oz.	Copper	Gold
i	50	1000	1·0	0·04	72	11 50	....	82·5	0·76	....	845·5	0·15	....	86	
ii	80	1000	1·0	0·04	80	11·00	..	116·0	0·30	....	804·0	0·12	....	90	
iii	100	1000	1·0	0·04	104	7·50	0·25	204·0	0 65	0·06	692·0	0.12	trace.	87·0	95·5
iv	80	1000	1·0	0·037	90	8·70	0·30	90·0	1·00	0·02	820·0	0·17	0·01	92·0	77·0

Test No. 79.

HANTS COUNTY, N.S. MANGANESE ORE.

A shipment of 160 barrels of manganese ore was received December 24, 1917, from the property of E. Chisholm, Walton, Hants Co., N.S. This shipment was submitted through the Munition Resources Commission, Ottawa, Ont.

The ore was pyrolusite and manganite in sandstone, some of which was fairly coarsely crystalline, freeing at about 30 mesh, gradually grading to finely crystalline and disseminated through the sandstone.

Net weight of ore received	47,045·5 pounds.
Moisture	4·88 per cent.
Dry weight of ore received	44,749·5 pounds.
Analysis—Mn	12·90 per cent.
Fe	5·11 "
SiO_2	69·09 "
P	0·017 "
Content — Mn	2,772·68 pounds.
Fe	22,286·76 "

The products desired were a commercial manganese concentrate; a chemical product, high in manganese (over 50 per cent), low in iron and silica; and a metallurgical product suitable for conversion into ferro-manganese in the blast or electric furnace.

The method of investigation adopted was one of careful crushing and sizing and the concentration of the sized material to determine to what point crushing would have to be carried to obtain a high grade concentrate and what further treatment would be necessary to recover the manganese values.

The ore was crushed in a jaw crusher set at 1-inch opening, elevated to ore bins and fed by a push feeder to a set of rolls set at ½-inch opening. From the rolls the ore passed through a Vezin sampler where one-tenth of the feed was cut out, thence to a dryer and to storage bins. From the storage bins the ore passed to a Traylor ball mill crushing to 18 mesh; from the ball mill to a Keedy sizer where five sizes were made. Each size was run over a concentrating table and the product re-treated where necessary.

WEIGHTS AND ANALYSES OF SIZED ORE.

Size.	Dry Weight.	Analysis.		Content.	
	Lbs.	% Mn.	% Fe.	Lbs. Mn.	Lbs. Fe.
+ 28	2,578·5	16·16	7·78	416·6856	200·6073
- 28 + 42	1,839·0	15·34	6·80	282·1026	125·0520
- 42 + 62	6,700·0	12·87	6·19	862·2900	414·7300
- 62 + 86	8,896·0	10·36	4·07	921 6256	362·0672
- 86	24,736·0	13·26	4·64	3,279 9936	1,147 7504
Totals and averages...	44,749·5	12·88	5·03	5,762·6974	2,250·2069

FIRST CONCENTRATION.

Size.	Dry Wt.	Analysis.					Content.	
	Lbs.	% Mn.	% Fe.	% SiO_2	% P.	% S.	Lbs. Mn.	Lbs. Fe.
+ 28	275·0	39·34	6 62	26·78	.....	.....	108·1850	18·2050
- 28 + 42	488·0	34·66	7·20	32·58	.....	.....	169·1408	35·1360
- 42 + 62	412·0	38·85	4·80	27·66	.....	.....	160·0620	19·7760
- 62 + 86	363 0	51·68	4·41	9·35	·172	·385	187·5984	16·0083
	111·0	45·90	6·18	14·66	.....	.....	50·9490	6 8598
- 86	465·0	51·80	4·14	9·45	·232	·635	240·8700	19·2510
	1,471·0	45·02	6·86	13·41	·037	·033	662·2442	100·9106
Totals and averages.....	3,585·0	44·04	66·03				1,579·0494	216·1467

On sizes + 28, – 28 + 42 and – 42 + 62 a concentrate and middling were made, both of which were reground and re-treated as the pyrolusite was not freed.

On sizes – 62 + 86 and – 86, a final concentrate practically pure pyrolusite, a second concentrate lower grade of pyrolusite and manganite, a middling to be re-treated and a tailing were made.

The total middlings from the first concentration were reground to 60 mesh (this mesh corresponding closely to Tyler standard) in a ball mill and reconcentrated. A concentrate, a middling held and a tailing to waste were made.

The first concentrate made from sizes + 28, – 28 + 42, and – 42 + 62 was reground to 35 mesh (Tyler's standard) and reconcentrated. A concentrate, a middling held and a tailing to waste were made.

The following tables give the results obtained from the treatment of this shipment of ore:—

Table showing Weights and Analyses of Concentration Products.

Size.	Weights and Analyses of Sized Ore.					Concentrates Made.				
	Dry Wt.	Analysis.		Content.		Dry Wt.	Analysis.		Content.	
		Mn.	Fe.	Mn.	Fe.		Mn.	Fe.	Mn.	Fe.
	Lbs.	%	%	Lbs.	Lbs.	Lbs.	%	%	Lbs.	Lbs.
+28	2578·5	16·16	7·78	416·6856	200·6073	275·0	39·34	6·62	108·1850	18·2050
−28+42	1839·0	15·34	6·80	282·1026	125·0520	488·0	34·66	7·20	169·1408	35·1360
−42+62	6700·0	12·87	6·19	862·2900	414·7300	412·0	38·85	4·80	160·0620	19·7760
−62+86	8896·0	10·36	4·07	921·6256	362·0672	363·0	51·68	4·41	187·5984	16·0083
						111·0	45·90	6·18	50·9490	6·8598
−86	24736·0	13·26	4·64	3279·9936	1147·7504	465·0	51·80	4·14	240·8700	19·2510
						1471·0	45·02	6·86	662·2442	100·9106
Totals and Averages	44749·5	12·88	5·03	5762·6974	2250·2069	3585·0	44·046	6·03	1579·0494	216·1467
Re-treatment of Middlings	20048·0	11·44	5·30	2293·4912	1062·5440	1480·0	36 01	13·20	532·9480	195·360
Re-treatment of 1st Concentrates	1175·0	37·22	6·22	437·3878	73·1170	935·0	38·95	6·40	364·1830	59·840

NOTE.—The above meshes referred to are a special mesh size used for screening and do not correspond to any standard.

Middlings Made—Held for Re-treatment.					Tailings to Waste.					Slime and Handling Loss.				
Dry Wt.	Analysis.		Content.		Dry Wt.	Analysis.		Content.		Dry Wt.	Analysis.		Content.	
	Mn.	Fe.	Mn.	Fe.		Mn.	Fe.	Mn.	Fe.		Mn.	Fe.	Mn.	Fe.
Lbs.	%	%	Lbs.	Lbs.	Lbs.	%	%	Lbs.	Lbs.	Lbs.	%	%	Lbs.	Lbs.
2303·5	15·39	7·92	308·5006	182·4023	No Tailings Made.									
1351·0	8·36	6·656	112·9618	89·9160	No Tailings Made.									
6288·0	11·168	6·28	702·2280	394·9540	No Tailings Made.									
10105·5	11·576	3·91	1169·8008	395·2717	15532·5	4·95	3·53	768·8588	548·2973	5584·0	20·08	7 58	1121·2980	423·2189
20048·0	11·44	5·30	2293·4912	1062·5440	15532·5	4·95	3·53	768·8588	548·2973	5584·0	20·08	7·58	1121·2980	423·2189
145·0	19·48	9·80	28·246	14·210	12506·0	5·25	3·75	656·565	468·975	5917·0	18·18	6·49	1075·7322	383·999
140·0	16·50	6·42	23·10	8·988	No Tailings Made.					100·0	50·11	4·29	50·1058	4·289

Summary and Tabulation of Final Products.

Final Concentrates										Middlings Held	Tailings to Waste	Slime and Handling Loss.
Dry Wt. Lbs.	Analysis							Content Lbs. Mn	Recovery of Mn values	Dry Wt. 285 Lb..	Dry Wt. 28038·5 Lb.....	Dry Wt. 11601 Lb.
	% Mn	% Fe	% SiO_2	% P	% S	% CaO	% MgO			Analysis—	Analysis—	Analysis—
465	51·80	4·14	9·45	0·232	0·635	.....	.....	240·8700	4·18	Mn—18·02 %...	Mn—5·08.	Mn—19·37 %.
263	51·68	4·41	9·35	0·172	0·385	.....	.....	187·5984	3·26	Fe— 8·14 %...	Fe— 3·63..	Fe— 6·995 %.
111	45·90	6·18	14·66	.....	.....	.....	.....	50·9490	0·88	Content—	Content—	Content—
1471	45·02	6·86	13·41	0·037	0·033	.....	.....	662·2442	11·49	Mn—	Mn—	Mn—
935	38·95	6·40	.....	.....	.....	.....	.....	364·1830	6·32	51·346 Lb	1425·4288 Lb...	2247·1355 Lb.
1480	36·01	13·20	21·03	.....	.....	.....	.....	532·9480	9·25	Percentage Mn values—	Loss Mn values—	Loss Mn values—
4825	42·254	.....	.....	.....	.....	.....	.....	2038·7926	35·38	0·89 %.....	24·74 %	38·99 %.

Conclusions.—From the above tables, it has been proven that it is necessary to crush the ore to about 40 mesh of the ordinary screen scale in order to free it and effect any kind of concentration. Crushing to this mesh, 10 to 12 per cent of the manganese values should be obtained of a grade 50 per cent Mn.

It will then be necessary to pass both the middling and tailing separately over a second set of tables where a concentrate and middling will be made in one case and a concentrate, middling and tailing in the other case. The concentrate made in both cases should be of a grade 45 per cent Mn., and represent a recovery of from 20 to 25 per cent of the manganese values in the crude ore; the middling would be re-treated and the tailing discarded.

The middling from this second concentration will have to be reground to from 60 to 80 mesh (ordinary screen scale) and reconcentrated. The middling from this third concentration should go over a second set of tables before returning to the regrinding circuit and the tailings from both sets of tables discarded. A concentrate of a grade 40 per cent Mn., with a recovery of 20 per cent of the manganese values in the crude should be obtained.

By the method of treatment outlined above it is possible to make commercial products on this ore and that it should be possible to make a recovery of between 50 and 60 per cent of the manganese values in the ore.

In the treatment of this ore at the testing laboratories the products had to be handled so often and in such a manner that the handling and slime loss was very high. With a proper installation, the handling loss would be nil and the slime loss eliminated to a large extent. From the above tables it will be noted that the actual loss in tailings sent to the waste dump contained 24·74 per cent of the manganese values in crude ore with an analysis of 5·08 per cent Mn. Allowing for a slime loss of 20 per cent of the Mn values in the crude ore the recovery would be 55 per cent.

Test No. 80.

ALICE ARM MOLYBDENITE ORE.

Supplementing our report of June 13, 1917, in which are contained the results of our small laboratory tests on Alice Arm molybdenite ore we made a regular mill test on this shipment with the following results:—

Net weight of ore treated	1,145 pounds.
Analysis—MoS_2	1·67 per cent.
MoO_3	0·07 "
Cu	0·17 "
Content — MoS_2	19·1215 pounds.
Cu	0·19465 "

The ore was ground in the ball mill to 60 mesh. (A 60-mesh ton-cap screen used.)

Rate of feed	1 ton per hour.
Oil mixture	Coal oil—½ pound per ton of ore.
	Pine oil—⅛ pound per ton of ore.

A sample of the concentrates and tailings was taken every 10 minutes.

Concentrate	36 pounds.
Analysis—MoS_2	44·50 per cent.
Cu	0·125 "
Content — MoS_2	16·020 pounds.
Cu	0·045 "
Recovery—MoS_2 values	83·7 per cent.
Cu	23·1 "
Tailing	1,109 pounds.
Analysis—MoS_2	0·29 per cent.
Cu	0·013 "
Content — MoS_2	3·2161 pounds
Cu	0·14965 "
Loss—MoS_2 values	16·8 per cent.
Cu values	76·9 "

Conclusions.—No trouble was experienced in the operation of the cells on this crude ore. An ideal froth was obtained on both rougher and cleaner cells, showing that the trouble experienced in our runs on two shipments of ground ore from the International Molybdenum Co., Renfrew, Ont., supposed to be for the most part of this ore, was not due to the nature of the ore itself, but rather to the fact of it being ground and allowed to stand and oxidize for a considerable time.

In the above test the grade of the concentrate is low and does not represent what could be secured in practice, as the cells were run so long to clean them up that the other sulphides were floated as well as the molybdenite. Owing to the nature of the ore however it does not seem probable that a grade much above 70 per cent MoS_2 would be made unless by regrinding the concentrate and refloating. By raising the grade of the concentrate the copper values would be reduced.

The tailings looked very clean as far as free flakes was concerned. It is doubtful whether any better tailing could be obtained, unless a little finer crushing was adopted.

Test No. 81.

MOLYBDENITE ORE FROM WILLIAMS AND RUFFNER, ROSSLAND, B.C.

A shipment of thirty-four bags of molybdenite ore was received on April 9 from Williams and Ruffner, Rossland, B.C.

The ore was high grade, of the flake variety, in quartz, with a small amount of iron and arsenical pyrites.

Gross weight of sample received	3,520 pounds.
Net weight of sample received	3,503 "
Moisture	2·28 per cent.
Net dry weight	3,423 pounds.
Analysis—MoS_2	10·54 per cent.
MoO_3	0·52 "
Pt	nil.
Au	trace.
Ag	trace.
Content — MoS_2	360·7842 pounds.
MoO_3	17·7996 "

A small scale test was first run on the laboratory Callow flotation machine. The moisture sample of the ore was crushed to pass 50 mesh; 1,000 grams were taken and mixed in a pebble jar for ten minutes with oil mixture—pine oil, ½ pound to ton of ore, hardwood creosote, ¼ pound to ton of ore, and coal oil, 5 pounds to ton of ore. A little water was added. It was then added to the machine, from which the following products were obtained:—

Concentrate	158 grams.
Analysis	65·97 per cent MoS_2
Content	104·2326 grams MoS_2
Recovery	87·6 per cent.
Middling	136 grams.
Analysis	4·30 per cent MoS_2
Content	5·848 grams MoS_2
Percentage of MoS_2 values	4·9 per cent.
Tailing	706 grams.
Analysis	1·27 per cent MoS_2
Content	8·9662 grams MoS_2
Loss	7·5 per cent.

Figuring on a recovery of 70 per cent of the MoS_2 values in the middling, the total recovery would be 91 per cent of the molybdenum values in the ore. As this ore contains 0·52 per cent MoO_3 which would report in the tailings or lost in solution and not recoverable by flotation, the recovery of actual molybdenite values in the ore would be about 95 per cent.

Large Scale Test.—For the large scale test, the ore passed through the regular molybdenite circuit, namely, from the crusher to the ball mill, where the oil mixture was added and then to a Callow screen fitted with a 60-mesh ton-cap screen, the oversize returning to the mill, the undersize going direct to the flotation cells.

The following results were obtained:—

Concentrate	
Weight	487 pounds.
Analysis	70·85 per cent MoS_2
Content	345·0395 pounds MoS_2
Recovery	95·7 per cent.
Tailing	
Weight	2,936 pounds.
Analysis	0·53 per cent MoS_2
Content	15·5608 pounds MoS_2
Loss	4·3 per cent.

Conclusions.—The ore was found to be an ideal one for concentration by oil flotation. A high recovery was made, namely, 95·7 per cent. The grade of the concentrate was rather low, but this was due to having to continue the operation so long in order to clean up the flotation cells. In actual practice this would not occur and a higher grade concentrate would result.

Test No. 82.

NETT LAKE MOLYBDENITE ORE.

A shipment of 21 bags of molybdenite ore was received April 16, 1918, from Jas. W. Barton, Toronto, Ont.

This ore was obtained from a property at Nett lake, Ont., near the T. and N.O. railway and consisted of hand-cobbed ore.

The ore is of the flake variety, in quartz, associated with it is a small amount of iron and copper pyrites. A small amount of silver and gold values is present.

Gross weight received	1,230 pounds.
Tare	14 "
Net weight received	1,216 "
Moisture	0·322 per cent.
Dry net weight	1,212 pounds.
Analysis—MoS_2	8·42 per cent.
MoO_3	0·24 "
Cu	0·50 "
Ag	0·29 oz.
Au	0·03 "
Content—MoS_2	102·0504 pounds.

A grab sample of this ore was taken as it was being crushed and sampled for analysis.

This sample was crushed to 50 mesh for a test on the laboratory flotation machine. Flake representing 2 per cent MoS_2 was removed, being caught on the screen. A 1000 grams of the 50-mesh material was taken for a test.

Oil mixture added—½ pound pine oil per ton of ore.
¾ " hardwood creosote per ton.
5 pounds coal oil per ton of ore.

Concentrate obtained	55 grams.
Analysis—MoS_2	78·65 per cent.
Content—MoS_2	43·2575 grams.
Recovery	76·5 per cent.
First middling obtained	10·2 grams.
Analysis—MoS_2	57·15 per cent.
Content	5·8293 grams
Recovery	10·3 per cent.

This middling was obtained from the screening of the original concentrate on a 100-mesh screen.

Second middling obtained	101·6 grams.
Analysis—MoS_2	4·02 per cent.
Content	4·08432 grams.
Percentage MoS_2 values	7·2 per cent.
Tailing obtained	833·2 grams.
Analysis—MoS_2	0·41 per cent.
Content	3·41612 grams.
Loss	6·0 grams.

Figuring on a recovery of 70 per cent of the MoS_2 values in the middling, the total recovery would be 91·8 per cent of the molybdenum values in the ore. As this ore contains 0·24 per cent MoO_3 which would report in the tailings or lost in solution and not recoverable by flotation, the recovery of the actual molybdenite values in the ore would be about 95 per cent.

Large Scale Test.—For the large scale test the ore which was first crushed in the jaw crusher to 1 inch was fed into the ball mill, where the oil mixture was added and ground to pass a 60-mesh ton-cap screen, the oversize returning to the mill while the undersize went to the flotation cells.

The following results were obtained from the run of the ore:—

Concentrate	127 pounds.
Analysis	78·55 per cent MoS_2
Content	99·7585 pounds MoS_2
Recovery	97·8 per cent.
Tailing	1,085 pounds.
Analysis	0·19 per cent MoS_2
Content	2·0615 pounds MoS_2
Loss	2·2 per cent.

Conclusions.—This was found to be an ideal ore for concentration by oil flotation. Remarkable results were obtained for such a high grade ore. It is generally found that with such an ore all the molybdenite is not freed and a large portion of what is not freed is lost in the tailings. The gold and silver values in the ore are so small that their recovery would not be commercial. The grade of the concentrate made was rather low but this was due to the fact, that in order not to hold too much of the molybdenite values in the circuit, the operations were carried too far to obtain a cleaner concentrate.

Test No. 83.

MOLYBDENITE-GOLD ORE FROM NEW HAZELTON, B.C.

A shipment of 10 bags of molybdenite ore was received on November 21, 1917, from the New Hazelton Gold Cobalt Mines, Ltd., New Hazelton, B.C.

The ore consisted of molybdenite, in fine flakes approaching the amorphous variety; molybdite, the molybdenum oxide; sulphides of iron; arsenopyrite, cobalt, probably in the form of both cobaltite and smaltite and erythrite, the cobalt bloom. Associated with these minerals are considerable values in gold. A small amount of silver is also present.

Gross weight of sample received, 870 pounds.

This sample was crushed to 10 mesh in a small jaw crusher and set of rolls and a sample obtained for small scale tests and for analysis. The analysis of the sample showed the ore to contain:—

Molybdenite (MoS_2)	1·98 per cent.
Molybdite (MoO_3)	0·10 "
Cobalt (Co)	0·96 "
Arsenic (As)	3·82 "
Gold (Au)	1·32 oz.
Silver (Ag)	0·12 "

The tests on this ore were conducted to obtain a separation of the mineral constituents of the ore and so concentrate them into commercial products. This was done along the following lines:—

Firstly.—The separation of the molybdenite values by oil flotation, to obtain a commercial molybdenite product.

Secondly.—The separation of the other sulphides from the gangue, to obtain a smelter product, carrying the arsenic, cobalt, and gold values.

Thirdly.—The further recovery of the gold value if necessary in the tailing after the separation of the above products.

Small Scale Test.—A sample of the ore cut out from the original head sample was ground to 48 mesh (Tyler's standard); 1,000 grams was taken and mixed in a pebble jar with oil mixture, 1 pound coal oil per ton, ¼ pound crude turpentine per ton and a little water, for ten minutes. It was then added to the laboratory Callow flotation machine from which three products were made, namely, a molybdenite concentrate, a middling and tailing. The middling and tailing were combined and run over a small Wilfley table to obtain a separation of the other sulphides. A table concentrate, a middling and tailing were made:—

The results of this test are tabulated below:—

Product.	Dry Wt. Gms	Analysis.				Content.				Percentages.			
		% MoS_2	% Co.	% As.	Ozs. Au.	Gms. MoS_2.	Gms. Co.	Gms. As.	Gram.-oz. Au.	% MoS_2.	% Co.	% As.	% Au.
Molybdenite concentration test.	31	50·00	0·80	2·45	3·60	15·5000	0·2480	0·7595	1·1160	78·28	2·58	1·99	8·45
Table conc. test....	49	1·00	11·12	38·00	4·25	0·4900	5·4488	18·6200	2·0825	2·47	56·76	48·74	15·78
Table middlings...	58	1·64	1·70	4·56	1·82	0·9512	0·9860	2·6448	1·0556	4·80	10·27	6·92	8·00
Table tails...	531	0·29	0·44	1·60	0·32	1·5399	2·3364	8·4960	1·6992	7·78	24·34	22·24	12·87
Slime loss, etc.....	331	0·40	0·18	23·20	2·19	1·3189	6·5808	7·6797	7·2467	6·66	6·05	20·11	54·90
Crude ore.....	1000	1·98	0·96	3·82	1·32	19·8000	9·6000	38·2000	13·2000	99·99	100·00	100·00	100·00

Summary.—From the above results the following deductions are made:—

Molybdenite.—The molybdenite concentrate made gave an analysis of 50·00 per cent MoS_2. This low grade of concentrate is usual in test work on the laboratory machine. Much better results are always obtained in practice, the grade of the concentrate increasing with the better manipulation of the machines.

A recovery of 78·28 per cent of the molybdenite values in the ore is contained in the concentrate. This recovery should easily be reached in actual practice.

Cobalt.—The table concentrate made gave an analysis of 11·12 per cent Co, with a recovery of 56·76 per cent of the cobalt values in the ore. The table middling made gave an analysis of 1·70 per cent Co, representing 10·27 per cent of the cobalt values in ore. This middling product would be returned to the circuit in practice. The total recovery of the cobalt values in the concentrate would be around 65 per cent.

Arsenic.—The table concentrate made gave an analysis of 38·00 per cent As., with a recovery of 48·74 per cent of the arsenic values in the ore. The table middling made gave an analysis of 4·56 per cent As., representing 6·92 per cent of the arsenic values in the ore. This middling product would be returned to the circuit in practice. The total recovery of the arsenic values in the concentration would be around 55 per cent.

Gold.—The above test shows that 8·45 per cent of the gold values remained in the molybdenite concentrate. These gold values are not in the molybdenite but in the other sulphides and would report to a large extent in the molybdenite tails in raising the grade of the concentrate by wet screenings in the mill circuit, the molybdenite flake staying on the screen while the fine iron sulphides pass through and back into the circuit. The table concentrate shows a recovery of 15·78 per cent of the gold values while the losses show 54·90 per cent of the gold values. It was supposed that in crushing to 48 mesh the gold was freed and caught on the blankets of the flotation cells, and only the gold that was not freed from the sulphides was recovered. If this is the case, the recovery of the gold values would show 70·68 per cent.

Large Scale Test.

For the large scale test the ore was run through the molybdenite circuit. The ore was already crushed to 10 mesh, so it was fed direct to the ball mill. Our practice is to first crush in a jaw crusher to 1½-inch and feed automatically to the ball mill. The oil mixture is added to the ball mill and enters the mill with the ore feed. The discharge from the ball mill runs down a launder to a 3-inch centrifugal pump which lifts the pulp onto one-half of a Callow screen fitted in this case with a 60-mesh ton-cap screen, the oversize from the screen being returned to the mill while the undersize goes direct to the rougher cell. This is not the common practice with molybdenite ores. A Dorr classifier is generally used instead of the screen after the ball mill. From the rougher cell a rougher concentrate and a tailing is made, the rougher concentrate going to the cleaner cell while the tailing from this ore was held in a tank for further treatment on the concentrating tables. From the cleaner cell, the concentrates were drawn off over the front of the cell to an elevator and elevated onto the other half of the Callow screen fitted with an 80-mesh ton-cap screen. The undersize from the screen going back to the rougher cell while the oversize was caught as molybdenite concentrates. The tailings from the cleaner cell are also returned to the head of the rougher cell. The object of screening the cleaner concentrates is to drop the fine iron sulphides through the screen, while the molybdenite due to the coagulation of the particles by the oil is held on the screen. The oil used on molybdenite ores, while having a preferential action for this mineral is not complete and fine particles of other sulphides will float with the molybdenite, hence the necessity for screening in this manner the cleaner concentrates.

Due to such a small amount of the ore on hand clean quartz was first added to the mill to help fill up the mill circuit before proceeding with the molybdenite.

After the operation was complete, the Callow cells were cleaned out as well as possible and this clean up dried, weighed and sampled.

The results of the test are tabulated below:—

Quartz added to mill	373	pounds.
Ore to mill	765	"
Total	1,138	"

Molybdenite Concentration of Crude Ore.

Product.	Dry Wt. Lbs.	Analysis.					
		% MoS_2.	% MoO_3.	% Co.	% As.	Oz. Au.	Oz. Ag.
Molybdenite concentrate	14·5	53·50	.....	0·30	0·43	1·40	.....
Clean up of cell	83·0	4·77	.....	0·85	2·17	1·33	.....
Molybdenite tailing	1000·0	0·35	.....	0·70	1·55	0·30	.....
Losses in circuit	40·5	.....	.....	.....	29·37	14·30	.....
Crude ore	765	1·98	0·10	0·96	3·82	1·32	0·12

Product.	Contents.				Percentages.			
	Lbs. MoS_2.	Lbs. Co.	Lbs. As.	Oz. Au.	% MoS_2.	% Co.	% As.	% Au.
Molybdenite concte.	7·7575	0·0435	0·0624	0·01015	51·21	0·59	0·21	2·01
Clean up of cell	3·9591	0·3855	1·8011	0·05520	26·14	5·25	6·17	10·93
Molybdenite tailing	3·5000	7·0000	15·5000	0·15000	23·11	95·31	53·04	29·71
Losses in circuit	0·0696	0·0850	+11·8595	+0·28955	− 0·46	− 1·15	+40·58	+57·35
Crude ore	15·1470	7·3440	29·2230	0·50490	100·00	100·00	100·00	100·00

Table Concentration of Molybdenite Tailing.

Product.	Dry Wt. Lbs.	Analysis.					
		% MoS_2.	% MoO_3.	% Co.	% As.	Oz. Au.	Oz. Ag.
Table concentrate	25	2·97	.....	9·30	33·56	7·55	.....
Table middling	26	1·25	.....	1·55	4·32	0·89	.....
Table tailing	949	0·26	.....	0 27	0·39	0·08	.....
Slime loss	.....	.....	.....	.....	.....	.....	.....
Molybdenite tailing	1000	0 35	.....	0·70	1·55	0·30	.....

Product.	Contents.				Percentages.			
	Lbs. MoS_2.	Lbs. Co.	Lbs. As.	Oz. Au.	% MoS_2.	% Co.	% As.	% Au.
Table concentrate	0·7425	2·3250	8·3900	0·09437	4·90	31·66	28·71	18·69
Table middling	0·3250	0·4030	1·1232	0·01157	2 14	5·49	3·84	2·29
Table tailing	2·4674	2 5623	3·7011	0·03796	16·22	34·90	12·67	7·52
Slime loss	−0·0349	+1·7097	+2·2857	+0·00610	− 0·15	23·26	7·82	1·21
Molybdenite tailing.	3·5000	7·0000	15·5000	0·15000	23·11	95·31	53·04	29·71

Summary.—From the above results the following deductions are made:—

Molybdenite.—The molybdenite concentrate made gave an analysis of 53·50 per cent MoS_2 with a recovery of 51·21 per cent of the molybdenite values in the ore. To this must be added the molybdenite values in the clean up of the cells, making a total recovery of molybdenite values, 77·35 per cent. This recovery can be worked up in practice, as well as the grade of the concentrate. The low grade of the concentrate is due to having to run the cells so long in order to obtain as much of the molybdenite values as possible in the concentrate. The cobalt, arsenic and gold values in this concentrate can also be reduced by careful manipulation as they are contained in the

fine sulphides other than molybdenite in the concentrates. A screen test was made on a sample of the concentrate, and analyses of the screen sizes were made as follows:—

Screen Sizes.	Weight Grams.	Analysis.			
		% MoS_2.	% Co.	% As.	Oz. Au.
+ 100	599	60·25	0·15	0 26	0·38
−100 + 150	209	54·35	0 18	0·24	0·35
−150 + 200	168	51·25	0·32	0·42	0·65
−200	615	49·70	0·48	0·61	3·00

From the above screen test it is shown that practically all the gold values can be eliminated from the molybdenite concentrates by careful work on the concentrate screen.

Cobalt.—The table concentrates gave a product 9·30 per cent Co. with a recovery of 31·66 per cent of the cobalt values in the ore. To this is added the cobalt in the middling, making the total recovery 37·15 per cent. From the above table of results it is shown that there has been a large loss in the tailing and in slime. This is very likely due to the cobalt occurring as bloom, as the sulphide and arsenide would concentrate more readily from the gangue.

Arsenic.—The table concentrate gave a product, 33·56 per cent arsenic having a recovery of only 28·71 per cent of the arsenic values in the ore, with the additional 3·84 per cent arsenic in the middling, makes a total recovery of 32·55 per cent. From the above table of results it will be noted, however, that 40·58 per cent of the arsenic values were lost in the mill circuit. The heavy arsenopyrite and iron pyrites in the ore remained to this extent in the ball mill, pump and pipe lines, and so were not recoverable on the table. If this percentage is added, the total recovery of the arsenic values would be 73·13 per cent.

Gold.—The table concentrates gave a product, 7·55 ozs. gold to the ton. The recovery in this concentrate was only 18·69 per cent of the gold values in the ore. The remaining gold values are accounted for as follows:—

In the molybdenite concentrate	2·01 per cent.
In the clean up of the cells	10·93 "
In the table middling	2·29 "
Losses in circuit	57·35 "
In the tailing	8·73 "

The gold values in the heavy sulphides were held up with the arsenopyrite and iron sulphides in the circuit along with any free gold. The free gold would also be caught in the canvas bottoms of the flotation cells. The actual losses of gold values not recoverable in actual practice would be the loss in molybdenite concentrate, which in the above test was 2·01 per cent and the loss in table tailing which was 8·73 per cent, making a total of 10·74 per cent. In actual practice a recovery of about 90 per cent of the gold values should be expected.

Conclusions.—From the test work conducted so far on this ore, it has been proven that the molybdenite values can be recovered by oil flotation with a recovery of from 75 per cent to 80 per cent; that the grade of the molybdenite concentrate can be improved and practically all the gold values removed by careful screening of the cleaner cell concentrate.

It has also been proven that by table concentration of the molybdenite tailing, the cobalt, arsenic, and gold values can be concentrated into a smelter product. This product should contain in actual practice 90 per cent of the gold values, with a fair concentration of the cobalt and 73 per cent of the arsenic values.

Instead of table concentration of the molybdenite tailing it may be advisable to regrind and refloat in another set of cells, recovering the gold values in this manner, similar to the practice at Cobalt, Ontario. A comparison of the two methods of recovering the gold values in the ore should be made.

It has also been proven that the sample of ore submitted contains free gold. An amalgamation test was made to prove whether the ore could be amalgamated before concentration. It was found out, however, that trouble would be experienced as with the case of all arsenopyrite ores and should not be resorted to if a good recovery can be made by other methods. The results of the test work on this ore has been so encouraging, that it would be advisable to continue with it on a larger scale. With a run on a carload lot, the losses in circuit would be minimized, the flotation cells would work more satisfactorily and a comparison of table concentration of the molybdenite tailing and reflotation of this tailing to recover the gold values could be made.

Test No. 84.

ZINC-LEAD ORE.

A sample of a few pounds of zinc-lead ore was received for analysis and report as to its adaptability to concentration.

This ore was submitted by Dr. Wilson, and was from Carmacks, Yukon territory.

On examination it was found that a portion of the iron sulphides was fairly coarsely crystalline, but that the zinc and lead were intimately associated.

A small test was run on the laboratory Callow pneumatic machine for concentration by oil flotation. The results obtained were not satisfactory, but would lead one to assume that with careful research work a separation might be effected in this manner. Another test was made on a small Wilfley table, to ascertain the results by water concentration. From this test it was found that a large percentage of the iron could be removed in the tailing and that the concentrate, middling, and slimes might be further concentrated by oil flotation.

The results of these tests were as follows:—

Original sample—Zinc	1·19 per cent.
Lead	0·94 "
Ag	2·15 oz.
Oil flotation test—(1,000 grams used).	
Concentrate	47·4 grams.
Analysis—Zinc	13·52 per cent.
Lead	11·15 "
Middling	44·2 grams.
Zinc	2·55 per cent.
Lead	2·68 "
Tailing	862 grams.
Zinc	0·94 per cent.
Lead	0·27 "
Table test	1,720 grams used.
Concentrate	44 grams.
Zinc	13·69 per cent.
Lead	6·98 "
Middling	247 grams.
Zinc	2·03 per cent.
Lead	1·26 "
Tailing	1,150 grams.
Zinc	0·73 per cent.
Lead	0·20 "
Slime loss	279 grams.

Conclusions.—The ore for the above tests was crushed to pass 50 mesh. The tests prove that this is not fine enough to obtain a good separation. A separation to a certain extent has been made both by oil flotation and table concentration. The

flotation test is the better of the two methods and would have to be resorted to in the concentration of an ore of this class where very fine crushing is necessary. A combination of both table concentration followed by oil flotation would probably be the better method of concentration.

Test No. 85.

GRAPHITE CONCENTRATES.

A shipment of two bags, 200 pounds of graphite concentrates, was received on January 25, 1918, from the New Quebec Graphite Co., Ltd., Buckingham, Que.

This graphite was their concentrate from some point in their milling operations, and contained as impurities, quartz adhering to the graphite flake, mica, and a small amount of iron sulphides.

The analysis of this shipment showed it to contain:—

Carbon	60·10 per cent.
Silica	20·10 "
Iron	2·20 "

The product desired was a commercial graphite flake as high in carbon as possible to obtain.

Tests were made on the Huff electrostatic separator to remove the mica, without appreciable results. Some of the mica was removed but at the expense of a large loss of the graphite flake.

A test was run on the large Callow pneumatic machine, the concentrate being fed in the head of the rougher cell with water, a little coal oil and pine oil being added. The analysis of the concentrate made was as follows:—

Carbon	72·30 per cent.
Silica	11·20 "
Iron	2·30 "

On examination of this concentrate it was found that the mica was eliminated but the quartz adhering to the graphite flake remained.

The iron content was practically the same. It is doubtful whether this came from the graphite concentrate or was picked up in the air lifts of the cells from former tests on molybdenite ores.

To make a clean concentrate it was necessary to regrind, to free the quartz gangue adhering to the flake. This was done in the wet ball mill using pebbles for grinding. An accurate test could not be made as the amount of concentrate was too small. The mill was charged with 380 pounds of pebbles, 122 pounds of concentrate, and 122 pounds of water, and allowed to run for 30 minutes.

A screen test was made on the concentrate before grinding and also on the concentrate after grinding and refloating. From the screen test scales submitted in this report it will be found that the grinding produced 10 per cent more fines than in the original concentrate. This is probably high to what it would be in actual practice as it has been found that with careful operation the regrinding with pebbles does produce but very little more fines than the feed, and frees the flake from the adhering gangue.

The analysis of the final concentrate was as follows:—

Carbon	83·45 per cent.
Silica	6·50 "
Iron	2·00 "

Conclusions.—The above test shows that a considerable improvement has been made on the grade of the concentrate. The concentrate was screened on 100, 150, and 200 Tyler standard screens with the following results:—

+100—78·2 per cent of concentrate.	
Analysis—C	86·50 per cent.
SiO_2	4·30 "
—100+150—13·3 per cent of concentrate.	
Analysis—C	82·05 per cent.
SiO_2	11·90 "
—150+200—3·8 per cent of concentrate.	
Analysis—C	68·45 per cent.
SiO_2	17·00 "
—200—4·7 per cent of concentrate.	
Analysis—C	48·32 per cent.
SiO_2	19·40 "

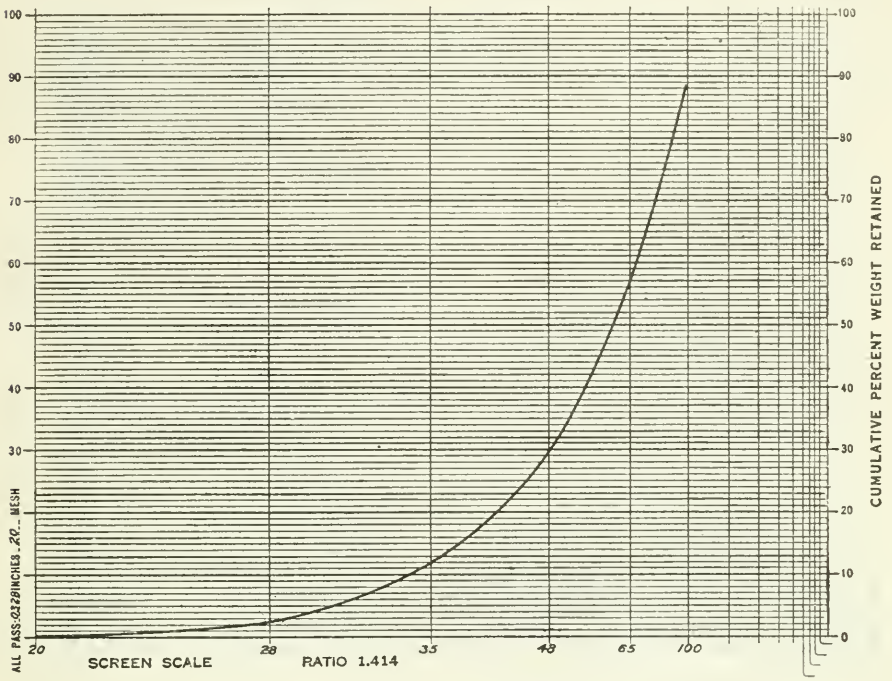
From the + 28 size, the larger pieces of clean flake were picked out and analysed as follows:—

Carbon	92·25 per cent.
Iron and alumina	3·60 "
Lime and magnesia	Absent.
Insol. silica	3·00 per cent.
Volatile and undetermined	1·15 "

This analysis determines the limit of concentration without crushing the flake finer, as the gangue is included in the flake itself.

Cumulative Direct Diagram of Screen Analysis on Sample of *Graphite Concretes before grinding*

Name *W. B. Timm* Date *April 27th, 1918.*

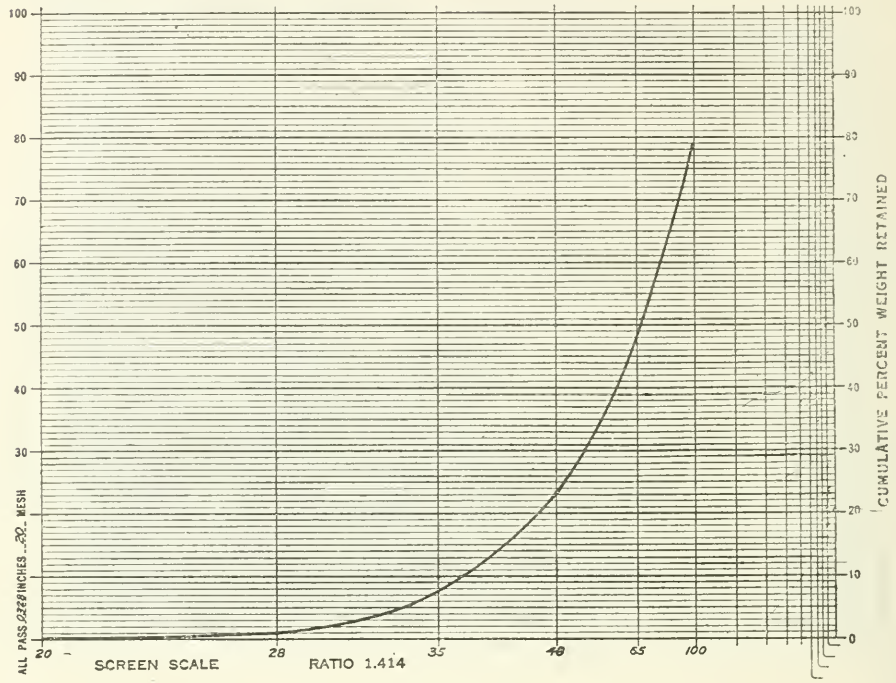


Indicate the Screen Crushed Through and also First Retaining Screen.	Screen Scale Ratio 1·414. Openings. Inches.	Openings. Millimeters.	Mesh.	Diameter Wire Inches.	Sample Weights	Per Cent.	Per Cent Cumulative Weights
	1·050	26·67		·149			
	·742	18·85		·135			
	·525	13·33		·105			
	·371	9·423		·092			
	·263	6·680	3	·070			
	·185	4·699	4	·065			
	·131	3·327	6	·036			
	·093	2·362	8	·032			
	·065	1·651	10	·035			
	·046	1·168	14	·025			
All these	·0328	·833	20	·0172			
	·0232	·589	28	·0125	19	2·2	2·2
	·0164	·417	35	·0122	89	10·1	12·3
	·0116	·295	48	·0092	157	17·9	30·2
	·0082	·208	65	·0072	238	27·1	57·3
	·0058	·147	100	·0042	273	31·1	88·4
Pass 100					101	11·5	11·5
Totals					877	99·9	

Diagram VII.

Cumulative Direct Diagram of Screen Analysis on Sample of *Graphite Concᵗᵉˢ after grinding*

Name *W. B. Timm* Date *April 27ᵗʰ, 1918.*



Indicate the Screen crushed through and also First Retaining Screen.	Screen Scale Ratio 1·414. Openings. Inches.	Openings. Millimeters.	Mesh.	Diameter Wire Inches.	Sample Weights	Per Cent.	Per Cent Cumulative Weights
	1·050	26·67		·149			
	·742	18·85		·135			
	·525	13·33		·105			
	·371	9·423		·092			
	·263	6·680	3	·070			
	·185	4·699	4	·065			
	·131	3·327	6	·036			
	·093	2·362	8	·032			
	·065	1·651	10	·035			
	·046	1·168	14	·025			
All these	·0328	·833	20	·0172			
	·0232	·589	28	·0125	3	0·46	0·5
	·0164	·417	35	·0122	48	7·4	7·9
	·0116	·295	48	·0092	99	15·3	23·2
	·0082	·208	65	·0072	167	25·7	48·9
	·0058	·147	100	·0042	190	29·3	78·2
Pass 100					141	21·8	21·8
Pass							
Totals					648	100·0	

Diagram VIII.

Test No. 86.

MOLYBDENITE ORE FROM HALEYS, ONT.

A shipment of 20 sacks of molybdenite ore was received May 1 from J. F. Day, Sudbury, Ont. This shipment came from a property near Haleys Station, Ont.

The molybdenite was of the flake variety, in quartz. Very little mica or iron sulphides was present.

Gross weight received	2,601 pounds.
Net weight received	2,584 "
Moisture	0·18 per cent.
Net dry weight	2,579 pounds.
Analysis——MoS_2	1·97 per cent.
Content—MoS_2	50·8063 pounds.

Small Scale Tests.—A sample of the ore was crushed to pass 40 mesh from which 1,000 grams were taken for a test on the laboratory Callow flotation machine.

Oil mixture added	2 pounds coal oil per ton. ½ pound pine oil per ton.
Concentrate obtained	18·5 grams.
Analysis—MoS_2	76·28 per cent.
Content—MoS_2	14·1118 grams.
Recovery	83·0 per cent.
Middling obtained	101 grams.
Analysis—MoS_2	1·09 per cent.
Content—MoS_2	1·1009 grams.
Percentage MoS_2 values	6·00 per cent.
Tailing obtained	880·5 grams.
Analysis—MoS_2	0·20 per cent.
Content—MoS_2	1·7610 grams.
Loss	11·0 per cent.

Figuring on a recovery of 70 per cent of the molybdenite values in the middling, the total recovery would be 87 per cent.

Four hundred and sixty-five grams of ore crushed to 40 mesh were used for a test on the Janney laboratory flotation machine. Oil mixture same as former test.

Concentrate obtained	7·5 grams.
Analysis—MoS_2	80·35 per cent.
Content—MoS_2	6·02625 grams.
Recovery	89·6 per cent.
Middling obtained	43 grams.
Analysis—MoS_2	1·09 per cent.
Content—MoS_2	0·4687 grams.
Percentage MoS_2 values	7·0 per cent.
Tailing obtained	414·5 grams.
Analysis—MoS_2	0·055 per cent.
Content—MoS_2	0·2280 grams.
Loss in tailing	3·4 per cent.

Figuring on a recovery of 70 per cent of the molybdenite values in the middling, the total recovery would be 94·5 per cent.

Large Scale Test.—The ore which was already crushed for sampling was run through the regular molybdenite circuit. It was fed to the ball mill, where the oil mixture was added. The discharge of the mill passed over a Callow screen, fitted with a 45-mesh ton-cap screen, the oversize returning to the mill, while the undersize went direct to the flotation machines. Only two products were made, a concentrate and a tailing.

Concentrate obtained	65 pounds.
Analysis—MoS_2	69·77 per cent.
Content—MoS_2	45·3505 pounds.
Recovery	89·1 per cent.
Tailing to waste	2,514 pounds.
Analysis—MoS_2	0·22 per cent.
Content—MoS_2	5·5308 pounds.
Loss	10·9 per cent.

Conclusions.—Ore is very easily concentrated and would in actual practice produce a very high grade concentrate with a high recovery of the molybdenite values. A concentrate of 85 to 90 per cent grade should be obtained with a recovery of 95 per cent of the molybdenite values.

Test No. 87.

WOLFE CO., QUE., GOLD QUARTZ.

Two shipments of gold-bearing quartz was received from Lake Aylmer, Wolfe county, Que. These shipments were submitted by Chas. J. Wallich, Detroit, Michigan.

Shipment No. 1 was received on January 4, 1918.

Net weight	238 pounds.
Analysis—Au	0·06 oz.

Shipment No. 2 was received March 18, 1918.

Net weight	343 pounds.
Analysis—Au	0·04 oz.

The ore consisted of narrow bands of quartz in a schist formation. No free gold was visible.

Cyanide tests were made on shipment No. 1, on portions crushed to 50 mesh and to 100 mesh.

Strength of cyanide solution used was 0·15 per cent.

Weight of ore taken—300 grams.

Amount of solution used—1,000 c.c.

Duration of agitation—24 hours.

Solution decanted off and tailings washed, dried and analysed.

Tailing—50-mesh material—Au.—0·02 ounces.

Tailing—100-mesh material—Au.—trace.

Test No. 88.

CONCENTRATION TESTS ON PYRITE ORE.

A shipment of three bags of pyrite ore was received on April 9, 1918, from Robert Gamble, Ottawa, Ont.

This ore was obtained from the surface showings and was much oxidized. This pyrite was finely crystalline. Very little gangue material was present. The object of the test was to raise the sulphur content to a commercial grade.

As the pyrite present was finely crystalline, tests were made on the ore crushed to different meshes and the ore concentrated on tables.

It was crushed to 10 mesh and sampled.

Weight received	460 pounds.
Analysis—S	20·93 per cent.
Fe	52·90 "
Cu	Trace.

It was divided into four lots by means of the Jones riffled sampler. One lot was left at 10 mesh. Another lot was crushed to pass 20 mesh, and another to pass 30 mesh, and another to 40 mesh.

Each lot was concentrated separately on an Overstrom table and the products weighed and analysed. The results of the tests are contained in the following table:—

Crude Ore.		Concentration Products.				Handling and slime loss.
Mesh.	Weight.	Product.	Weight.	Analysis.		
	Lbs.		Lbs.	% S.	% Fe.	Lbs.
10 mesh	113	Concentrate	69	22·62	54·00	
		Middling	5	22·54	53·60	14
		Tailing	25	17·16	51·60	
20 mesh	110·5	Concentrate	30·5	23·52		
		Middling	30	23·20		24
		Tailing	26	19 67	52·00	
30 mesh	115	Concentrate	31·5	25·22		
		Middling	41·5	23·10		26·5
		Tailing	15·5	17·23		
40 mesh	113·5	Concentrate	27	26·00		
		Middling	37·5	23·92		31·5
		Tailing	17·5	17·98		

Summary and conclusion:—

This ore was taken from the surface showings and is much oxidized so that it contains all the oxidation products from the sulphide to the oxide and were it not for this oxidization would be practically a pure sulphide containing Fe—46·6 per cent, S.—53·4 per cent. A very pure pyrite ore, requiring no concentration, should be obtained at depth, or after the oxidization zone had been penetrated.

Table concentration improved the grade slightly, as there is a small difference in the gravity of the sulphide and the oxide; more sulphide reporting in the concentrate and more of the oxide in the tailing.

A separation could be made by magnetic concentration and by oil flotation but this would not be permissible on account of the fineness of the concentrate produced.

The copper content is too low to be of any commercial value, only a trace being found in the head sample.

Test No. 89.

GOLD ORE FROM SUDBURY, ONT.

A shipment of 3½ bags of gold ore was received on December 11, 1917, from J. S. Black, Sudbury, Ontario.

Gross weight received	220 pounds.
Net weight received	215 " "
Analysis—gold	1·70 oz. per ton.

The gold was associated with arsenopyrite in the ore and although free gold was visible to the naked eye it was proven that it was not free milling.

Tests were conducted to recover the gold values by amalgamation, by table concentration and flotation, and by cyaniding the table tailing.

The ore was first crushed to pass 40 mesh and sampled, from which the above analysis of 1·70 oz. to the ton was obtained. A portion of this sample was held for a flotation test.

Amalgamation.—The ore crushed to pass 40 mesh less the sample was panned to recover any free gold. It was given a second panning to see if any more gold values were recoverable by this method.

Tailing after 1st amalgamation—1·20 oz. gold per ton.

Tailing after 2nd amalgamation—1·13 oz. gold per ton.

Recovery by amalgamation—33·5 per cent of gold value

Table concentration.—The tailings from the amalgamation tests were concentrated on an Overstrom table with the following results:—

Weight of pulp to table	200 pounds.
Analysis—gold	1·13 oz.
Content—gold	0·113 "
Concentrate obtained	17 pounds.
Analysis—gold	7·15 oz.
Content—gold	0·0608 oz.
Recovery of gold values	53·8 per cent.
Middling obtained	74 pounds.
Analysis—gold	0·74 oz.
Content—gold	0·0274 oz.
Percentage of gold values	24·3 per cent.
Tailing obtained	54 pounds.
Analysis—gold	0·34 oz.
Content—gold	0·0092 oz.
Percentage of gold values	8·1 per cent.
Slime loss	55 pounds.
Analysis—gold	0·57 oz.
Content—gold	0·0156 oz.
Percentage of gold values	13·8 per cent.

Figuring on a recovery of 70 per cent of the gold values in the middling being recovered with the concentrate in returning the middling to the milling circuit in actual practice, the recovery by table concentration would be 70·8 per cent. This would leave 29·2 per cent of the gold values left in the slime and table tailings. The slime loss from the table concentration would not be a loss if further treatment by cyanidation would be resorted to.

Flotation Concentration.—A sample of the crude ore crushed to 40 mesh was taken for this test, and the concentration made on the Callow pneumatic testing machine.

Ore used	1,000 grams.
Oil used	2 pounds per ton of mixture.
	10 per cent coal tar.
	50 " " creosote.
	40 " hardwood oil F.P.L. No. 26.
Concentrate obtained	151 grams.
Analysis—gold	7·54 oz. per ton.
Content—gold	11·3854 gram-oz.
Recovery of gold values	67·0 per cent.
Middling obtained	77 grams.
Analysis—gold	1·06 oz. per ton.
Content—gold	0·8162 gram-oz.
Percentage of gold values	4·8 per cent.
Tailing obtained	772 grams.
Analysis—gold	0·62 oz. per ton.
Content—gold	4·7864 gram-oz.
Percentage of gold values	28·2 per cent.

Figuring on a recovery of 70 per cent of the gold values in the middling being recovered with the concentrate in actual practice, the recovery by flotation would be 70·4 per cent. This would leave 29·6 per cent of the gold values left in tailing, which would have to be cyanided. Finer grinding would no doubt give a better recovery by this method.

Cyanidation.—Tests were made on the table middling and the table tailing. A sample of each of these products was ground to pass a 100-mesh screen.

Middling—Analysis—gold	0·76 oz. per ton.
Amount of middling taken	200 grams.
Amount of solution used	1,000 c.c.
Strength of solution used	0·15 per cent.
Lime added	1 gram.
Duration of agitation	12 hours.
Analysis of tailing	0·26 oz. per ton.
Recovery of gold values in middling	65 per cent.
Consumption of cyanide	2·5 pounds per ton.

Tailing—Analysis—gold	0·34 oz. per ton.
Amount of tailing taken	200 grams.
Amount of solution used	1,000 c.c.
Strength of solution used	0·15 per cent.
Lime added	1 gram.
Duration of agitation	12 hours.
Analysis of tailing	0·02 oz. per ton.
Recovery of gold value in table tailing	94 per cent.
Consumption of cyanide	0·5 pounds per ton.

It will be noted that a poor extraction is made on the table middling but that a high recovery is made on the table tailing. The consumption of cyanide is high on the middling and comparatively low on the tailing for this class of ore. The low extraction and high consumption of cyanide on the middling is due to the arseno pyrites remaining in this product. The test was run on the middling to determine this point.

Conclusions.—Amalgamation should not be resorted to on this ore. Trouble would be encountered in keeping the plates clean which together with the loss in mercury would prohibit its use.

Table concentration and cyanidation of the table tailings seems to be the better method of procedure with an ore of this class. A recovery of 70 per cent of the gold values in the ore should be obtained in the table concentrates. A further recovery of $30 \times 94 \div 100 = 28{\cdot}2$ per cent of the gold values in the ore should be obtained by cyaniding the table tailing, making a total recovery of 98 per cent of the gold values in the ore.

Flotation concentration and cyanidation of the flotation tailings would be equally as good were it not that trouble might be experienced in cyaniding the flotation tailing.

Test No. 90.

SCHEELITE CONCENTRATES FROM YUKON.

A shipment of three bags of scheelite concentrates was received Feb. 16, 1918, from Frank W. Canton. This shipment was made through G. D. Mackenzie, gold commissioner for the Yukon.

Gross weight of concentrate received	354 pounds.
Net weight of concentrate received	350 "
Analysis—WO_3	69·50 per cent.
Au	3·98 oz.
Content—WO_3	243·25 pounds.
Au	0·6965 oz.

This concentrate was amalgamated to extract the free gold. It was found that part of the gold was free and part still adhering to the quartz grains in the scheelite.

Weight after amalgamation	343·5 pounds.
Analysis—WO_3	70·88 per cent.
Au	1·91 oz.
Content—WO_3	243·47 pounds.
Au	0·328 oz.
Bullion recovered	0·237 "

In order to make a further recovery of the gold values it would be necessary to grind the concentrates to free the gold from the quartz. The loss in the scheelite would be greater than the recovery made on the gold so this was not resorted to. It would not be possible to make a separation by water concentration as the gold with adhering quartz particles has the same gravity as the scheelite.

Test No. 91.

MOLYBDENITE TAILING FROM HULL MILL.

A carload shipment of molybdenite tailing from the Hull plant of the Canadian Wood Molybdenite Co. was received on May 31, 1918, from the Wood Molybdenite Co., Ottawa, Ont.

Gross weight	59,026 pounds.
Moisture	5·66 per cent.
Net dry weight	55,685 pounds.
Analysis—MoS_2	0·55 per cent.
MoO_3	0·04 "
Content — MoS_2	306·27 pounds.

This carload was run through the regular molybdenite circuit as follows:—

It was first weighed, a moisture sample taken and sent to the ball mill through a Vezin sampler where the regular head sample was cut out. From the ball mill the pulp passed into a Callow screen fitted with a 45-mesh screen, the undersize going to the flotation cell, the oversize being returned to the ball mill. The oil mixture was added to the mill.

Oil mixture used—25%	No. 5 pine oil.
25%	F.P.L. No. 25 light hardwood creosote.
50%	Coal oil.

1½ pounds of this mixture was used per ton.

Concentrate obtained	129 pounds.
Analysis—MoS_2	41·27 per cent.
Content—MoS_2	53·24 pounds.
Recovery of—MoS_2	17·4 per cent.
Tailing to waste	55,556 pounds.
Analysis of tailing samples	0·45% MoS_2
Calculated analysis of tailing	0·455% MoS_2
Content—MoS_2	253·03 pounds.
Loss of MoS_2 values	82·6 per cent.

Conclusion.—The tailing was very badly oxidized and flotation was hindered by salts in solution. The flotation properties of the flake was destroyed partially through oxidization and partially by the previous drying of the ore. These are the main causes of the poor extraction and the low grade of concentrate.

To prepare the tailings for concentration they should be washed thoroughly to remove the salts which go into solution, thickened and reground in a tube mill to brighten up the flake, so that the oil will adhere to it and then it should be in shape for flotation.

Test No. 92.

MOLYBDENITE ORE FROM LOON LAKE, ONT.

On July 2, 1918, a sample of 502 pounds of molybdenite ore was received from J. A. Johnston, Loon Lake, Ont.

The molybdenite was of the flake variety in a quartz and feldspar gangue, practically free from other sulphides but containing a small amount of mica.

Net weight of ore received	502 pounds.
Analysis—MoS_2	2·14 per cent.
MoO_3	0·10 "
Content — MoS_2	10·7428 pounds.
MoO_3	0·5020 "

SESSIONAL PAPER No. 26a

Tests were conducted on the laboratory flotation machines to determine the adaptability of the ore for concentration.

1,000 grams of the ore crushed to pass 48 mesh; ·0116″ aperture was taken for each test.

The oil used in each case was 1 pound of No. 5 pine oil per ton of ore, and 2 pounds of coal oil per ton of ore.

Each test was agitated in a pebble mill to obtain a mixture of the oil, water and ore for 10 minutes.

On test No. 1 only the tailing was analysed which gave 0·29% MoS_2.

On test No. 2 only the tailing was analysed which gave 0·19% MoS_2.

On test No. 3 all products were weighed and sampled with the following results:—

Concentrate obtained	21 grams.
Analysis—MoS_2	85·70 per cent.
Content—MoS_2	17·9970 grams.
Recovery of MoS_2	90·1 per cent.
Middling obtained	23 grams.
Analysis—MoS_2	2·77 per cent.
Content—MoS_2	0·6371 grams.
Percentage of MoS_2 values	3·2 per cent.
Tailing obtained	956 grams.
Analysis—MoS_2	0·14 per cent.
Content—MoS_2	1·3384 grams.
Loss of MoS_2 values	6·7 per cent.

Figuring on a recovery of 70% of the MoS_2 values in the middling, the total recovery would be 92·3% of the values in the crude ore.

Conclusions.—From the above results it has been determined that this ore can be easily concentrated. The laboratory tests show a concentrate of grade 85·70% MoS_2 with a recovery of 92·3% of the MoS_2 values. In practice better results should be obtained. On an ore of this class a concentrate of grade 90% with a recovery of 95% of the MoS_2 values could be expected.

Test No. 93.

A shipment of nine bags of molybdenite ore was received on June 30, 1918, from H. Leger, Campbell's Bay, Que.

Gross weight received	768 pounds.
Net weight received	759 "
Analysis—MoS_2	1·025 pounds.
Content—MoS_2	7·78 "

The molybdenite was of the flake variety in a pyroxenite gangue. Very little iron pyrites was present.

A test was made on the laboratory Callow flotation machine to determine its adaptability to concentration by oil flotation.

1,000 grams of the ore was used, crushed to pass 48 mesh, ·0116″ aperture.

The oil mixture was ½ pound of No. 5 pine oil and 1 pound coal oil per ton of ore.

The results of the test follow:—

Product.	Weight Grams.	Analysis % MoS_2	Content Gram MoS_2	Percentage of MoS_2 Values.
Concentrate	7	88·02	6·1614	70·4
Middling	379	0·41	1·5539	17·8
Tailing	614	0·17	1·0438	11·8

Conclusion.—It was found that the ore was an ideal one for concentration by this method. Containing very little iron pyrites, a high grade concentrate is easily made. A concentrate of grade 88·02% MoS_2 was made on the testing machine and a better grade should be made in practice. The above test shows that a good recovery can be obtained. Figuring on a recovery of 70% of the values in the middling, the total recovery would be 82·9% of the MoS_2 values in the crude ore.

Test No. 94.

Two samples of manganese ore was received on June 17, 1918, from W. F. C. Parsons, Bathurst, N. B.

These samples were marked Nos. 1 and 2 and contained pyrolusite, finely crystalline in a reddish slate gangue.

Concentration tests were made on a laboratory Wilfley table to determine their adaptability to concentration.

Both samples were ground to 50 mesh.

2,000 grams of sample No. 1 were taken.

1,000 grams of sample No. 2 were taken.

Sample No. 1 gave an analysis of:—

Mn.. .. .. 24·92% Fe.. .. .. 9·00%

Sample No. 2 gave an analysis of:—

Mn.. .. .. 16·20% Fe.. .. .. 8·10%

The results of the test work are contained in the following table:—

Sample No.	Product.	Weight Grams.	% Mn.	Analysis.		Content Mn. Grams	Percentage of Mn. Values.
				% Fe.	% SiO_2		
1	Concentrate	589	41·97	10·0	17·15	247·20	49 6
	Middling, No. 1	61	25·82	11·6		15·75	3·2
	Middling, No. 2	179	12·72	11·7		22·77	4·6
	Tailing	568	5 51			31·30	6·3
	Slime loss	603	30·08			181·38	36·4
	Totals and averages	2,000	24·92	9·0		498·40	100·1
2	Concentrate	98	48·35	7·1	9·20	47·38	29·3
	Middling	39	30·76			12 00	7·4
	Tailing	526	9·33			49·08	30·3
	Slime loss	337	15·90			53·54	33·0
	Totals and averages	1,000	16·20	8·1		162·00	100·0

Conclusion.—From the above results, the concentration of this ore in practice would be for a manganese concentrate of grade 40%, a recovery of 50% to 60% of the manganese values, and for a manganese concentrate of grade approaching 50% a recovery of 30 to 40% of the manganese values.

Test No. 95.

Two shipments of ferro-molybdenum slag were received, one on May 6, 1918, and the other on May 10, 1918 from the Tivani Electric Steel Co., Belleville, Ont.

This slag was from the reduction of molybdenite concentrates into ferro-molybdenum in the electric furnace.

The test was conducted to concentrate the pellets of ferro-molybdenum which were shot through the slag and recover them as concentrate.

To accomplish this necessitated the grinding of the slag to free the ferro-molybdenum and concentration on tables to recover it.

Molybdenum values in the slag other than in the form of the metal could not be recovered by this method.

Slag received—Shipment No. 2	62,745	pounds.
Shipment No. 3	14,095	"
Total	76,840	"
Moisture—3·00%	2,305	"
Dry net weight	74,535	"
Analysis—Total Mo	4·22	per cent.
Mo as MoO_3	0·30	"
Mo as ferro	3·92	"
Content—Total Mo	3,145·3770	pounds.
Mo as MoO_3	223·6050	"
Mo as ferro	2,921·7720	"

A flow sheet showing the method of procedure follows:—

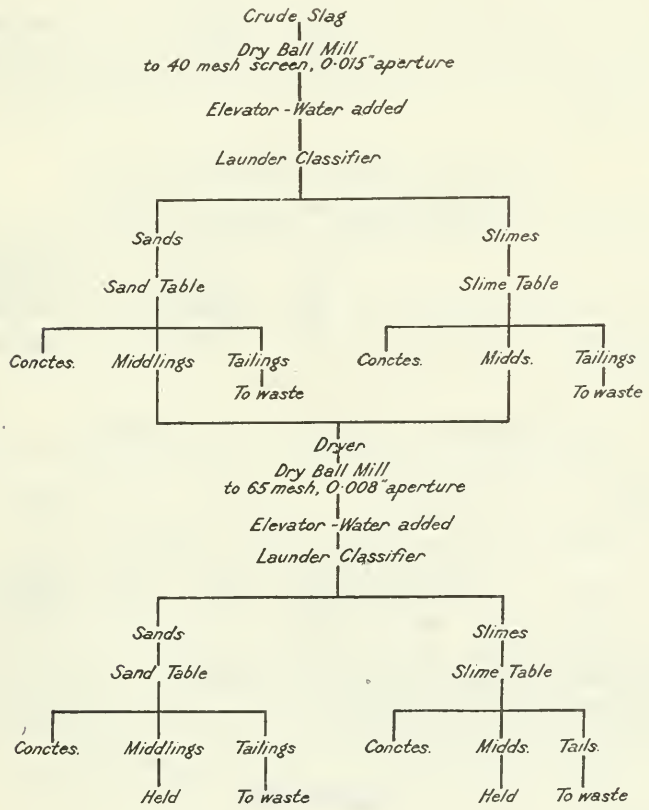


Fig. 6.—Flow sheet showing method of recovering ferro-molybdenum values from the slag of molybdenite concentrates.

As this slag contained a lot of steel turnings which got into it at the shipper's yards and these turnings were ground and reported in the concentrates from the tables, it was necessary to reconcentrate the concentrate to remove as much of them as possible.

The results of the concentration are contained in the following table:—

CONCENTRATION OF SLAG.

Crushed to 40 mesh, 0·015″ aperture.

Product.	Weight.	Analysis.		Content.	Per cent of
		Total Mo.	Mo as MoO_3.	Total Mo.	Values. Mo.
	Lbs.	%	%	Lbs.	
Concentrate	3,192	56·41	....	1800·5754	57·25
Middling	17,668	3·37	0·44	595·4116	18·93
Tailing	53,675	1·48	0·37	749·3900	23·82
Totals and averages	74,535	4·22	0·30	3145·3770	100·00

CONCENTRATION OF MIDDLINGS.

Crushed to 65 mesh, 0·008″ aperture.

Concentrate	775	45·00	.....	348·4908	11·08
Middling	130·5	31·22	.....	40·7421	1·30
Tailing	16762·5	1·23	0·24	206·1788	6·55
Totals and averages	17668	3·37	0·44	595·4116	18·93

RECONCENTRATION OF CONCENTRATES.

To remove iron turnings crushed with slags.

Concentrate	3374	63·18	.....	2131·6932	67·77
Middling	306	31·22	.....	95·5332	3·03
Tailing	287	24·00	.....	68·8800	6·55
Totals and averages	3967	57·89	.....	2296·1064	72·99

SUMMARY OF PRODUCTS RECOVERED.

Product.	Weight.	Analysis.			Content.	Recovery of
		Mo.	C.	S.	Mo.	Values.
	Lbs.	%	%	%	Lbs.	Mo.
Concentrate	3,374	63·18	2·90	0·901	2131·6932	67·77
Middling	436·5	31·22	.....	....	136·2753	4·33
Tailing	287	24·00	.....	.... ..	68·8800	2·19

Actual recovery of total molybdenum values in slag. 74·29 per cent.
MoO_3 values were all lost in the tailing.. .. .. ..
Recovery of ferro-molybdenum in slag.. .. .. 79·97 per cent.

Test No. 96.

Two samples of manganese ore were received on June 14, 1918, from Dr. Hayes of the Geological Survey. These samples were obtained from the farm of Mrs. Geo. Harrington, Gowland Mountain, N.B.

Sample marked "A" was high grade and gave the following analysis:—

Mn. .. .. .. 50·62% Fe. .. .. .. 0·30% SiO_2.. .. .. 15·00%

Sample marked "B" was low grade and gave the following analysis:—

Mn.. .. .. 24·69% Fe.. .. .. 3·00%

The manganese was in the form of pyrolusite, finely crystalline in a reddish slate gangue.

A test was made on 2,000 grams of B sample, crushed to 50 mesh, on the laboratory Wilfley table to determine its adaptability to concentration. The results follow:—

Product.	Weight grams.	Analysis.			Content.	Percentage of
		Mn.	Fe.	S.	Grams Mn.	Mo. Values.
		%	%	%		
Concentrate	433	52·29	3·50	9·85	226·416	45·85
Middling	101	32·50	3·45		32·825	6·65
Tailing	890	9·85			87 665	17·75
Slime loss	576	25·50			146·894	29·75
Totals and averages	2,000	24·69			493·800	100·00

Conclusions:—

In practice on an ore of this class to obtain a concentrate of grade 50 per cent manganese, a recovery of 50 per cent of the Mn. values could be expected. To obtain a concentrate of grade 40 per cent Mn. a recovery of 60 per cent could be expected.

Test No. 97.

A shipment of two bags of tailing of approximately 200 pounds from a former molybdenite plant at Hull, Que., was received on June 18, 1918, from the Wood Molybdenite Co., Ottawa, Ont.

These two bags were sampled in Jones riffled samplers and samples cut out for analysis, screen test and concentration tests on the laboratory flotation machines.

Analysis of shipment.. .. .. 0·87% MoS_2 / 0·07% MoO_3

The results of the screen test are shown on the accompanying scale sheet.

The results of the flotation tests are given in the following table.

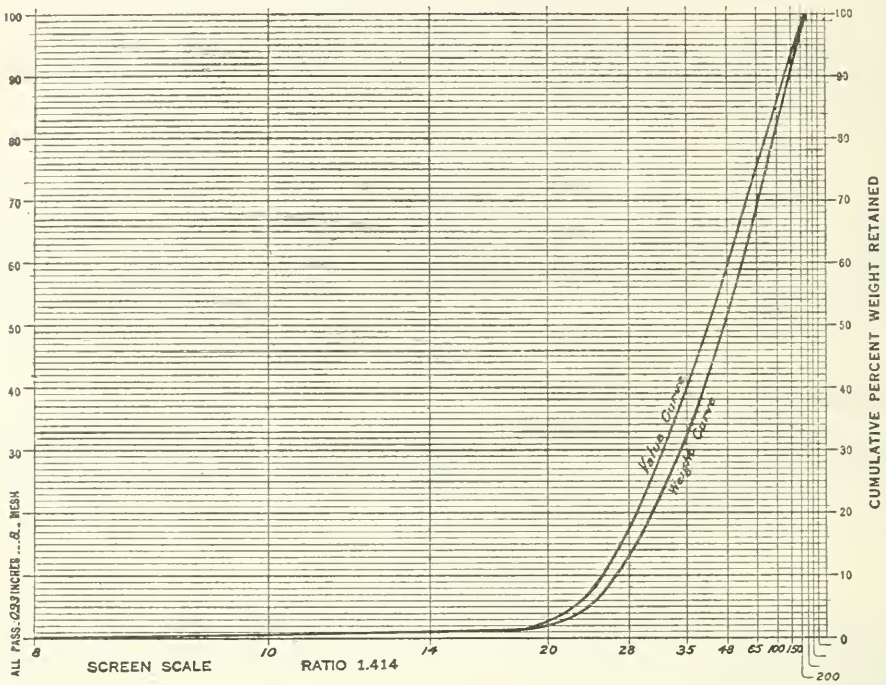
Conclusion.—The screen test was made to determine just where the molybdenite values were. It was thought that practically all the values were in the coarse sizes. From the test it has been proven that 33% of the tailings by weight is finer than 65 mesh and contain 25·4% of the molybdenum values.

From the table giving the results of the flotation tests it will be seen that the tailing does not readily lend itself to oil flotation. In all cases the froth was not good, resulting in poor recoveries. Even on the washed tailing good results could not be obtained, the only reason for this being that the floating properties of the flake have been destroyed. This has been proven by the large amount of values contained in the middling, which ranges between 25 and 40% of the values in the crude. On an ordinary ore these values would not be above 10% and generally are around 5%. Recoveries in the table have been calculated on recovering 70% of these values, which is permissible with the raw ore, but it is doubtful if this can be obtained on this tailing.

It is possible that a method of treatment could be worked out that would be satisfactory but the amount of tailing to be treated would hardly warrant the installation of a plant and the preparatory work necessary before the plant would be in condition to give a satisfactory recovery.

Cumulative Direct Diagram of Screen Analysis on Sample of *Hull Tailings (O.E. Wood)*

Name *W. B. Timm* Date *June 17th 1918.*



Indicate the Screen crushed through and also First Retaining Screen.	Screen Scale Ratio 1·414. Openings. Inches.	Openings. Millimeters.	Mesh.	Diameter Wire Inches.	Sample Weights grams.	Per Cent.	Per Cent Cumulative Weights	Analysis % MoS_2.	Content grams.	% of MoS_2 Values.	Cumulative % of MoS_2 Values.
	1·050	26·67		·149							
	·742	18·85		·135							
	·525	13·33		·105							
	·371	9·423		·092							
	·263	6·680	3	·070							
	·185	4·699	4	·065							
	·131	3·327	6	·036							
All these	·093	2·362	8	·032							
	·065	1·651	10	·035							
	·046	1·168	14	·025	32	1·2	1·2	1·12	0·60	2·8	2·8
	·0328	·833	20	·0172	22	0·9	2·1				
	·0232	·589	28	·0125	280	10·9	13·0	1·12	3·14	14·5	17·3
	·0164	·417	35	·0122	506	19·8	32·8	0·97	4·91	22·6	39·9
	·0116	·295	48	·0092	487	19·0	51·8	0·86	4·19	19·3	59·2
	·0082	·208	65	·0072	398	15·6	67·4	0·84	3·34	15·4	74·6
	·0058	·147	100	·0042	374	14·6	82·0				
	·0041	·104	150	·0026	200	7·8	89·8	0·66	5·50	25·4	25·4
	·0029	·074	200	·0021	116	4·6	94·4				
Pass	·0029	·074	200	·0021	144	5·6	5·6				
Totals					2559	100·0		0·85	21·68	100·0	

Diagram IX.

Weight of tailing used for each test—1,000 grams.

Oil mixture in each case—½ pound pine oil and 1 pound

Test No.	Treatment of Tailing before Concentration.	Mesh ground to.	Concentrates.				Middlings.				Tailings.				Total Recovery figuring 70% of values in Middlings Recovered.
			Weight grams.	Analyses MoS_2.	Content MoS_2.	Per cent MoS_2.	Weight.	Analyses MoS_2.	Content MoS_2.	Per cent MoS_2.	Weight.	Analyses MoS_2.	Content MoS_2.	Per cent of MoS_2.	
			Grams.	%	Grams.	Values.	Grams.	%	Grams.	Values.	Grams.	%	Grams.	Values.	
1	Unwashed tailing	48	5·8	71·07	4·12	48·2	217	1·08	2·34	27·4	772·2	0·27	2·08	24·4	67·4
2	Unwashed tailing	65	5·0	61·08	3·05	37·2	223	1·41	3·14	38·3	772·0	0·26	2·01	24·5	64·0
3	Washed 15 min., decanted, dried and ground	48	3·5	85·53	2·99	37·9	163	1·79	2·92	36·9	833·5	0·24	2·00	25·3	63·7
4	Washed 15 min., decanted, dried and ground	48	5·6	86·70	4 80	58·9	191	1·62	3·09	37·5	803·4	0 16	1·29	15·6	85·1
5	Same as No. 4, but ground to	65	4·6	65·60	3·02	37 1	202	1·47	2·97	36·5	793·4	0 27	2·14	26·4	62·6
6	3 washings of 15 mins. each, decanting after each wash, finally dried and ground to	48	12·7	33·80	4·29	43·5	193	1·16	2·24	22·7	794·3	0·42	3·34	33·8	59·4
7	Same as No. 6, but ground to	65	6·7	38·16	2·56	32·2	304	1·02	3·10	39·1	689·3	0·33	2·27	28·7	59·6

Test No. 98.

Two shipments of titaniferous iron ore were received, one on March 21, 1918, and the other on March 26, 1918, from Dr. Goodwin, Kingston, Ont.

No. 1 shipment	2 bags.
Gross weight	125 pounds.
Analysis—Fe	46·23 per cent.
TiO_2	27·56 "
No. 2 shipment	2 bags.
Gross weight	150 pounds.
Analysis—Fe	46·63 per cent.
TiO_2	28·51 "

Test work was conducted on these two lots to make a separation of the iron from the titanium. The results obtained were not promising, showing that it is not possible to effect a separation by mechanical means of ore dressing. The results are given in the following tables:—

Test No. I.—Separation by means of a horse-shoe magnet, with sheath on, under water.

Mesh.	Wt. of ore taken. Grams.	Product.	Wt. of products. Grams.	Analysis. % Fe.	Analysis. % TiO_2
20	2,000	Magnetic	790	50·05	24·40
		Non-magnetic	186	32·29	40·15
38	1,000	Magnetic	154	50·45	24·20
		Non-magnetic	47	31·86	39·75
80	1,000	Magnetic	161	49·60	25·20
		Non-magnetic	38	33·05	38·35
150	1,000	Magnetic	159	49·38	32·08
		Non-magnetic	41	25·22	35·80

Test No. II.—Separation by water concentration on sand table after crushing to 30 mesh.

Product.	Weight. Lbs.	Analysis. % Fe.	Analysis. % TiO_2
Concentrate	82·0	46·30	29·67
Middling	16·0	42·26	24·20
Tailing	4·0	35·79	24·00

Test No. III.—Magnetic separation (wet) on the Ullrich magnetic separator—after crushing to 35 mesh.

Product.	Weight. Lbs.	Analysis. % Fe.	Analysis. % TiO_2
Ring No. 1	27·5	50·95	22·93
" 2	5·5	50·35	23·44
" 3	2·0	48 22	27·65
" 4	6·5	29·72	44·24
Middling	0·5	31·44	35 36
Tailing	4·0	30·43	34·75

Test No. 99.

On July 15, 1918, a shipment of molybdenite ore was received from the Wood Molybdenite Company, Ottawa, Ont. This shipment was from Masham, Que., and consisted of 18 cans:—

Gross weight	2,085·5 pounds.
Net weight	1,968·5 "
Analysis—MoS_2	1·97 per cent.
Content—MoS_2	38·78 pounds.

The molybdenite in the ore was of the flake variety in a heavy sulphide gangue of pyrrhotite and iron pyrites with a little pyroxenite. The ore for the most part was pure sulphides. Traces of arsenic are present.

Tests were conducted on the laboratory flotation machines to determine the adaptability of the ore for concentration by oil flotation.

The results of the test work are contained in the following table:—

Test No.	Machine Used.	Weight of Ore taken.	Oil Mixture.		Mesh Ore Crushed to.	Concentrates.			
			Pine Oil per ton.	Coal Oil per ton.		Weight.	Analysis content, percentage of Values.		
		Grams.	Lbs.	Lbs.		Grams.	% MoS_2.	Grams. MoS_2.	MoS_2.
1	Callow.	1,000	½	1	48	9·0	81·50	7·34	41·9
2	Janney.	1,000	½	1	48	24·0	23·86	5·73	33·6
3	Callow.	1,000	1	2	48	7·5	67·69	5·08	28·8
4	Callow.	1,000	1	2	65	11·0	53·13	5·84	35·8

Middlings.				Tailings.				Total Recovery figuring 70 % of MoS_2 in Middling Recovered.
Weight.	Analysis content, percentage of Values.			Weight.	Analysis content, percentage of Values.			
Grams.	MoS_2.	Grams. MoS_2.	MoS_2.	Grams.	% MoS_2.	Grams. MoS_2.	MoS_2.	
94	5·93	5·57	31·9	897	0·51	4·57	26·2	64·2
183	4·49	8·22	48·3	793	0·39	3·09	18·1	67·4
178	4·93	8·78	49·6	814·5	0·47	0·47	21·6	63·5
186	3·69	6·86	42·1	803	0·45	3·61	22·1	65·3

Conclusions.—Flotation results on this ore are not satisfactory. Tailings look clean with the naked eye but on examination under the microscope contain molybdenite included in the pyrites. Fine crushing does not seem to assist the concentration to any appreciable extent as shown in No. 4 test.

Test No. 100.

A shipment of 25 pounds in one box containing manganese ore samples was received on September 6, 1918, from O. Turgeon, M.P., Bathurst, N.B.

On examination the ore was found to be pyrolusite, finely crystalline in a gangue of quartz and reddish slate or shale.

The samples were crushed together to 50 mesh and sampled for analysis:—

Analysis—Manganese—Mn	23·27 per cent.
Iron—Fe	5·11 "
Silica—SiO_2	53·03 "

A concentration test was made on a small scale to determine the adaptability of the ore to concentration.

Five thousand grams of the ore crushed to pass 50 mesh were taken and run over a laboratory Wilfley table, the concentration products from which were weighed and sampled for analysis. The results of this test were as follows:—

Concentrate obtained	1,566 grams.
Analysis—Mn	53·13 per cent.
Fe	3·06 "
SiO_2	6·10 "
Content—Mn	832·02 grams.
Percentage of Mn. values	71·5 per cent.
Middling obtained	85 grams.
Analysis—Mn	35·41 per cent.
Fe	6·76 "
SiO_2	30·54 "
Content—Mn	30·10 grams.
Percentage of Mn. values	2·6 per cent.
Tailing obtained	2,319 grams.
Analysis—Mn	8·58 per cent.
Fe	3·18 "
SiO_2	79·91 "
Content—Mn	198·97 grams.
Percentage of Mn. values	17·1 per cent.
Slime loss	1,030 grams.
Analysis—Mn	9·94 per cent.
Content—Mn	102·42 grams.
Percentage of Mn. values	8·8 per cent.

Conclusions.—It will be noted from the above results that a concentrate was obtained of a grade 53·13 per cent manganese with a recovery of 71·5 per cent of the manganese values, and that a middling product was made of grade 35·41 per cent manganese representing 2·6 per cent of the manganese values in the ore. The tailing and slime loss combined represented 25·9 per cent of the manganese values in the ore.

The above results are exceptionally good for a manganese ore. The ore, however, is a fairly high grade one, and the recovery obtained would drop in proportion to the grade of the ore, that is on an ore of this class of grade 15 per cent manganese a recovery of 50 per cent of the manganese values would be the most that would be expected.

The concentrate obtained is a chemical product as the iron and silica are below the limit. Should the grade of the ore be around 15 per cent manganese, it would hardly be feasible in practice to make this high grade product, or at least any quantity of it, but a metallurgical product could be made of grade 45 per cent to 48 per cent that could be used for reduction to ferro-manganese.

Test No. 101.

A shipment of scheelite ore was received on August 28 from Geo. A. Cameron, Eureka, N.S.

This shipment was contained in 21 canvas sacks.

Gross weight	1,075 pounds.
Net weight	1,067 "
Sample weights	4 "
Net weight treated	1,063 "

Analysis—WO_3	40·47 per cent.
As	6·06 "
MoS_2	Nil.
Au	Nil.
Ag	Nil.
Pt	Nil.
Content — WO_3	430·1961 pounds.
As	32·5278 "

The scheelite occurs in a quartz gangue, associated with it is a small amount of pyrite and arsenopyrite.

Tests were conducted on this ore to obtain a commercial product, suitable for reduction to ferro-tungsten in an electric furnace.

The ore was crushed to pass 20 mesh and sampled. It was then run over a concentrating table, the middling from the table being reground to 50 mesh and run over the table. The result of this concentration was as follows:—

Concentrate—Weight	644·5 pounds.
Analysis—WO_3	64·73 per cent.
As	4·18 "
Content—WO_3	417·1848 pounds.
As	26·94 "
Percentage of WO_3 values	96·98 per cent.
Tailing—Weight	295 pounds.
Analysis—WO_3	1·10 per cent.
Content—WO_3	2·849 pounds.
Percentage of WO_3 values	0·66 per cent.
Slime loss—Weight	50·5 pounds.
Analysis—WO_3	17·08 per cent.
Content—WO_3	10·1623 pounds.
Percentage of WO_3 values	2·36 per cent.

Conclusions.—From the above ore, a concentrate of grade 64·73% was obtained with a recovery of practically 97 per cent of the WO_3 values; 3 per cent of the WO_3 values was lost in slime and in the tailing.

The concentrate obtained carries 4·18 per cent As. in the form of arsenopyrite. This will necessitate roasting of the concentrate to eliminate the arsenic in order to obtain a first-class product.

Test No. 102.

GRAPHITE ORE FROM LACHUTE, QUE.

A shipment of graphite ore of approximately 300 pounds was received on October 9, from Thos. H. Rae, Lachute, Que.

On examination it was found that the flake was fairly fine. The gangue material was composed of quartz and crystalline limestone. A small amount of iron pyrites is present.

The ore was crushed to 30 mesh and sampled giving an analysis of carbon 15·00 per cent.

A series of tests were made on the Callow pneumatic testing machine to determine its adaptability to concentration by this method.

For this purpose a portion was crushed in a small ball mill to pass 40 mesh, while another portion was crushed to 30 mesh. It was found that it would be necessary to crush to a fineness of 30 mesh to free the flake from the gangue.

The results of the test work are contained in the following table:—

Run No.	Wt. of Ore taken. Grams.	Analysis % C.	Content Grams C.	Concentrates. +80 0·175 mm. −80+115. Wt. Grams.	Analysis % C.	Content Grams C.	% of C. Values.	Concentrates. −115 0·124 mm. Wt. Grams.	Analysis % C.	Content Grams C.	% of C. Values.
1.	3000	15·0	450	96	92·00	88·32	19·5	189	64·52	121·94	26·9	518	44·60	231·03	51·0
2.	2000	15·0	300	63	93·80	59·09	18·4	81	88·85	71·97	22·4	336	53 60	180·10	55·9
3.	2000	15·0	300	72	90·80	65·38	21·8	109	60·23	65·65	21·9	338	48·00	162·24	54·1
4.	1000	15·0	150	97	62·00	60·14	40·1	97	46·30	44·91	30·0	118	33·30	39·29	26·2
5.	1000	15·0	150	36	94·40	33·98	22·1	38	93·70	35·61	23·2	94	82·30	77 36	50·4
6.	1000	15·0	150	58	89·50	51·91	34·7	38	84·40	32·07	21·4	115	50·45	58·02	38·7

Total of C.	Recovery Values.	Middlings. Wt. of Grams.	Analysis % C.	Content Grams C.	% of C. Values.	Tailings. Wt. of Grams.	Analysis % C.	Content Grams. C.	% of C. Values.	Total % of C. Values in Middlings and Tailings.
97·4	.....	557	1·58	8 80	1·9	1640	0·20	3·28	0·7	2·6
96·7	.....	451	1·70	7·67	2·4	1069	0·28	2·99	0·9	3·3
97·8	.....	331	1·20	3·97	1·3	1150	0·24	2·76	0·9	2·2
96 3	.....	195	2·40	4·68	3·1	493	0·18	0·89	0·6	3·7
95·7	.....	173	2·95	5·10	3·3	659	0·23	1·52	1·0	4·3
94·8	.....	296	2·30	6·81	4·6	493	0 18	0·89	0·6	5·2

Run No. 1.—Ore was first crushed to 40 mesh; pine oil and coal oil used; ground for 5 minutes in pebble mill; floated; concentrates reground for 15 minutes in pebble mill and floated.

Run No. 2.—Ore was first crushed to 40 mesh; pine oil and coal oil used; ground for 5 minutes in pebble mill; floated; concentrates reground for 20 minutes in pebble mill and floated, resulting in a higher grade concentrate on all sizes than Run No. 1 but with a little lower recovery of carbon values in high grade flake.

Run No. 3.—Ore was first crushed to 40 mesh; pine oil and coal oil used; ground for 5 minutes in pebble mill; floated, concentrates reground for 10 minutes in pebble mill and floated, resulting in a little lower grade concentrate than No. 1 run on the coarser sizes but a little higher recovery of carbon in high grade flake.

Run No. 4.—Ore was first crushed to 30 mesh; a small amount of No. 25 F.P.L. light creosote oil used; ground for two minutes in pebble jar to get oil mixed; floated; concentrates refloated without further grinding; results in a low grade concentrate with a high recovery of carbon values on the coarser sizes. This test was run to see what the results would be without regrinding.

Run No. 5.—Ore was first crushed to 30 mesh; a small amount of No. 25 F.P.L. light creosote oil used; ground for five minutes in a pebble jar; floated; concentrates reground for twenty minutes in pebble jar and floated; resulting in a very high grade concentrate on all sizes with a high recovery of the carbon values.

Run No. 6.—Ore was first crushed to 30 mesh; a small amount of No. 25 F.P.L. light creosote oil used; ground for five minutes in a pebble jar; floated; concentrates reground for ten minutes in pebble jar and floated, resulting in a lower grade concentrate than run No. 5 but with a much higher recovery of the carbon values in the coarser sizes.

This series of tests were run to make as high grade a concentrate as possible and to hold as much as possible on the coarser sizes.

Summary.—The ore is readily adaptable to the oil flotation process. The results of the above test show that 95 per cent of the carbon values is recovered in the concentrates; that with proper manipulation 20 per cent to 25 per cent of the carbon values is contained in the flake on 0·175 mm. screen of a grade above 90 per cent, and 20 per cent to 25 per cent of the carbon values is contained in the flake through 0·175 mm. screen and on 0·124 mm. screen of a grade around 90 per cent and 45 per cent to 50 per cent of the carbon values is contained in flake through 0·125 mm. screen of a grade above 80 per cent.

The consumption of oil is very small, ranging between one pound and two pounds per ton of ore.

The flake in this ore is a very thin and high grade one, which floats readily with the addition of very little oil.

Test No. 103.

A shipment of 50 pounds of graphite ore was received on October 10, 1918, from the Jas. H. Mason Smelting Co., Toronto, Ont.

The graphite in this ore was fairly coarse flake in a gangue of quartz and crystalline limestone.

The ore was crushed to 30 mesh and sampled, giving an analysis of 2·37 per cent carbon.

Tests were made on the Callow pneumatic testing machine to determine its adaptability to concentration.

Run No. 1.—Made on 4,000 grams of the ore. Ground in a pebble jar for 5 minutes with a small amount of pine oil and coal oil. Floated in testing machine; the concentrates reground for 10 minutes in the pebble jar and refloated.

Concentrate+80-mesh	26 grams.
Analysis—C	87·65 per cent.
Content—C	22·79 grams.
Recovery of C. values	26·2 per cent.
Concentrate—80+115-mesh	31 grams.
Analysis—C	66·60 per cent.
Content—C	20·65 grams.
Recovery of C. values	23·8 per cent.
Concentrate—115-mesh	58 grams.
Analysis—C	65·45 per cent.
Content—C	37·86 grams.
Recovery of C. values	43·6 per cent.
Middling	44 grams.
Analysis—C	3·00 per cent.
Content—C	1·32 grams.
Percentage of C. values	1·6 per cent.
Tailing	3,841 grams.
Analysis—C	0·11 per cent.
Content—C	4·23 grams.
Percentage of C. values	4·8 per cent.
Total recovery in concentrate	93·6 "
Percentage of carbon values in middling and tailing	6·4 "

Run No. 2.—Made on 2,000 grams of the ore. Ground in pebble jar for 5 minutes with a small amount of pine oil and coal oil. Floated in testing machine and the concentrates reground for 5 minutes in the pebble jar and refloated.

Concentrate+80-mesh	32 grams.
Analysis—C	82·70 per cent.
Content—C	26·46 grams.
Recovery of C. values	50·4 per cent.
Concentrate—80+115-mesh	12 grams.
Analysis—C	74·50 per cent.
Content—C	8·94 grams.
Recovery of C. values	17·0 per cent.
Concentrate—115-mesh	21 grams.
Analysis—C	69·00 per cent.
Content—C	14·49 grams.
Recovery of C. values	27·6 per cent.
Middling	60 grams.
Analysis—C	1·80 per cent.
Content—C	1·08 grams.
Percentage of C. values	2·1 per cent.
Tailing	1,875 grams.
Analysis—C	0·08 per cent.
Content—C	1·50 grams.
Percentage of C. values	2·9 per cent.
Total recovery in concentrate	95·0 "
Percentage of carbon values in middling and tailing	5·0 "

Summary.—The ore is adaptable to concentration by the oil flotation process. A recovery of 95 per cent of the carbon values can be obtained in concentrates. A 90 per cent carbon flake should be obtained on the coarser sizes with a 65 per cent to 70 per cent grade in the fines. It is a question of manipulating the crushing to obtain this. The low content of graphite in the ore would not make it a commercial proposition.

Test No. 104.

A shipment of placer scheelite concentrates was received on August 13, 1918, from D. E. Clindinin, Dawson, Y.T. This shipment consisted of 10 bags having a gross weight of 1,301 pounds and a net weight of 1,293 pounds.

A sample was cut out by means of the Jones riffler sampler for analysis.

Net weight received	1,293 pounds.
Analysis—WO_3	66·50 per cent.
Au	8·30 oz.
Ag	1·20 "
Content—WO_3	859·845 pounds.
Au	5·367 oz.
Ag	0·776 "

The concentrate was crushed to pass a 40-mesh screen in rolls and the metallics caught on the screen. These metallics contained the coarse gold and represented approximately 55% of the gold values. They were melted down into bullion.

Weight of metallics	150 grams.
Weight of bullion obtained	3·12 oz.

The concentrate through 40-mesh was sampled, weighed, and packed for shipment as follows:—

Gross weight	1,300 pounds.
Net weight	1,285 "
Analysis—WO_3	66·90 per cent.
Au	3·30 oz.
Ag	0·18 "
Content—WO_3	859·665 pounds.
Au	2·12 oz.
Ag	0·115 "

Amalgamation and cyanide tests were made on samples of the concentrate through 40 mesh. The results of the amalgamation tests were as follows:—

Assay before amalgamation—Au	3·30 oz.
Ag	0·18 "
Assay after amalgamation—Au	0·21 "
Ag	0·03 "
Extraction of gold values	90·6 per cent.
Extraction of silver values	83·3 "

Cyanide tests were made on samples of the concentrates, crushed to 40 mesh and crushed to 100 mesh but gave poor results. The tests made on the concentrate without washing showed an extraction of 50% of gold and silver values with a very high consumption of cyanide; on the washed concentrate, the extraction was 20% of the gold values on the 40-mesh material and 60% on the 100-mesh material with a low consumption of cyanide.

Conclusions.—From the above tests it was found that the gold and silver values in the concentrate was in the form of coarse flake, 55% of which could be caught as metallics in crushing to 40 mesh and 90% of the remaining gold values and 83% of the remaining silver values could be recovered by amalgamation.

III

REPORT OF THE CHEMICAL LABORATORY.

H. C. Mabee, *Chemist.*

Owing to the continued demand by munition authorities for molybdenum, the sampling and chemical examination of molybdenite ores and concentrates carried on during the previous year, was continued during the early part of 1918, as also the sampling and analysing of ferro-molybdenum and other ferro alloys.

During the year, a large number of field samples of ores and minerals were received through the Canadian Mineral Resources Commission from various localities throughout the Dominion. As many of these samples required a more or less complete analysis, a great part of the time of the chemical staff was occupied with this class of work. At the close of the year, some 125 samples of gold-platinum sands were received through the Commission from the Tulameen river, Potato creek, and other districts in British Columbia. The assay results of these samples were not completed at the close of the year and are therefore not included in this report.

In the Ore Dressing and Metallurgical Laboratories a large number of experimental tests were performed during the year, which also involved the usual amount of samples and chemical analyses.

The total number of samples submitted for analysis was 1,240. These may be conveniently arranged according to the following classification, with, for the most part, the nature of the chemical analysis performed in each case.

Barite, 1 sample.

Determined—barium sulphate, silica, nickel, and cobalt.

Chromite, 2 samples.

Determined—chromic oxide, copper, nickel, and cobalt.

Copper, 21 samples.

Determined—copper, silver, gold, lead, and zinc.

Ferro-manganese, 15 samples.

Determined—manganese, iron, silica, phosphorus, and sulphur.

Ferro-manganese slags, 14 samples.
Determined—manganese, iron, silica, and lime.

Ferro-molybdenum, 22 samples.
Determined—molybdenum, carbon, and sulphur.

Graphite, 58 samples.
Determined—carbon, silica, and iron.

Gold, 42 samples.
Determined—gold, and silver.

Gold-cobalt, 80 samples.
Determined—gold, cobalt, molybdenum, nickel, and arsenic.

Iron, 7 samples.
Determined—iron, silica, lime, phosphorus, and sulphur.

Manganese, 200 samples.
Determined—manganese, iron, silica, phosphorus, and sulphur.

Molybdenite, 619 samples.
Determined—molybdenum sulphide, and molybdenum tri-oxide.

Nickel, copper ores and slags, 8 samples.
Determined—nickel, copper, iron, silica, and sulphur.

Pyrite, 21 samples.
Determined—sulphur, arsenic, lead, zinc, and copper.

Platinum, gold, 59 samples.
Determined—platinum, and gold.

Sandstone and gravel, 6 samples.
Determined—silica, iron, and lime.

Steel, 2 samples.
Determined—carbon, manganese, sulphur, and phosphorus.

Tungsten, 26 samples.
Determined—tungstic acid, arsenic, copper, and gold.

Titaniferous iron, 28 samples.
Determined—titanic acid, and iron.

Zinc-lead, 9 samples.
Determined—zinc, lead, and iron.

Out of the total number of samples analysed, about 310 were directly or indirectly for the Canadian Munitions Resources Commission, 40 for the Imperial Munitions Board, and 890 from customs work and experimental tests performed in the Ore Dressing Laboratories.

CERAMIC DIVISION.

J. Keele, *Chief of the Division.*

Introductory.

The laboratory work during the last year consisted of testing materials sent in for examination and in special experimental work on magnesite, dolomite, and silica, for refractory uses.

The areas of brick clay in the Ottawa valley between Arnprior and Pembroke were partly mapped and sampled during the field season and about two weeks prospecting for tile clay was done in Prince Edward Island by the writer.

There is an increasing demand for information regarding clay deposits suitable for the manufacture of structural materials in order to meet the needs in building. As several of the brick plants in Canada were either closed during the last few years or operating under a partial output, it is not probable that many new plants will be started, but changes which make for increased efficiency in handling material and in the saving of fuel are likely to be largely adopted in most of the plants now in operation. The increasing cost of fuel will be a powerful incentive to prevent waste in firing clay wares.

The annual value of clay products made in Canada, also the amount of imported clay products, are given in the Mineral Production of Canada. This is a statistical report which is published annually by the Mines Branch.

A report on silica in eastern Canada is in preparation; this report will include those forms of quartz suitable for ceramic processes.

The position of assistant Ceramic Engineer has not been filled up to the present, consequently the work undertaken by the Division is limited. There are no facilities offered in training in this branch of engineering in Canada.

The following pages include some of the more important tests on clays made during the year. The record of the majority of the tests is not included, as many samples reach us which are not accompanied by any adequate description, either of exact locality or amount available, hence the determinations are of dubious value to the general reader.

BRITISH COLUMBIA.

Residual Clays.

Residual clays are the result of certain processes which break down the structure of rocks and soften them in situ. Weathering and leaching by surface and ground waters appear to be the most active agencies in the formation of residual clays, but this alteration has in some cases been effected by pneumatolysis, which is the action of heated, chemically active gases ascending from below.

The principal rocks yielding residual clay are granites, felsites, porphyrites, basalts, tuffs, slates, argillaceous quartzites, or sandstones, and impure limestones.

The residual clay most highly valued in the industries is kaolin or china-clay. This material is white in colour both in the raw and burned state and is highly refractory, resisting the action of heat up to the softening point of cone 34 (1810 deg. C.). The chemical analysis of such a clay yields little more than silica, alumina,

and water. When iron, lime, magnesia, titanium, and alkalis, which are fluxing impurities, show in any appreciable quantity in an analysis the material begins to deteriorate in value, and although a clay with as high as 7 or 8 per cent of these impurities may be refractory and might be used as a fireclay, it would not be a kaolin in the industrial sense.

The principal users of kaolin or china-clay are the paper makers and potters, but it has many minor uses.

Whiteness in colour, fineness in grain, and refractoriness are the essential qualities required for these uses. Clays which appear pink or reddish-yellow or grey in colour in the field may be useful in some branch of the clayworking industry but not in those where whiteness in colour is imperative. The varied colours of the raw clays are mostly due to the iron content and these colours are generally intensified on burning.

Residual clays are comparatively rare in British Columbia as they are in most glaciated regions, but in the Interior Plateau region where glaciation seemed to have been less severe than in other portions of the Province a few occurrences have been noted.

While residual clays strictly speaking are those which have not been moved from their original position, some of these clays are accumulated in a flat at the foot of the rock slopes from which they were derived, but if their origin is apparent they may still be regarded as residual deposits.

Prospecting for kaolin has been taken up in recent years in British Columbia, but so far no deposit of commercial value has been recorded. A few occurrences of material approaching kaolin in character but of small extent are included in the following notes.

DUCKS.

About 4 miles southwest of Ducks a clay deposit occurs between two small lakes known as the Buce lakes. Samples were collected from this deposit in 1918 by W. F. Ferrier, who describes the occurrence as follows: "The clay is deposited in a flat at the base of a hill with steep jugged peaks, and is evidently derived from the alteration of the rocks of which the hill is composed.

In the upper part are rusty weathering, black diabase, with some included tuff beds. Below these is a pale coloured and rusty weathering phase of the diabase, very highly altered, with feldspar almost entirely kaolinized. Lower down the hill the rock becomes darker in colour. The thickness of the soil covering the clay varies from practically nil to about a foot. The average thickness of the clay is not more than 24 inches, varying from a few inches to about 30 inches. It is somewhat sandy on top, passing into plastic clay practically free from gritty particles. It is usually underlain by about 2 inches of pinkish sandy clay, beneath which is sand or gravel composed of particles of rock from the hillside.

The clay is of a light buff colour when first exposed, but is chalky white when dried A black stain, probably of peaty matter runs through it in places.

The amount of clay present is altogether too small to be of economic importance, but the occurrence is recorded on account of the unusual character of portions of the deposit.

Four samples were collected by Dr. Ferrier and sent to the clay testing laboratory where the following results were obtained.

Lab. No. 635, Kerr Sample No. 1. Soft grey clay with good plasticity, fairly smooth in texture.

It dries very slowly with a shrinkage of 6 per cent.

This clay burns to a cream-coloured, porous body, and even when heated to 1270 deg. C. (the softening point of cone 7), its absorption is 32 per cent. The fire shrinkage is large being 10 per cent, or the total shrinkage 16 per cent.

This clay fuses about 1570 deg. C. (the softening point of cone 20), so that it is only semi-refractory, and is not a fireclay.

On account of its high shrinkage and its refusal to become dense at cone 7 (the general temperature of burning stoneware pottery), this clay cannot be used alone for pottery manufacture but might be used as a bonding clay in a mixture.

Lab. No. 636. Kerr Sample No. 2. Soft white, chalky clay with some darker grey particles.

This clay is very short in texture when wet. Its plasticity is so low that it was difficult to mould into test pieces. It dries readily after moulding, the shrinkage on drying being about 4 per cent.

This clay burns to a white chalky body of no strength at the lower temperatures.

When burned to cone 5 (1230 deg. C.), the shrinkage is abnormal and the body is still porous.

This clay is not fused when heated up to the softening point of cone 30 (1730 deg. C.), so that it is a highly refractory material.

Lab. No. 637. Kerr Sample No. 3. Soft white, chalky clay containing some rock particles.

This clay has very little plasticity when wet so that it is difficult to mould.

It forms a very weak, porous, white body when burned at low temperatures. When burned to cone 5 its shrinkage is 22 per cent which is excessive. The colour is cream, with brown specks.

This clay is similar in properties to 636.

Lab No. 638. Sample taken from Alkali pond on Mr. Tait's property. This is a greenish-grey clay, highly plastic, smooth and pasty when wet, and is stiff and hard to work.

It dries very slowly, the moulded shapes have a tendency to crack on drying and it burns to a dense strong body at low temperatures.

This clay could probably be used for the manufacture of common red building brick, but would require the addition of sand in order to overcome its drying defects and reduce the shrinkage.

Mixture of Clays.

A mixture of equal parts of each of the above clays was moulded and burned up to the softening point of cone 5. At this temperature the mixture forms a strong dense body of mottled buff colour like a fire brick in appearance, but with an excessive shrinkage.

If the shrinkage should be overcome the mixture would make a low grade of semi-refractory brick for local use, as it is unaffected when raised to the temperature of 1550 deg. C.

Samples Nos. 636 and 637 resemble kaolin in character inasmuch as these clays are fairly white and of low plasticity in the raw state and retain a nearly white colour when burned. The clay was only tested to a temperature of cone 30, but will probably go somewhat higher before softening. Their defects are lack of plasticity, excessive shrinkage and slight discoloration. As all kaolins must be washed before becoming commercial products, the washing process would probably improve the above clays if the quantity in the deposit was large enough to warrant that operation.

BONAPARTE VALLEY.

About 17 miles north of Ashcroft in the Bonaparte valley are extensive occurrences of residual clay. They extend upwards for several hundred feet from the level of the river and the Cariboo road on the west side of the valley, and consist of alternate bands of light yellow to brown-red clay of rather unusual appearance. Across the river are similar bands and they are also found farther to the north in the valley with occasional bands of nearly black colour accompanying the yellow and red clays.

Samples of these clays were collected by L. Reinecke of the Geological Survey from two beds lying above and west of the road at a point about 17½ miles from Ashcroft, near several abandoned mine tunnels.

The rocks here consist of very fine-grained grey quartzite and white coarse-grained quartzite. The clay area is half a mile or so in length and several hundred yards in width measured down the slope. The depth to which weathering has penetrated was ascertained in one of the mine tunnels where most of the material was turned to clay to a distance of 30 feet from the surface before solid rock was encountered.

It is impossible to select samples of clay that do not contain from 30 to 50 per cent of rock fragments, so that the material as a whole must be ground for use or else the clay portion of the deposit would have to be separated from the rock by a washing and settling process.

These clays proved on testing to be short in texture and of low plasticity. They burn to strong red colours and begin to soften at comparatively low temperature. Even if these clays were free from the rock fragments they would have little value in the clayworking industry.

CHIMNEY CREEK, LILLOOET.

An outcrop of whitish clays occurs on the west side of the valley of the Fraser river near Chimney Creek bridge. This deposit was examined by Mr. L. Reinecke in 1918, who states that the clays are residual from argillaceous quartzites of the Cache Creek series. The quartzite beds are broken and folded at this point, and a patch about 400 feet long and 300 feet wide is partly kaolinized. Four samples representing different portions of the outcrop were collected and sent to the laboratory of the Mines Branch for testing.

Lab. No. 650. Whitish residual clay containing many fresh or slightly altered quartzite particles. A portion of this sample was ground to pass a 16-mesh screen. It had only a low plasticity when wet, but was easily moulded into shape.

This clay burns to a dark grey, hard body at cone 5 (1230°C) the shrinkage is not very great and the absorption was 6 per cent.

A portion of the clay washed and screened through an 80-mesh screen yielded about 50 per cent of plastic clay, the remainder being sand and rock fragments. The washed clay is plastic and burns to a hard light grey body, resembling a stoneware clay in character.

The crude clay fuses at cone 18 (1490°C.) and the washed clay is fused at about cone 15 (1430°C.), so that the material is only semi-refractory and not a fireclay.

Lab. No. 651. White and pink residual clay. This material was ground to pass a 16-mesh screen. Its plasticity was low when wetted and many of the coarse particles did not slake down so that the clay was granular in texture.

This clay burns to a cream-coloured body at cone 5 with a total shrinkage of 15 per cent and an absorption of 17 per cent. The shrinkages of this clay are too great. A portion of the clay was ground in a ball mill until fine enough to pass an 80-mesh

screen when it had fairly good plasticity and was smooth when wetted. Some floor tile samples were made up by the dry process from the ground clay. These tile when burned to cone 5 were slightly off the white colour and were not vitrified, but would probably become vitrified at a slightly higher temperature. This clay makes up into a good casting slip for pouring wares in plaster moulds, but as the shrinkage is excessive it would require the addition of potters flint.

This clay is not affected when heated up to the softening point of cone 30 (1730°C.) and as it may stand a higher temperature than this before softening, the material may be regarded as a high grade of fireclay.

Lab. No. 652. Mottled white and pink, hard clay. This material had a low plasticity when ground and mixed with water.

It burns to a hard buff coloured body at cone 5, with a total shrinkage of 11 per cent and an absorption of 11 per cent.

This sample is not so refractory as 651 as it begins to soften at cone 26 (1650°C.) but it will pass as a fireclay.

Lab. No. 655. Light buff coloured residual clay, hard and only partly kaolinized. This material was ground in a ball mill to pass a 150-mesh screen. In this finely divided condition it had fair plasticity, but was rather short in texture. The material burns to a dark grey vitrified body at cone 5 with a total shrinkage of 14 per cent.

The sample fuses to a slag at cone 18, so that it is only semi-refractory.

These tests show that the deposit is uneven in quality, that the clay forming processes are not completed, as plasticity is generally low and fluxing impurities are rather high in certain portions.

The clays of this deposit as a whole might be worked for the manufacture of a low grade of firebrick or as a mixture with a more plastic clay for making sewer pipe. If the material was crushed and washed it would yield a certain amount of fine clay which could be used in the manufacture of stoneware goods, but the yield of washed clay would probably be too small to repay that operation. As the material is not fine-grained and is not white either in the raw or burned state it cannot be classed as a commercial kaolin or china-clay. The deposit is 16 miles from the nearest point on the Pacific Great Eastern railway.

Brick Clays.

Stoneless glacial clays suitable for brickmaking occur in the valleys from the coast far into the interior along the principal rivers flowing into the Pacific. These clays are generally laminated and often interstratified with layers or beds of sands. They are referred to as the white silts in reports on the geology of the region, but their colours really vary from light grey to yellowish.

The silty clays in the Nicola valley and on the Fraser and Thompson rivers burn to a red colour but those on the upper Columbia valley along the Windermere lakes contain a very high percentage of lime and burn to a buff colour and porous chalky body. All the brick plants in British Columbia use these silty glacial clays in the manufacture of common brick. Clays of this description have been collected from a number of points and tested in the laboratory. Common brick made by the soft-mud process are as a rule the only class of clay product for which they are suitable —but at some localities, however, they are plastic enough to flow through a die smoothly, so that they can be made into field drain tile. Some of the highly plastic varieties may be difficult to dry and have an unduly large amount of shrinkage, but these defects can usually be overcome by the addition of a certain amount of sand.

None of these clays are suitable for the manufacture of vitrified wares as they soften and deform when overburned on account of their low fusibility.

The following samples have been received and the tests made on them subsequent to the publication of the preliminary reports on the clays of British Columbia.[1]

[1] Memoirs 24, 25, and 65, Geological Survey, Department of Mines.

Gordon Creek, Yale.—A sample of clay from Gordon creek was sent to the Mines Branch for examination by Mr. A. M. Herring, of New Westminster.

The sample was a massive grey clay, rather silty in character but free from pebbles or coarse grit. It is evidently from those stoneless glacial clays known as the White Silts.

When mixed with 30 per cent of water it has good plasticity and working qualities. It can be dried fairly rapidly without cracking, the shrinkage on drying being 6 per cent.

The clay burns to a porous but strong red body at temperatures from 1,750 to 1,850 degrees Fahr., but if fired at slightly higher temperatures the shrinkage becomes too great and deformation ensues.

This clay is suitable for the manufacture of common red building brick either by the soft-mud or wire-cut process. It would probably also be suitable for field drain tile. The addition of sand is not necessary as the shrinkages within the commercial limits of burning are not too high.

Lillooet district.—An outcrop of a fine, greenish-grey, bedded silt with a few sandy layers occurs on the wagon road to Seton Lake on the north side of Cayoosh creek, and about 1 mile from Lillooet. There is a shear cut bank of silt about 40 feet high and 400 feet long at this place. Eighteen feet of this was sampled, a few coarser layers of sand being omitted. The sample when wet and moulded into bricks showed an air shrinkage of 5 per cent. The shrinkage on burning is very small and the body remains quite porous even when burned to cone 03 (2,000 deg. F.). This silt makes a very fair common red building brick by the soft-mud process, but is not plastic enough for wire-cut brick or drain tile.

Samples of a similar silt from Sheppards ranch at Kersley on the Fraser, below Quesnel, yielded very nearly the same results.

Another sample of clay from the same district was collected by Mr. Charles Camsell, of the Geological Survey. This was a light grey, silty clay which occurs at the mouth of Owl creek, a tributary of the Birkenhead river. Owing to its silty character it does not work up into a very plastic body when ground and mixed with water, but is short in texture and rather flabby. It can be dried quickly after moulding without danger of cracking.

This clay burns to a light red, porous but strong body at a temperature of 1,800 degrees Fahr., with a total shrinkage of only 5 per cent. When burned to 1,900 the brick darken slightly in colour and become more dense in structure. The clay begins to soften at a temperature of 2,000 degrees F.

Good common red building brick can be made from this clay by the soft-mud process, and as the shrinkages are low it would not be necessary to add sand.

Ducks.—Along the valley of the South Thompson river conspicuous terraces have been cut in the silts for a distance of about 30 miles. A sample of this material collected by Professor R. A. Daly from the bluff a short distance below Ducks station, on the north side of the river, had the following chemical analysis, as determined by M. F. Connor, of the Mines Branch:—

Silica	67·38
Alumina	15·53
Iron	2·50
Lime	2·00
Magnesia	0·90
Soda	5·83
Potash	2·46
Titanium	0·40
Manganese	0·07
Water	3·70
	100·77

Although the 14 per cent of fluxing impurities present in this clay is not very high for a brick clay, the alkalis—soda and potash—are present in unusually large amounts and as these ingredients are very active fluxes the clay consequently will stand very little overfiring without softening.

A sample of this clay from the Monte Creek ranch, in the vicinity of Ducks, was submitted for testing by the Hon. Hewitt Bostock. This was a laminated clay, light grey in colour when dry. It required the large amount of 40 per cent of water to bring it to the best working consistency. It had good plasticity and smoothness, forming a perfect hollow round tile in the hand press.

It stands moderately fast drying without cracking, the drying shrinkage being high on account of the large quantity of water required for mixing.

The clay burns to a light red, hard body at 1,700 degrees F., and appears to make a good common brick at this temperature as far as strength and durability are concerned. As the shrinkage is unduly high even at this low temperature the addition of 25 to 35 per cent of sand would be desirable.

If the clay is burned to 1,850 degrees F. the shrinkage becomes abnormal, the colour bad and the test pieces were checked, warped, and vitrified.

The behaviour of this clay at such a low temperature can only be accounted for by the large percentage of the alkalis which it contains as shown by the foregoing chemical analysis. There is a marked contrast between the clay at Ducks and those at Lillooet, as the latter clays are only beginning to assume their best burned condition at a temperature which overfires the clay at Ducks.

Smithers.—A sample of clay was collected from the east bank of the Bulkley river, 300 yards south of the bridge at Smithers, by J. D. McKenzie, of the Geological Survey, and sent to the Mines Branch for testing.

This material is a stratified, grey, non-calcareous clay, which turns almost black when wet. It requires the large quantity of 40 per cent of water to bring it to the best working consistency. It is smooth and fine-grained and rather sticky but flows fairly well through a round tile die. The shrinkage on drying is 10 per cent, which is excessive.

The clay burns to a good hard red body at cone 010 (1,750 degrees Fahr.). If burned to a much higher temperature than this the shrinkage becomes too great. The clay is easily fusible and cannot be used in the manufacture of vitrified wares. Its uses are confined to the manufacture of common building brick or field drain tile, but it would require the addition of 20 to 30 per cent of sand in order to reduce the shrinkage.

A sample collected by J. J. O'Neill from the bank of the Bulkley river between Hazelton and Telkwa is practically the same kind of clay as that at Smithers.

Australia creek.—A seam of Tertiary clay about two feet thick underlies four and one-half feet of lignite, on the north side of Australia creek, about one mile or so from the Fraser. In a tunnel driven into the coal a sample of the clay was collected twenty feet from the tunnel mouth. This clay was fairly plastic, much more so than the glacial surface silts mentioned above. It shows a shrinkage on drying of 6 per cent and a further shrinkage of 6 per cent when burned to cone 06 (1,030° C.). This shale burns to a good hard brick of deep buff colour.

Because of the carbon present in this clay care should be taken to prevent a too rapid rise in temperature when burning, or bloating will ensue. This shale would require the addition of about 25 per cent of sand for brickmaking. It is not refractory.

Bentonite.

The variety of clay known as "bentonite" occurs at many localities in Wyoming, where it first attracted attention by its peculiar properties. Its position in the Benton formation of the Cretaceous suggested its name.

Bentonite when freshly exposed varies from a light yellow to a light olive green with a waxy lustre. In freshly uncovered outcrops it appears as a bedded joint clay, the blocks varying from roughly rectangular or conchoidal to long slender pieces. The joints are more or less open and occasionally contain crystals and plates of gypsum. The clay is exceedingly fine-grained and has a soapy feeling when wet. It swells and forms a jelly-like mass in an excess of water.

Uses.—Its chief use hitherto has been to give body and weight in the manufacture of paper, but another extensive use of the clay was as an adulterant in the manufacture of cheap candy. A patent preparation much used as a poultice and known as antiphlogiston is made by grinding bentonite in glycerine.

Recently the use of bentonite in the textile industry is suggested for the sizing of yarns. It is said to be valuable for this purpose on account of the large proportion of colloidal silicate of alumina which it contains.

The price obtained for bentonite in 1908 was $6 to $7 per ton f.o.b.

Occurrences in Canada.—Bentonite was first discovered in Canada in 1911 by Keele in an excavation in the town of Camrose,[1] Alberta, and later at other localities, notably in the Edmonton formation along the Red Deer river.

Ries describes an occurrence of bentonite on the Triangle ranch near Quilchena in the Nicola valley, British Columbia.[2]

Samples of material received from various sources in British Columbia proved on examination to be bentonite, but no description of extent of deposit or the exact locality of these occurrences was given. It is probable therefore that this material is not uncommon in British Columbia as well as in Alberta.

Although many of the samples examined had all the characteristics of bentonite they also contained a certain amount of mud or clay, and it is probable that this impurity would unfit them for most of the above uses.

Chemical Analyses of Bentonite.

——	Crook County, Wyoming*.	Camrose, Alberta**.
Silica	61·08	69·14
Alumina	17·12	14·50
Iron	3·17	2·56
Lime	2·69	2·45
Magnesia	1·82	1·14
Potash	.....	19
Soda	·20	1·25
Sulphur trioxide	·80	1·70
Loss on ignition	12·10	7·71

*Wyoming Experimental station, Bull. 14, p. 193, 1893.
**Memoir 25, p. 89, Geological Survey, Dept. of Mines, Canada.

Origin of Bentonite.—Two samples of residual clays and of the parent rock from which they were derived were collected by Mr. Reinecke during the summer of 1917 near Seventeen Mile house on the Cariboo road in the valley of the Fraser river.

These clays had that sticky type of plasticity when wet and the moulded shapes made from them cracked badly while drying which is characteristic of clays containing bentonite. On mixing the clays in an excess of water and screening the coarse particles out a yellowish fine-grained residue was obtained on evaporation. This residue became gelatinous in water and had every appearance of bentonite.

[1] Memoir No. 25, Geological Survey, Dept. of Mines, pp. 56 and 89.
[2] Memoir No. 25, Geological Survey, Dept. of Mines, p. 73.

Thin sections of the rocks from which these clays were derived when examined under the microscope by Mr. Reinecke showed that one was an andesite composed of crystals of plagioclase, hornblende, and biotite, lying in a light-coloured glass, the glassy portion of the rock being in process of alteration into sericite. The other rock was a dacite ash composed of quartz and plagioclase crystals in a matrix of glass.

The amorphous glass of these rocks is easily attacked by weathering and is probably the constituent which passes so readily into the colloidal form.

Another sample of clay was collected by Dr. Ferrier from the valley of Deadman river a short distance above the mouth of Gorge creek in the Kamloops district. The clay is deposited in a flat at the base of outcrops of volcanic rock and is evidently composed of the weathered products of these rocks. It is dark grey in colour and hard when dry, but when wetted it is almost black and becomes a stiff, sticky paste, which is hard to work.

The dry clay absorbs an excessive amount of water on account of the large quantity of colloidal matter it contains and it cracks badly in drying.

Several other examples of clays, which contain an excess of colloidal material were obtained from localities where volcanic rock prevails in the bed-rock.

As clays which are residual from any other rocks do not have this property, but are on the contrary rather short in texture and lacking in plasticity, it is suggested that the volcanic rocks are the source of that gelatinous clay known as bentonite.

Volcanic Ash.

Extensive beds of white, soft material are situated along the side of the valley at Deadman lake, about 20 miles north of Savona. These deposits have attracted considerable attention for some years and samples from them have been widely distributed. The material has been variously determined as kaolin, diatomaceous earth and volcanic ash.

The locality was visited and the deposits examined and sampled by Dr. W. F. Ferrier during the summer of 1918.

A microscopic examination showed that the material contains no diatoms and as it lacks plasticity and has a low melting point—cone 9—it cannot be regarded as kaolin. The conclusion that has been reached is that the material is volcanic ash.

The following chemical analysis gives its composition:—

Silica	71·00
Alumina	14·90
Iron	1·70
Lime	1·40
Magnesia	trace.
Alkalis by difference	2·20
Loss on ignition	8·80

The sample collected by Dr. Ferrier and submitted to the physical testing laboratory for examination consisted of finely divided white powder with a number of very friable and loosely cemented lumps ranging from ½-inch to 1½-inch in diameter. A sample of this material was taken and crushed by hand in a mortar to its natural grain and a screen analysis made, with the following result:—

	Per cent.
Retained on 35 mesh	....
" " 48 "	0·10
" " 65 "	0·30
" " 100 "	0·60
" " 150 "	0·80
" " 200 "	14·50
Through 200 "	83·60

From this it can be seen that over 80 per cent of the material passes the 200 mesh. The lumps are very easily crushed to this size.

Under the microscope the material appears to consist of small, flake-like particles, transparent and of a glassy nature, many of the particles showing strain and stress lines. Occasional particles of quartz could be identified. The particles are sharp and angular.

It is possible that this substance could be used as a scouring material, as a soap filler in the manufacture of hand cleaner, or a polishing material if properly prepared.

EASTERN ONTARIO.

With the exception of a small area of shales situated to the east of the city of Ottawa the material available for the manufacture of brick and tile consists of the stoneless surface clays which are distributed in large or small patches over the region. The intervening areas between the patches of stoneless clays are covered either with stony glacial drift or boulder clay or sand and gravel. In places sand or gravel overlie the stoneless clays, and are sometimes of such a thickness as to render the clay inaccessible.

Marine Clays.

The largest areas and thickest deposits of stoneless clay are of marine origin, and are the sediments laid down in the extensive body of water or estuary which occupied the St. Lawrence and Ottawa valleys during the waning stages of glaciation.

Such clays are most in evidence in the counties bordering the Ottawa river from its junction with the St. Lawrence river as far up as the town of Pembroke, in Renfrew county. They also extend up the Bonnechere River valley as far as Caldwell, in Renfrew county.

Except for small isolated patches at Prescott, Brockville, and elsewhere, the marine clays are absent in the counties bordering the St. Lawrence river.

In the raw state the marine clay is of a monotonous grey colour, occasionally it has a reddish-brown band or layers but the prevailing colour is grey. Where roads cross it they are generally bad and in prolonged wet weather are almost impassable, owing to the pasty mass of mud into which the clay becomes worked by the passing traffic.

This clay varies in thickness from a few feet to about 200 feet in some of the river valleys. The largest areas of clay occur in Russell and Prescott counties.

The following analysis shows the chemical composition of the marine clay at Ottawa, and is representative of the area as a whole:—

	Per cent.
Silica	58·36
Alumina	20·20
Iron	4·68
Lime	4·36
Magnesia	3·50
Loss on ignition	4·73
Alkalis by difference	4·00

The marine clay is generally characterized by a sticky type of plasticity, poor drying qualities, and high shrinkages in drying. It burns to a fairly hard and very porous red coloured body at low temperatures, but is easily overfired and softened if subjected to higher temperatures. The commercial limit of burning is about 1,800 degrees Fahr. if a pyrometer is used. If pyrometric cones are used as firing checks the limit will be at about cone 06. A reference to the table of physical tests shows that the clay matures at cone 010, that it is not much improved by burning to cone 06, but that it is not safe to go beyond this or overfiring will ensue. For this reason it would be futile to attempt to use it for the manufacture of vitrified wares.

Lake Clays.

The marine clays extend westward into Leeds, Lanark, and Renfrew counties, being worked for brickmaking at Brockville, Smiths Falls, and Carleton Place. To the west of these points the stoneless clays worked for brickmaking are different in some respects to the marine clay and are probably sediments deposited in former lake basins which were partly bordered by glacial ice.

The lake clays nowhere attain to the thickness or form such extensive plain-like areas as the marine clays of the Ottawa and St. Lawrence valleys, but are confined to small isolated patches in a region where the surface materials are mostly either stony clay, or sand and gravel, or large areas of bed-rock wholly bare or covered with only a thin coating of glacial drift. The deposits of lake clay are larger and more frequent near the shore of lake Ontario than in the upland region to the north. The small patch of stoneless clay at Tweed, in Hastings county, is the only brick clay deposit along the Canadian Pacific railway between Smiths Falls and Peterborough, a distance of 134 miles, while along the line of the Grand Trunk railway, situated much nearer the shore of Lake Ontario, there are several workable deposits of brick clays, besides those now worked at Kingston, Napanee, and Belleville.

The lake clays in eastern Ontario like the marine clays are of a prevailing grey colour, but they are much oftener stratified in thin layers than the latter, which are more inclined to be massive and structureless, especially in the upper portion.

The lake clays are rather coarser in texture and not so pasty when wet, consequently the shrinkage on drying is not so great and drying troubles are not so frequent. The colour obtained on burning all the surface clays is red, but at a few points the underclay burns to a buff colour. The lake clays do not shrink so much on burning as the marine clays, and they will stand a slightly higher temperature without danger of overfiring.

CLAYWORKING INDUSTRY.

The clayworking industry of eastern Canada is at present confined to the manufacture of common brick made by the soft-mud process and to field drain tile, using the stoneless surface clays for this purpose. The large shale brick plant at Russell, in Russell county, erected for the manufacture of face brick, was not in operation during the past season.

The common brick plants use the simplest means of production and the smallest possible amount of machinery, hence they can afford to lie idle during the long winter period, as the interest charges on capital invested are small. There is a tendency to overload the clay with sand when making the mixture, and while this makes the working and drying easier and reduces the shrinkages, it also lowers the strength of the brick, the underburned ones especially being very weak and practically useless for structural purposes.

Fire checking is a common defect in the bricks made at several of the yards using both marine and lake clay. This defect consists of cracks partly or wholly across the brick which consequently break in two or more pieces when handled. A series of experiments were undertaken by the writer to remedy this defect, with the result that the easiest method was to add about 1 per cent of common salt to the wet clay when pugging. The addition of salt is very effective in assisting in the drying and afterwards preventing the fire checking. The salt addition is tried at the brickyard at Arnprior and has resulted in the elimination of the waste brick formerly accumulated there.

The amount of drain tile for agricultural purposes produced in eastern Ontario is quite inadequate to supply the demand. The plants making drain tile are two in Renfrew county, at Arnprior and Renfrew, one in Leeds county, at Gananoque, and one at Foxboro, in Hastings county. These plants make brick as well as tile, but usually provide small round down-draught kilns for burning the tile.

Shale Deposits.

Among the different shale formations which occur in eastern Ontario, only two, the Lorraine and Medina, were found suitable for the manufacture of brick and tile.

The Lorraine shale is found a few miles east of the city of Ottawa and extends about 16 miles eastward.

Outcrops are seen at Ramsey, Hawthorne, and near Vars, on the Grand Trunk railway, but most of the exposure shows only a few feet in thickness of the formation, so that it is difficult to estimate the character of the material without excavating.

It is apparently similar to the grey shale worked at Toronto and Mimico, in southwestern Ontario, but is more gritty and not nearly so plastic when ground and mixed with water. Its properties as far as the behaviour on burning and the character of the ware produced is the same as the Toronto material, but unlike the latter, cannot be used alone for the manufacture of hollow ware on account of its lack of plasticity.

A mixture of marine clay and ground Lorraine shale will make a very fine grade of hollow ware for structural purposes.

This shale does not seem to possess the vitrifying qualities which would ensure the production of paving block, which is unfortunate, as ware of this kind is required in Ottawa and Montreal and is very costly to import.

The Lorraine shale is not used at present in the clayworking industry of eastern Ontario, but the products which can be made from it include wire-cut common brick, tapestry brick, dry-press brick, fire-proofing, drain tile, floor tile, etc., with good red to brown colour or flashed effects.

The Medina shale overlies the Lorraine and is restricted to a small patch of a few square miles in extent situated between the villages of Russell and Vars, in Russell county. This is a reddish, gritty material which when ground finely and mixed with water can be worked in stiff-mud machinery for the manufacture of brick.

Very fine red face brick, both rough plastic and dry-pressed, can be made from this shale, but it would require the addition of some of the highly plastic surface clays in order to produce hollow ware.

The largest clayworking plant in eastern Ontario is located at Russell, on the New York and Ottawa railway, for the purpose of working the Medina shales which outcrop about a mile north of the village.

This plant was not in operation during the last season and the stock of brick is exhausted. It is unfortunate that the fine brick made at this plant cannot be procured as it was the only good face brick produced in the district, so that brick of this class for use in Ottawa will have to be procured in Montreal or Toronto.

The Medina shale at Russell does not appear to be suitable for the manufacture of vitrified paving brick, as it is easily overfired and deformed owing to its short vitrification range.

Black fissile shale crops out on the east bank of the Rideau river, at Ottawa. The shale is rather gritty when ground finely and it carries a small amount of carbonaceous matter which causes trouble in burning. Good wire-cut brick or hollow ware can be made, however, by adding some of the marine clay which occurs overlying it.

Experiments made at the Mines Branch laboratories indicated that a mixture of equal parts of ground shale and marine clay makes a good working body in the raw state and with careful burning produces a good quality of structural wares.

The Peerless Brick Company of Ottawa are installing the necessary machinery and building a series of round down-draught kilns with the intention of making wares from the shale and clay mixtures.

Summary Table of Physical Tests on Surface Clays in Eastern Ontario.

Locality.	Laboratory number.	Percentage water required for mixing.	Percentage drying shrinkage.	Cone 010		Cone 06		Cone 03		Burned colour.	Remarks.
				Percentage fire shrink.	Percentage absorp.	Percentage fire shrink.	Percentage absorp.	Percentage fire shrink.	Percentage absorp.		
Cornwall.....Stormont county..	608	35	11	1	14	1	12	5	7	Red....	Badly fire checked.
Treadwell.....Prescott " ..	332	28	9	0	13	1	12	3	7	"	33 p. c. sand added.
Lemieux..... " " ..	333	30	10	1	13	3	8	.....	.....	"	Softens and deforms at cone 03.
Navan .....Russell " ..	597	31	9	0	15	1	15	.....	.....	" ...	" " "
Black Rapids....Carleton " ..	330	27	9	1	12	2	9	6	0	" ...	Upper clay above lock.
Rideau Junction.. " " ..	331 (*a*)	.....	5	0	11	0	11	0	9	" ...	Very sandy clay.
Ottawa..... " " ..	237	32	9	0	17	2	16	9	0	"	Upper clay, Peerless Brick Co.
" .... " " ..	235	27	6	0	17	1	15	3	3	"	Bottom clay, " "
Graham Bay..... " " ..	387	30	10	0	15	2	12	.....	.....	"	Softens at cone 03.
Fitzroy Harbour. " " ..	598	32	8·5	0	16	0	15	.....	.....	"	Upper clay.
" " " " ..	598 (*a*)	30	8	0	17	0	17	8	0	" ...	Bottom clay.
Carp..... " " ..	589	23	7	0	15	0	14	4	1	"	Upper clay.
" .... " " ..	589 (*a*)	23	7	0	17	0	16	5	0	" .	Bottom clay.
Pakenham.....Lanark " ..	357	30	9	0	15	.....	.....	.....	.....	"	Average of bank.
Arnprior..... ....Renfrew " ..	590 (*a*)	30	10	1	16	2	15	.....	.....	"	Upper clay, Baker's brickyard.
" .... " " ..	590	28	5	0	20	0	20	10	0	Salmon.	Bottom " " "
Castleford station " " ..	591	35	9	0	11	1	10	9	0	Red....	Lower part of bank.
Renfrew ... ... " " ..	592 (*a*)	30	10	0	17	0	16	7	0	" ...	Upper clay, old brickyard.
" ..... " " ..	592	28	8	0	22	0	21	1	14	Buff....	Lower " " "
Douglas..... " " ..	593	35	8·5	0	18	1	18	5	0	Red....	Upper clay.
White Lake. .... " " ..	595	35	8	1	20	2	18	.....	.....	"	Softens and deforms at cone 03.
Horton..... " " ..	646	30	8	1	15	1	13	7	0	"	Horton twp. con. VII, lot 27.
Cobden..... .... " " ..	645	30	8	1	14	2	13	7	0	"	Upper clay.
Pembroke..... " " ..	647	24	10	2	12	2	10	7	0	"	Upper clay on C.N.R. line.
Smith's Falls....Lanark " ..	599	31	8	1	16	2	16	8	0	" ...	Softens at cone 03.
Scotch line ..... " " ..	601	31	8	0	17	0	16	7	0	" ...	Fire checked.
Brockville.....Leeds " ..	231	27	7	0	20	1	18	5	9	"	Bottom clay.
Phillipsville.. " " ..	602	31	7	0	22	1	22	4	0	"	Fire checked.
Kingston.....Frontenac " ..	241	30	7	0	20	2	17	4	9	" ...	Kingston Brick & Tile Co.
" ..... " " ..	263	35	7	1	23	2	19	5	6	"	Cataraqui creek.
" .... .. " " ..	396	30	9	0	15	2	12	6	0	"	Brookside farm.
Napanee.....Addington " ..	230	30	7	1	17	3	13	8	0	"	Fire checked.
Tweed.....Hastings " ..	603	22	7	0	14	0	13	3	6	" ...	Sample from brickyard.
Madoc..... .... " " ..	648	36	8	0	18	0	16	8	3	"	" " "
Stirling..... " " ..	604	23	6	0	21	0	20	4	0	"	Rawdon twp., con. II, lot 8.
Foxboro..... " " .	649	31	7	0	16	0	16	4	7	"	Sample from brickyard.

Explanation of Physical Tests.

The clays were made up for testing without the addition of sand or any other substance except in the one instance where 33 per cent of sand was added. The clay was brought to its best plastic working condition and moulded into test pieces 4 by 1½ by 1 inch in size. Fine lines were impressed on the test pieces in order to measure the subsequent drying and burning shrinkages.

The burning was done in an oil-fired muffle kiln, the duration of burning being eight hours. Standard pyrometric cones and a recording pyrometer having a platinum rhodium couple were used as measures of the heat treatment. It was found that cone 010 went down at about 1,700 on the pyrometer, cone 06 at 1,850, and cone 03 at 1,950 degrees Fahr. as registered on the pyrometer.

The character of the burned body at the different temperatures is indicated in the tables by the shrinkage and absorption, the effect of increasing heat being to make the test pieces smaller and denser in most cases, so that under the cone 03 column the figures for fire shrinkage increase greatly and those for absorption decrease. Vitrification has been accomplished in many of the samples when raised to the higher temperature so that their capacity for absorbing water has vanished.

The tests show that the drying shrinkage of nearly all the clays given in the table is too high, and that the fire shrinkage becomes too high when the softening temperature of cone 06 is passed. The total shrinkage of the test pieces is obtained by adding the drying and fire shrinkage. Sand is added in practice to correct this shrinkage the mixtures usually adopted being three parts of clay to one part sand or two parts of clay to one part sand.

The time taken in burning has an effect on the character of the body produced in clays. If the time of firing is prolonged a denser body is produced without a raise in temperature than in the shorter time. In firing most of the red burning surface clays of Ontario in commercial kilns the body is matured at temperatures between 1,700 and 1,850 degrees Fahr., but if the temperature in the kilns should reach about 1,900 degrees most of the bricks at the top of the down-draught kilns would be softened and deformed.

POTTERY MATERIALS.

Clays.—Up to the present we are not aware of the occurrence of refractory, semi-refractory or stoneware clays in southern Ontario. Clays of this kind are generally imported from the United States or from England.

Some of the brick clay deposits in eastern Ontario may be suitable for the manufacture of flower pots, but these do not appear to be of use for any better grade of pottery. Although the brick clay may be thrown on the potters' wheel it is very liable to check in drying or in the firing. On account of the sticky character and short texture of the brick clays they are not suitable for making built or modelled pottery but they might do for ornamental tiles. Schools which have a difficulty in getting a better clay might use the local clay for the latter purpose.

Silica.—The light-coloured beds of the Potsdam sandstone and the quartzites of the Grenville series in eastern Ontario can be used as a source of silica for pottery bodies.

Talc.—There are extensive deposits of talc at Madoc, in Hastings county. The two companies which operate in that locality grind and prepare the talc for various uses, the chief of which is paper filler and toilet specialties.

A small quantity of talc is sometimes used in pottery bodies for cooking ware. It is said to impart toughness and resistance to sudden changes of temperature in pottery. The talc from Madoc will stand a temperature of about 1,350 degrees C. before softening.

Apatite.—The use of apatite has been suggested as an ingredient in a porcelain body as a substitute for bone ash[1] as these materials are both calcium phosphate.

Apatite is mined at several points in eastern Ontario. It has semi-refractory properties as it is not fused under a temperature of 1,470 degrees C.

Mixtures of apatite and talc have a far lower fusing point than either material alone. Experiments carried out in the Ceramic laboratory show that a mixture of equal parts talc and apatite will fuse at as low a temperature as 1,220 degrees C.

A pottery body compounded with a portion of this mixture would vitrify at a comparatively low temperature.

NORTHERN ONTARIO.

POTTERY AND FIRECLAYS.

In the Summary Report for 1917 the chemical analysis and physical tests were recorded of certain high grade clays which occur on the Mattagami and Missinaibi rivers.

During the summer of 1918 Mr. C. M. McCarthy, of Elk Lake, examined and sampled the deposits on his property on the Mattagami river located near the lower end of the Long Portage.

The test pits and trenches dug by Mr. McCarthy on the sloping river bank revealed several different beds of clay hitherto concealed by the drift from the top of the bank. The clay beds are found to a height of 25 feet above the river. A seam of lignite a few inches thick lies above the clay and glacial drift lies above this to the top of the bank about 125 feet above the water.

Properties of the Clays.

According to description the clay beds lying below the glacial drift vary in thickness from 2 to 25 feet but no accurate measurements were made. Ten samples were sent to the Mines Branch laboratories for examination. This is the first time that the deposits were sampled in detail.

The clays are smooth and free from coarse grit with good plasticity and working qualities. Only sample No. 10 contained a quantity of coarse quartz grains which had to be separated by washing. The contrast in colour and texture of these materials to the ordinary glacial clays of the region is very striking.

The following table shows the character of the various clays when burned in a commercial stoneware kiln to cone 7.

A portion of each sample was dipped in Albany slip glaze before firing. The glaze was found to be fully matured when the samples were drawn from the kiln.

Number of Sample.	Raw Colour.	Burned Colour	Cone 7—1270°C—2318°F.	
			Percentage of Total Shrinkage.	Percentage Absorption.
1	Pink	Buff	16	2
2	Pink	Cream	15	2
4	Buff	Pink	16	3
5	Orange	Red	13	13
6	Orange	Red	12	12
7	Black	White	9	15
8	Drab	Cream	12	8
10	White	White	12	12
11	Light grey	Cream	13	6
12	White	Cream	.....	10

[1] Summary Report, Mines Branch, 1916, pp. 108-111.

Uses of the Clays.

These clays fall into two groups: those that are high in iron and those that have a low iron content. The iron has an effect on the colour, particularly in the burned state, and also on the refractoriness. The first group, however, are fireclays with the exception of number 5, which begins to soften at cone 20—1,530° C.—and is the least refractory of the group. The others do not begin to soften until the deformation point of cones 26 and 27—1,650 to 1,670° C.—are reached.

The samples 7 to 12 are highly refractory, 10 and 12 being No. 1 fireclays as they do not deform at cone 33—1,790° C. This is the first record of the occurrence of No. 1 fireclays in Canada.

Owing to their variety of character these clays are suitable for the manufacture of quite a wide range of clay products. Numbers 1, 2, and 4 are vitrified at the temperature indicated, but have a very high shrinkage, which would require to be corrected by mixtures. These are suitable for the manufacture of stoneware goods and sewer pipe or other vitrified products as well as firebrick. Clays 7 to 11 are high grade materials which would be suitable for retorts, crucibles or firebrick in the crude state and if washed for the manufacture of electric or sanitary porcelain as well as floor and wall tiles.

Age of the Clays.

As these clays occur in such a remote region and isolated from all other known deposits of a similar kind it is desirable to compare them with clays which are accessible and which are being used in the clayworking industry.

These clays lie near the northern margin of the crystalline rocks of the Pre-Cambrian upland. The rocks exposed in the river bank a short distance north of the clays are of Devonian age. A heavy cover of glacial drift lies above the clays. The bottom of the clays was not seen.

The only other clays so far known in Canada which resemble those on the Mattagami river are those which occur in the Musquodoboit valley in Nova Scotia. Samples Nos. 1 and 2 from the Mattagami are similar in all respects to certain beds of the Nova Scotia clays which are used in the manufacture of stoneware goods in the pottery at St. John, N.B.

The Nova Scotia clays are similar to the cretaceous clays worked so extensively on the Atlantic coastal plain in New Jersey for use in many branches of the clayworking industry.

The clays in the Mattagami river are certainly pre-glacial, and may be of Cretaceous age. No fossils have yet been found in them.

ROAD MATERIALS DIVISION.

K. A. Clark, *Chief of the Division.*

Field work for the season of 1918 in the investigation of road materials was carried on in Manitoba, in Rocky Mountains Park, Alberta, and in British Columbia. It was also planned to have continued work in Ontario along the route of the Toronto-Montreal road. The entrance into the army of R. H. Picher necessitated the postponement of this plan. Work of the Road Materials Division has been confined for the most part in the past to Ontario and Quebec. Special requests from other parts of the country made it seem advisable to extend the field of work. It was consequently arranged to co-operate with the Good Roads Board of Manitoba and the Public Works Department of British Columbia in becoming familiar with the problems connected with road building in these two Provinces, and in determining and commencing a line of work which this division was in a position to carry on and which would yield useful results. In response to a request from the Department of the Interior that materials in Rocky Mountains Park be examined, it was arranged that a day or so be spent there in looking over the ground in order that systematic work could be planned for the future.

A great many samples of rock, gravel, soils, etc., were collected during the season and sent to the laboratory at Ottawa for examination. Several samples of rock were also collected and submitted to us for examination by Mr. Faribault, of the Geological Survey, in connexion with his geological work in Nova Scotia. All these samples have been examined and results of the tests appear in the accompanying tables.

Acknowledgment is due to Mr. Henri Gauthier for his assistance in carrying on the field work in Manitoba and to both Mr. Gauthier and Mr. Picher for their part in the handling of the laboratory investigations. The Geological Survey very generously co-operated by allowing the Division use of equipment, particularly in the matter of a Ford car, in connexion with the Manitoba work. The Division also wishes to express appreciation of the cordial and enthusiastic spirit shown toward it by the Highway Departments of Manitoba, British Columbia, and of Rocky Mountains Park. Mr. Lyons, chief engineer of the Manitoba Good Roads Board, Mr. Foreman, Public Works engineer for British Columbia, and Mr. Wardle, Superintendent of Rocky Mountains Park, spared no effort in putting every facility that would aid the work at the disposal of the Road Materials Division. Their assistants were always ready with time and attention to help in any way.

The main object of the season's work in Manitoba as well as in the other provinces of the west was to observe conditions and try to determine what is to be the field of activity of the Road Materials Division in aiding in the handling of the highway problems of this part of the Dominion. In order to be systematic, however, attention in Manitoba was confined to the neighbourhood of Winnipeg and to the route of the Winnipeg-Brandon road. All deposits of rock and of gravel were examined. These materials are far from general in their occurrence. Rock is confined to the limestone of several deposits in the Winnipeg neighbourhood, gravel occurs in eskers such as that at Bird's Hill, northeast of Winnipeg, in the beaches of ancient Lake Agassiz, and in the delta deposits of the Assiniboine river around Brandon. For the most part, rock and gravel are not available, except at very considerable expense, for rural road construction work.

It seems obvious that for the improvement of the majority of the rural roads, improved methods of earth road construction will have to be depended upon. Acting on this conviction, especial attention was paid to soils and many samples were collected over the entire route from Winnipeg to Brandon. These samples were calculated to represent all the types present and to be a basis for experiments in mix-

tures of soils for making sand-clay road surfaces and for use in investigations in bringing out the desirable and suppressing the bad physical properties by whatever means that can be devised. While all soil samples collected have been examined, the investigation of the soils from the road material standpoint has only been started. A necessary preliminary step, however, has been made and work will continue until, it is hoped, some practical result will be reached.

Two days only were spent at Rocky Mountains Park. The time was spent in going over the auto road through the park and noting conditions. Samples of rock, shale, and gravel that it was thought desirable to collect for laboratory examination for preliminary information in planning further work in the park were collected later by the park staff.

A month and a half was spent in British Columbia in visiting the different engineering districts and going over the roads with the district engineers. A good many samples of rock, gravel, and soil were collected. Around Vancouver samples were obtained from all the quarries which supply stone to the city.

The problem in British Columbia, and also at Rocky Mountains Park, is to secure a satisfactory road surface by the use of the materials occurring on or close to the right of way. Because of the mountainous nature of the country, it is not practicable to go far afield for material. The roads, for the most part, keep to the valleys where deposits of gravel are of pretty general occurrence. Deposits of weathered rock fragments are frequently met which give good results when placed on the road. Soil conditions vary. The large silt deposits in the interior of the Province, such as those in the Thompson, Okanagan, and Columbia valleys, are prominent features along the roads in these parts. They do not provide very satisfactory road surfaces, although it is only the silt of the Thompson valley that is particularly troublesome. The traffic on the highways is not heavy. The roads serve mostly as a means of access to the country. They are not called upon to carry much traffic of a commercial nature. Automobile touring, however, is commencing to become an important factor that must be reckoned with in the road construction programme. Just as soon as missing links in the provincial system of roads are built providing through routes through the country, a large volume of tourist auto traffic will be ready to avail itself of the splendid mountain scenery that will be made accessible. This traffic will call for road surfaces with the best binding quality that it is practicable to provide. It will be a considerable time before bituminous surfaces can be built. The immediate problem is to get the best results possible with the materials such as gravel, weathered rock and the natural soils, which are at hand. This is a problem in which it would seem that the Road Materials Division can be of use and it is to this problem that it is planned that its attention, for the present, will be turned.

TESTS ON BED-ROCK.

During the year a considerable number of samples of broken stone from quarries and rock deposits have been tested. Samples were obtained from Nova Scotia, Manitoba, Rocky Mountains Park, Alberta, and British Columbia. The results of tests on these samples are recorded in the accompanying tables.

The tests for specific gravity and water absorption need no explanation. Absorption results are reported as pounds of water absorbed per cubic foot of rock.

The abrasion test duplicates in a practical laboratory way, the abrasive action of traffic on the stone in a road-bed. The test is made on fifty pieces of stone of cubical shape, and of about the same size, which in the aggregate weigh 5,000 grams (11 pounds). This charge is revolved for 10,000 revolutions in an iron cylinder (20 by 34 cms.) set at an angle of 30° across the axis. The percentage by weight of the charge worn to powder by this operation is reported as the per cent of wear. The French co-efficient of wear is calculated from the per cent of wear by dividing the latter value into 40. Values for the French co-efficient of wear vary over a wider range than

values for the per cent of wear for the same change in the quality of rock, and also show increasing values for increasing resistance to wear.

The hardness test measures the resistance possessed by a rock to wear produced by dry grinding with an abrasive. Two cores 1-inch diameter, and cut from a solid block of the rock by a diamond drill, are used in the test. These cores are fastened in holders, and are made to rest on end under the pressure of a fixed total initial weight, on a revolving disc carrying a standard artificial quartz sand. The loss in weight of each core during 1,000 revolutions of the disc is noted. One-third of the average loss of the two cores subtracted from 20 is reported as the hardness of the rock.

The toughness test measures the resistance of a rock to fracture by impact. It is intended to duplicate the stresses undergone by rock fragments in a road-bed through the impact of horses' hoofs and of swiftly moving vehicles passing over slight obstructions in the roadway. The test is made on cylinders 1-inch diameter and 1-inch high, carefully prepared from diamond drill cores. The cylinders are subjected to blows from a 5-kilogram hammer, transmitted to the cylinders by a plunger with a spherical end resting on the cylinder. The height through which the hammer is dropped is successively increased by 1 centimetre, until the point of failure of the cylinder is reached. The height of the blow in centimetres causing failure, is taken as the toughness of the cylinder. The average of results on at least three cylinders is reported as the toughness of the rock.

A table compiled by the United States Office of Public Roads, from the results of their experience in correlating the results of laboratory tests with the behaviour of rock when used in road construction, is probably the best attempt that has been made to interpret the results of laboratory tests. This table, in slightly modified form, is given below. Reference to it will give a general idea of the type of road construction for which a rock, on which results of tests are available, is suited.

General Limiting Values for Broken Stone.

(United States Office of Public Roads, Washington, D.C.)

Type of Construction.	Traffic.	Limiting Values.			
		% Wear.[2]	Fr. Coef.	Toughness.	Hardness.
Water-bound macadam, plain or with dust palliative treatment	Light	8·0 to 5·0	5 to 8	5 to 9	10 to 17
	Moderate	5·0 to 2·5	9 to 15	10 to 18	14 or over
	Heavy	2·5 or less	16 or over	19 or over	17 or over
Macadam with bituminous carpet	Light to moderate	8·0 or less	5 or over	5 or over	(5)
Bituminous macadam with seal coat	Moderate to heavy	5·5 or less	7 or over	10 or over	
Bituminous concrete	Light to moderate	5·5 or less	7 or over	7 or over	(5)
	Moderate to heavy	4·0 or less	10 or over	13 or over	
Binder course for sheet asphalt or Topeka type	Any	5·5 or less	7 or over	6 or over	(5)
Portland cement concrete	Moderate to heavy	.....	(4)	8 or over	16 or over
Stone paving block[3]	Any	.....	(4)	9 or over	16 or over
Broken stone foundations Cement concrete foundations	Any	13 or less	3 or less	3 or over	8 or over

1 Light traffic is assumed as less than 100 vehicles per day, moderate traffic between 100 and 250 vehicles, and heavy traffic over 250 vehicles per day.

2 Limiting values for the per cent of wear are not given in the table as published by the United States Office of Public Roads. The limits given in the above table are based on the limiting values for the French coefficient of wear, and are included for the convenience of those who prefer to think in terms of per cent of wear rather than in terms of French coefficient.

3 Crushing strength of 20,000 pounds, or greater per square inch, is frequently required.

4 Limits for French coefficient of wear (or per cent of wear), are not at present considered necessary for this type of construction.

5 Numerous tests have shown that limits for hardness are unnecessary if the material possesses the required French coefficient of wear (or per cent of wear) and toughness.

TESTS ON GRAVEL.

The results of all tests made on gravel samples by the Road Materials Division to date are recorded in the accompanying tables. The samples tested represent material occurring along the Hull-Montreal road in the counties of Two Mountains and Vaudreuil, along the Toronto-Montreal road from the Quebec boundary west to Prescott and from Napanee west to Port Hope, in the neighbourhood of Winnipeg and along the Winnipeg-Brandon road between these two cities, along the Banff-Kananaskis road in Rocky Mountains Park, Alberta, as well as a number of deposits in the various engineering districts of British Columbia. A number of samples of Saskatchewan gravels from the neighbourhood of Regina were tested in the Road Materials Laboratory by L. Reinecke. These results have been reported in a Geological Survey publication.[1]

The sampling and testing of gravel has not as yet been developed to a very satisfactory state. One of the problems to which this Division is giving attention is the improving of methods of sampling and testing of this material so as to secure data of more practical value. The figures recorded in the tables are intended simply to give a general indication of the gravel deposit in question by showing its character, *i.e.* the percentage of boulders (over 3-inch in diameter) which occur, the durability of the material of which the pebbles are made, and the proportion in which gravel and sand occur, and also the grading according to sizes of the particles making up the gravel and sand constituents. Gravel deposits are practically always variable in their grading from point to point. One mechanical analysis cannot, as a consequence, express the grading of the material. As already said, it can only be an indication, and its value will depend on the judgment of the collector in choosing a sample which will best represent the bulk of the material available for use. It is useless, if not deceptive to give results in anything more than round numbers. In any case, present criteria for the practical interpretation of such results demand no greater accuracy. The collecting of all samples reported upon has been carefully done and the results can be relied upon to give the best information that a single set of figures can do.

The percentage of boulders is determined by a field inspection of the gravel face exposed in the deposit. The classification of the material of which the pebbles are composed into durable, intermediate, and soft is made by the examination of a hundred or more pebbles. The pebbles are cracked with a hammer to reveal the nature of the rock. Experience in testing rock for road building properties enables one to judge with considerable accuracy the durability of the material. The durable class includes pebbles composed of rock which would give, in the abrasion test for wear, less than three per cent of wear, the intermediate class between three and six per cent wear, and the soft class greater than six per cent of wear. The proportion of gravel to sand is obtained in the operation of making the mechanical analysis. Screens with circular openings designated by the diameter of the opening and Tyler standard sieves with square openings designated by the number of meshes or openings to the inch are used in making the mechanical analysis. In the case of the Manitoba gravel samples, cement mortar tensile strength tests were made. This was done at the request of the Manitoba Good Roads Board. Compression tests would have been more satisfactory but unfortunately large enough samples were not available in many cases.

Probably the best attempt at setting limiting values for the interpretation of tests on gravel has been made by the United States Office of Public Roads. Their schedule is here quoted.

[1] Geological Survey Memoir No. 107.

Interpretation of Results of Physical Tests.

(U. S. Office of Public Roads, Washington, D.C.)

GENERAL LIMITING TEST VALUES OF GRAVEL.

(*a*) Gravel to be used in road construction to be composed of hard, durable fragments of rock, together with sand clay or other binding material, with the proportions of the various sizes as noted below.

(1) For use in the base course of gravel roads.

All to pass a 2½-inch screen and to have at least 55 and not more than 75 per cent retained on a ¼-inch screen.

At least 25 and not more than 75 per cent of the total coarse aggregate (material over ¼-inch in size) to be retained on a 1-inch screen.

At least 65 and not more than 85 per cent of the total fine aggregate (material under ¼-inch in size) to be retained on a 200-mesh sieve.

The cementing value of the material under ¼-inch to be at least 50.

(2) For use in the top course of gravel roads.

All to pass a 1½-inch screen and to have at least 55 and not more than 75 per cent retained on a ¼-inch screen.

At least 25 and not more than 75 per cent of the total coarse aggregate to be retained on a ¾-inch screen.

At least 65 per cent and not more than 85 per cent of the total fine aggregate to be retained on a 200-mesh sieve.

The cementing value of the material under ¼-inch to be at least 50.

(*b*) Gravel for use in portland cement or bituminous concrete road construction to consist of sound, hard, durable particles of stone of the following sizes:—

(3) For use as coarse aggregate in portland cement or bituminous concrete roads.

All to pass a 1½-inch[1] screen and to be retained on a ¼-inch screen, and to have at least 25 and not more than 60 per cent retained on a ¾-inch screen.

TESTS ON SOIL SAMPLES.

Tests on soil samples were arranged with the object in view of obtaining data which would relate the physical properties of the soil with its behaviour as a road surfacing material. It is hoped that by proceeding in this way the soil composition which will give the most satisfactory results will be indicated and the direction revealed in which modification should be made in the naturally occurring soils in order to improve their road building properties.

The grading of the soil is expressed in terms of clay or fine silt, silt and sand. The clay or fine silt content is determined by a process of washing, the percentage loss in weight due to the operation being expressed as clay. The soil sample is placed in a large test tube, 1½ inches by 10 inches, the test tube filled with water containing a little ammonia and shaken till the material becomes free from lumps and thoroughly dispersed through the water. The test tube is then placed in a rack and left perfectly quiet for eight minutes when the turbid suspension of clay and other fine material is siphoned off. This operation is repeated until the sample is depleted of fine material. The washed material is dried and subjected to mechanical analysis. The portion passing the 200-

[1] When used in bituminous concrete construction all to pass a 1¼-inch screen.

mesh sieve is named silt, anything retained on this mesh is called sand. The percentage of the sand which is retained on the 65-mesh is noted by way of indication of the grading of this constituent.

In order to relate the mechanical analyses of the soils to their behaviour as road surfacing materials, two tests were made on the samples which were calculated to evaluate the stability, in a comparative way, of the soils under dry and under wet conditions. Briquettes of the natural soil two and one-half centimetres in diameter and two and one-half centimetres in height were moulded in a hydraulic press under a pressure of 132 kilograms per square centimetre. These were allowed to dry in the air during a period of several weeks after which time their compressive strength was determined. Another sample of soil of about one thousand grams in weight was damped and uniformly packed into a tin pannikin four inches wide by two and one-half inches deep. The pannikin was perforated to allow drainage. The soil was brought to a rounded surface, just above the edge of the dish. A series of samples prepared in this way were allowed to dry in the air when observations on the surfaces produced were made. They were then placed outdoors and the spray from a garden hose allowed to fall on them in a way to duplicate as nearly as possible a natural rain. The spraying was continued generally during a whole night. The intention was to give the samples a chance to get as wet as a rain would make them when exposed under conditions similar to those which exist in the case of a road. The surfaces were again noted and observations made. The stability was then tested by means of an apparatus devised to give comparative values on bearing strengths of the wet soils. The essential feature of the apparatus was a right angled, V-shaped piece of brass, two-tenths of an inch thick. The weight in pounds necessary to cause this angle to penetrate one inch into the wet soil was recorded.

The investigation of the soils so far has simply been preliminary. A method for their examination has been adopted and descriptive information of the soils with which it is necessary to deal has been obtained. It still remains to seek ways and means, whether by the mixing of different available materials or by other schemes, of producing from the soils a more stable and serviceable road surface than they naturally give. This investigation will proceed.

The sand-clay type of construction, which has been extensively used in many parts of the United States, naturally suggests itself when considering the road problems in Manitoba. In this connexion the following points, deduced from experience in sand-clay road construction in North Carolina, are interesting.

[1]The field and laboratory experiments which have been made would seem to justify the following conclusions:—

1. That 60 to 80 per cent of sand is necessary to obtain a hard surface, and that the best soils will contain 45 to 50 per cent of sand retained on a 60 mesh sieve.

2. That sand passing a 100-mesh sieve and retained on a 200-mesh sieve has little hardening value to the road surface, but does aid in filling the voids; and that roads constructed only of sand of this fineness will not be satisfactory.

3. That when less than 40 per cent of sand is retained on a 60-mesh sieve, the resulting road surface is very noticeably softer than where coarser sand is used.

4. That if there can be 10 to 15 per cent of gravel varying from that which passes a 1-inch screen and is retained on a 10-mesh sieve, it has a very decided effect in increasing the hardness and efficiency of the road.

5. For the best results, the clay content will vary from 10 to 20 per cent.

6. An excess of 30 per cent of clay in the soil will give a soft surface that will get very muddy in wet weather.

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[1] American Highway Engineers' Handbook, by A. H. Blanchard. From Chapter on Earth and Sand-Clay Roads by J. H. Pratt, consulting engineeer and secretary, North Carolina State Highway Commission.

TESTS ON WEATHERED ROCK.

Deposits of fragments of weathered rock, as mentioned before, are of frequent occurrence in the mountain country. Such material finds its way onto the road surface with results which are often quite satisfactory under the conditions of traffic which exist. The weathered rock quickly breaks down into fine material and the final result is a type of earth road. Any virtue this road may have over a natural dirt road would seem to be because of the better physical properties of the dirt formed from the broken down rock. The presence of a considerable percentage of unbroken rock fragments in the general mass forming the surface will also aid in producing a stable condition. (Compare point five in quotation on sand-clay road construction). The tests to which samples of weathered rock were subjected were arranged on the assumption that the controlling factor for suitability of such a material is the properties of the "earth" that will be formed when it is broken down by traffic. Samples were consequently ground in a ball mill and the stability of the resultant product under dry and wet conditions determined in the same manner as in the case of soils.

Results of Tests on Bed-rock.

NOVA SCOTIA.

Locality	Rock Type	Physical Properties.					
		Per cent of wear.	French coef. of wear	Toughness	Hardness	Specific gravity	Absorption in lb. per cu. ft.
Ohio Road Quarry, 2 miles north of Town of Shelburne, N.S.	Diabase	2·4	16·7	14	18 5	2·88	0·2
Reid's quarry, Jordan Falls, Shelburne Co., N.S.	Diabase	2·5	16·0	16	17·8	2·89	0·5
Black Point, below Liverpool, N.S.	Diabase	2·2	18·2	10	16·8	3·12	0·3
Cherry Cove, Lunenburg Co., N.S.	Diabase	2·5	16·0	15	17·9	2·87	0·9
Sable River, Shelburne Co., N.S.	Schistose, micaceous quartzite.	2·1	19·0	14	16·7	2·71	0·4
From stock pile on streets of Halifax, N.S.	Quartzite or "Whin" rock.	2·3	17·4			2·68	0·9
Sable River, Shelburne Co., N.S.	Mica Schist	6·8	5·9			2·78	0·9

MANITOBA.

Manitoba Quarries Co., Stoney Mountain, Man.	Limestone	3·9	10·2	5	13·2	2·54	2·9
Wallace Sandstone Co., Garson, Man.	Limestone	10·7	3·9	3	3·7	2·31	5·0

ALBERTA.

Mt. Rundle, Banff, Alta	Limestone	3 3	12·3	6	14·9	2·72	0·5

BRITISH COLUMBIA.

Locality.	Rock Type	Physical Properties.					
		Per Cent of Wear	French coef. of wear	Toughness	Hardness	Specific gravity	Absorption in lb. per cu. ft.
Nelson-Brilliant Road, near Nelson, B.C.	Granite (Glacial Boulders).	2·6	15·4	10	18·3	2 67	0·7
From stock pile of crushed rock from Rossland Mine, dumped on Rossland-Trail road.	Mixture of igneous types.	2·9	13 8	.....	.....	..	.....
Kelowna, B.C.	Trachyte	2·9	13·8	16	18·3	2 27	4 7
Rock talus, Indian Reserve, near Kamloops, B.C.	Trap	3·7	10·9	..	.....	2·74	0 1
Marble Canyon, Lillooet District, B.C.	Limestone	4·2	9 6	4	15·2	2·69	0·4
Rock slide, Lillooet-Lytton Road, B.C.	Sandy Tuff	2·6	15 4	40	19·0	2·71	0 5
Mt. Begby, Cariboo Road, B.C.	Granite	3·1	13·1	7	16·2	2 92	1·0
Vedder Mountain Quarry, Sumas Municipality, B.C.	Gabbroic Rock	2·8	14·3	14	18·0	2·80	0 4
Nicomen Quarry, Nicomen, B.C.	Pink granite	5·2	7·7	14	18 3	2·61	0·5
	Aplite	2·3	17·4	17	18·8	2·76	0·3
Gilley Bros. Quarry, Pitt Lake, B.C.	Granite	2·1	19 0	12	18·7	2·56	0·3
Granite Quarries, North Arm of Burrard Inlet, B.C.	Granite	2·8	14·6	8	18·8	2 69	0 3
Coast Quarries, North Arm of Burrard Inlet, B.C.	Granite	2·6	15·4	10	18·9	2·69	0·4
Scott Goldie Quarry, North Arm of Burrard Inlet, B.C.	Aplite	2·0	20 0	23	18·9	2·66	0·6
District of N. Vancouver quarry, N. Vancouver, B.C.	Granite	2·9	13·8	9	18·7	2·64	0·5
Whinstone Quarry, Horseshoe Bay, Howe Sound, B.C.	Aplite	1·7	24 2	12	18·6	2·84	0·2
Deeks Gravel and Rock Co., Porteau, Howe Sound, B.C.	Trap (from quarry)	2 1	19·0	23	18 6	2·76	0·1
	Trap (from gravel bank)	2 0	20·0	20	18·7	2·78	0·5
	Granite (from gravel bank)	2·2	18·2	10	18·9	2·67	0·6
Rosebury St. rock cut, Victoria, B.C.	Granite	2·4	16·7	16	18 8	2 75	0·6
Northwest Supplies quarry, Parson's Bridge, Esquimalt Harbor, B.C.	Limestone	4·1	9·8	16	14·5	2·70	0·1
Producer Rock and Gravel Co., Albert Head, Vancouver Island, B.C.	Trap	2·0	20·0	17	17·5	2·89	0·6

Results of Tests on Gravel Samples.

**TWO MOUNTAINS AND ARGENTEUIL COUNTIES, QUE.
(Hull-Montreal Highway).

Owner and Location of Deposit.	Character of Gravel.						Mechanical Analysis.														
		*Composition of Pebbles. Per cent of.			Proportion of Gravel to Sand, p.c. of.		Gravel. Per cent retained on screens.							Sand. Per cent retained on sieves.							
	Per cent of Boulders over 3"	Durable.	Intermediate.	Soft.	Gravel.	Sand.	2½"	2"	1½"	1"	¾"	½"	¼"	8	14	28	48	100	200	Passing 200
John Tompson, Wm. Heatle, R.R. 1, St. Philippe, Co. Argenteuil, lots 25, 26, range V, twp. Chatham.	0	35	45	20	30	70	.....	.....	.....	5	10	20	65	40	30	15	10	3	1	1
David Rodgers, R.R. 1, Lachute, Parish of St. Jerusalem, Argenteuil twp., lots 39, 40, East Settlement	20	15	30	55	70	30	.....	.....	.....	35	30	20	15	15	5	5	20	30	15	10
J. R. Cleland, R.R. 1, St. Hermas, Municipality of St. Hermas, lot 34, East Settlement, parish of St. Jerusalem, Argenteuil Twp.	10	25	25	50	35	65	.....	.....	.....	10	10	25	55	45	30	5	10	8	2	0
Simeon Legault, R.R. 1, Lachute, lot 1 of 31, middle settlement, Parish of St. Jerusalem, Argenteuil co.	10	10	10	80	65	35	.....	.....	.....	20	20	25	35	40	20	15	5	5	5	10
C.N.R. pit, west of village of St. Andrews, lots 48A, 69, 71 to 79, 101 to 105, 108, 142, 159, 164, North River Range West, Argenteuil twp.	5	15	50	35	65	35	(NW end of pit)			55	25	10	10	15	5	20	45	15	0	0
	30	.....	.....	.....	55	45	(E part of pit)													
	50	.....	.....	.....	65	35	(" " ")													
Lots 406, 407 on Grand St. Joseph Road, Parish of St. Joseph du Lac.	5	20	5	75	70	30	.....	.....	.....	30	15	25	30	40	10	10	10	10	10	10

Results of Tests on Gravel Samples.

QUEBEC BOUNDARY TO PRESCOTT, ONT.
(Montreal-Toronto Highway).

Owner and Location of Deposit.	Character of Gravel.						Mechanical Analysis.													
		Composition of Pebbles. Per cent of.			Proportion of Gravel to Sand, p.c. of.		Gravel, Per cent retained on screens.							Sand. Per cent retained on sieves.						
	Per cent of Boulders over 3".	Durable.	Intermediate.	Soft.	Gravel.	Sand.	2½"	2"	1½"	1"	¾"	½"	¼"	8	14	28	48	100	200	Passing 200.
O. M. McCuaig, lot 36, con. I, Lancaster twp., Ont.	0	0	65	35	65	35	0	10	15	20	15	15	25	40	25	10	5	5	5	10
John Shanks, Lancaster, Ont., lot 36, con. I, Lancaster twp.	35	0	70	30	70	30	5	15	20	20	10	15	15	25	30	25	7	3	3	7
Charlottenburgh township council, lots 4, 5, con. III, Charlottenburgh twp.	25	0	35	65	80	20	0	5	15	20	15	15	30	55	15	5	5	5	5	10
A. J. Fraser, R.R.1, Summertown Stn., lots 1, 2, con. 1, Charlottenburgh twp.	40	5	10	85	65	35	10	10	15	20	10	15	20	35	25	10	10	5	5	10
T. Doherty, Summertown, Ont.. lots 23, 24, con. II, Charlottenburgh twp.	5	5	50	45	75	25	5	10	20	25	10	20	10	25	15	10	20	10	10	10
D. Richardson and L. Leroux, R.R. 1, Cornwall, Ont., con. II, west end of Charlottenburgh.	15	5	25	70	55	45	0	5	15	20	10	20	30	30	25	20	10	5	5	5
Town of Cornwall, pit, C. L. Mongers, manager, Cornwall, Ont., lots 7, 8, con. II, Cornwall twp.	70	5	55	40	60	40	5	10	15	20	10	15	25	25	25	20	15	5	5	5
Father McRae, St. Andrews West, lot 11, con. V, Cornwall twp.	35	5	70	25	65	35	10	15	20	20	10	10	15	15	15	20	30	10	5	5
John McIntosh, St. Andrews West, lot 12, con. V, Cornwall twp.	5	5	60	35	45	55	5	5	5	15	10	15	45	45	30	10	5	5	2	3
Thomas Cleary, Mille Roches, Ont., lot 29, con. IV, Cornwall twp.	25	0	55	45	55	45	0	10	20	20	15	15	20	25	15	20	20	10	5	5

H. Winters, R.R. 1, Mille Roches, lot 22, con. V, Cornwall, Ont.	5	5	70	25	65	35	15	20	15	25	10	10	15	15	10	15	40	15	2	3
U. J. McQuillon, R.R. 1, Harrison, lots 30, 31, con. VI, Cornwall twp.	25	0	75	25	60	40	5	20	20	20	10	10	15	20	15	20	30	10	2	3
Geo. Losey, R.R. 1, Harrison, lots 33 to 36, con. V, VI, Cornwall twp.	15	0	80	20	75	25	0	15	15	20	15	20	15	45	20	15	5	2	3	10
Wm. J. Murphy, R.R. 1, Harrison, lots 33 to 36, con. V, VI, Cornwall twp.	20	0	80	20	65	35	5	10	15	20	15	15	20	25	15	10	25	20	2	3
J. G. Adams, R.R. 1, Wales, lot 2, con. II, Osnabruck tp.	40	5	85	10	70	20	5	20	20	25	10	10	10	25	20	15	25	10	3	2
James Miller, R.R. 1, Wales, lot 14, con. I, Osnabruck tp.	25	0	60	40	65	35	10	15	20	20	10	10	15	20	20	15	30	10	2	3
Frank Smith, Lunenburg, lot 13, con. III, Osnabruck twp.	40	5	65	30	60	40	5	10	20	20	10	15	20	20	15	20	30	10	2	3
Osnabruck twp., Council pit, Part owned by W. N. Hollistor, R.R. 1, Farrans Point, lots 24 to 27, con. III, Osnabruck twp.	40	0	60	40	60	40	10	10	20	20	10	15	15	20	15	20	30	10	2	3
Malcolm A. Froats, R.R. 1, Morrisburg, lots 26, 27, con. III, Williamsburg twp.	20	0	65	35	50	50	5	10	5	30	15	15	20	25	20	15	25	10	2	3
A. Shannett, R. R. 1, Williamsburg, lot 35, con. III, Williamsburg twp.	25	5	45	50	75	25	5	10	15	25	10	15	20	35	30	20	5	3	2	5
Asa Cougler, R. R. 1, Williamsburg, lot 35, con. III, Williamsburg twp.	20	5	45	50	70	30	5	10	20	20	10	15	20	35	25	20	10	5	1	4
H. W. Doran, Morrisburg, lot 1, con. I, Matilda twp.	70	5	40	55	65	35	5	20	20	20	10	10	15	20	15	15	25	10	5	10
Albert Beckstead, Morrisburg, lot 3, con. I, Matilda twp.	25	5	50	45	65	35	5	10	20	20	10	15	20	35	25	20	10	5	1	4
William Mullin, R. R. 1, Iroquois, lot 5, con. III, Matilda twp.	60	0	65	35	65	35	5	10	15	15	10	20	25	35	20	15	15	5	5	5
Edgar Shaver, R.R. 2, Iroquois, lot 19, con. II, Matilda twp.	5	0	55	45	65	35	10	10	15	15	15	15	20	35	20	15	20	5	2	3
J. Maikley, R. R. 2, Iroquois, lots 32, 33, con. I, Matilda twp.	25	0	65	35	85	15	10	10	15	25	15	15	10	40	15	5	5	5	10	20
Rufus Froom, R. R. 2, Cardinal, lots 4, 5, Edwardsburg twp.	5	5	55	40	70	30	10	15	20	20	10	10	15	25	15	20	25	10	2	3

Results of Tests on Gravel Samples.

**NAPANEE TO PORT HOPE, ONT.

Montreal-Toronto Highway.

Owner and Location of Deposit.	Character of Gravel.						Mechanical Analysis.													
		Composition of Pebbles. Per cent of.			Proportion of Gravel to Sand, p.c. of.		Gravel. Per cent retained on screens.							Sand. Per cent retained on sieves.						
	Per cent of Boulders over 3".	Durable.	Intermediate.	Soft.	Gravel.	Sand.	$2\frac{1}{2}$"	2"	$1\frac{1}{2}$"	1"	$\frac{3}{4}$"	$\frac{1}{2}$"	$\frac{1}{4}$"	8	14	28	48	100	200	
Hiram Shannon, R. R. 5, Napanee, lot 6, con. III, Richmond twp.	5	5	85	10	50	50	. .	...	.....	25	20	20	35	35	25	20	10	5	3	2
P. Cassidy, R. R. 1, Deseronto, lot 39, con. II, Tyendinaga twp.	5	5	85	10	40	60	. ..	.....	.....	20	15	20	45	35	15	15	15	10	5	5
G. Campbell, Marysville, Ont., lot 33, con. II, Tyendinaga twp.	5	5	85	10	45	55	.....	.....	.....	45	20	15	20	25	20	20	20	10	3	2
Indian Reserve, on York Road, 5 miles west of Deseronto.	5	5	90	5	55	45	... ..	.. .	....	25	20	20	35	35	25	20	10	5	3	2
Alex. McLelland, Belleville, lot 16, con. I, Thurlow.	20	0	95	5	55	45	. ....	.....	. ...	35	15	20	30	45	20	15	10	5	2	3
John Creeper, RR. 5 Belleville, lot 5, con. II, Thurlow.	10	0	95	5	40	60	... .	.....	.....	10	25	25	40	25	10	10	10	15	15	15
C. O. Hess, R. R. 5, Trenton, lots 11, 12, con. III, Sidney twp.	10	0	90	10	50	50	. ...	. .	...	25	20	15	40	40	30	15	5	5	2	3
Jas. Sandercock, R. R. 2, Trenton, lot 8, con. I, Sidney twp.	0	0	85	15	50	50	.	.. .	. ..	10	25	30	35	35	20	25	10	5	2	3
J. F. Simmons, R. R. 5, Trenton, lot 8, con. II, Sidney twp.	5	5	80	15	45	55	...	...	....	20	25	25	30	30	20	20	10	10	5	5
Norman Tompkins, Brighton, lot 31, con. A, Brighton twp.	15	15	75	10	60	40	.....	....	. .	50	15	15	20	25	10	10	20	20	10	5
On road allowance, lot 32, con. A, Brighton twp.	10	15	85	0	45	55	.... .	..	.....	35	15	20	30	20	5	10	45	20	0	0

Town of Brighton, lot 35, con. I, Brighton twp.	5	0	90	10	60	40	.....	.....	.....	25	15	20	40	45	20	15	10	5	5	0
A. Swain, R. R. 4, Brighton:	5	15	80	5	50	50	.....	.....	. . .	15	10	20	55	40	30	15	10	2	2	1
John Kellog, Vernonville, lot 11, con. II, Haldimand twp.	0	15	75	10	30	70	....	.....	....	35	20	15	30	20	25	30	15	5	3	2
Geo. Have, Andrew Speers, Thos. Hoskin, R. R. 1, Grafton, lot 51, con. I, II, Haldimand twp.	5	20	75	5	55	45	.....	...	. ...	15	15	20	50	35	70	20	15	5	3	2
Township of Haldimand, lot 9, con. II, Haldimand twp.	30	10	80	10	55	45	.....	.. ...	.. .	30	15	20	35	35	25	20	10	5	3	2
John Cochrane, Jas. McKeag, R. R. 6, Cobourg, lot 14, con. II, III, Haldimand twp.	0	15	80	5	50	50	.. ..	....	....	10	20	25	45	55	15	10	10	5	3	2
Herbert Parsons, Camborne, lot 20, con. IV, Haldimand twp.	20	10	75	15	60	40	.....	... .	.....	40	20	15	25	35	15	15	15	10	5	5
Arthur Watt, Port Hope, lot 33, con. IV, Haldimand twp.	5	15	75	10	40	60	. . .	...	.....	35	10	20	35	25	20	20	15	10	5	5
John Banisey Quay's P.O., lot 2, con. V, Hope twp.	5	.. ...	....	..	50	50	..	.	....	65	15	10	10	20	20	25	20	10	2	3

** In the case of deposits in Two Mountains and Argenteuil Counties and along the Montreal-Toronto Highway from Napanee to Port Hope, no values are given for percentage of pebbles over 1" in size. The 1" screen was the largest size that the laboratory had at the time the analyses were made. The percentage recorded as 1" in size, is thus an accumulative value for all sizes present larger than 1".

* The composition of pebbles from a deposit is determined by inspection of about one hundred representative pebbles. They are classed as durable, intermediate or soft according as they are composed of rock which would show a per cent of wear of less than 3, between 3 and 6, or over 6, respectively. These three classes mean, practically, pebbles composed of fresh rock of igneous origin, fresh limestone, and weathered pebbles of both types.

Results of Tests on Gravel Samples.

WINNIPEG TO BRANDON, MANITOBA.

Owner and Location of Deposit.	Character of Gravel.				Mechanical Analysis.															*Tensile Strength of 1:3 mortar lbs. per sq. in.	
	Composition of Pebbles. Per cent of.		Proportion of Gravel to Sand. Per cent of.		Gravel. Per cent retained on screens.							Sand. Per cent retained on sieves.									
	Durable.	Intermediate.	Gravel.	Sand.	2½″	2″	1½″	1″	¾″	½″	¼″	8	14	20	28	48	(Passing 48) 100	200	Passing 200	7 days.	28 days
Sylvester Sinnot, Beausejour, Man., Sect. 33, T. 12, R. 8 E.	.....	.....	5	95	....	....	....	...	....	...	100	1	1	...	3	25	35	15	20	51	110
C. P. R. pit at St. Ouens, Man., Sect. 33, T. 12, R. 8 E.	.....	.....	... .	100	....	....	....	....	....	....	....	2	5	...	10	40	35	5	3	135	211
Manitoba Pressed Brick Co., Ltd., Winnipeg, Man., pit at Beausejour, Man., Sect. 36 T. 12, R. 7 E.	.....	.....	5	95	....	....	....	...	....	....	100	5	10	...	5	35	20	15	10	165	238
			10	90	..	...	....	....	....	20	80	5	10	....	10	25	10	15	25	135	205
C. P. R. pit at Oakbank, Man., Sect. 19, T. 11, R. 5 E.	30	70	30	70	....	...	5	15	15	20	45	20	25	...	10	40	3	1	1	175	276
	20	80	65	35	...	5	15	20	15	15	30	30	30	.	20	15	2	1	2	288	337
Bird's Hill Sand Co., Winnipeg, pit at Springfield, Sect. 35, T. 11, R. 4 E.	20	80	30	70	..	...	10	10	20	25	35	10	20	...	20	30	15	4	1	170	168
				100	...	....	....	..	....	....	...	0	2	....	7	35	50	5	1	84	139
Braid & McGurdy Co., Ltd., Winnipeg, pit at Springfield, Sect. 36, T. 11, R. 4 E.	30	70	5	95	...	....	.. .		...	20	80	20	38	....	30	10	2	0	0	268	306
	30	70	65	35	....	.. .	30	25	10	15	20	20	30	..	30	15	3	1	1	238	273
C. N. R. pit, Bird's Hill, Sect. 27, T. 11, R. 4 E.	25	75	50	50	....	....	5	20	10	2	45	30	15	....	10	30	10	3	2	208	252
C. P. R. pit, Bird's Hill Stn.				100	....	...	....	....	....	....	....	3	15	....	10	20	45	5	2	195	291
				100	....	....	....	..	....	..	..	15	20	....	20	25	17	2	1	289	432
	20	80	15	85	...	...	....	....	25	20	55	25	40	...	20	10	3	1	1	225	270
	25	75	55	45	....	10	5	20	10	20	35	40	25	....	20	10	3	1	1	251	412
City of Winnipeg pit, Bird's Hill.			5	95	....	....	..	....	....	....	100	5	30	....	25	40	0	0	0	140	197
	25	75	60	40	...	...	5	20	20	25	30	15	15	....	20	38	10	1	1	220	362
Cusson Lumber Co., Ltd., St. Boniface, Man., pit at Ste-Anne-des-Chênes, lot 8.	.....	.....	.....	100	....	....	....	....	....	....	....	0	2	....	10	60	25	2	1	139	243
Thos. Kelly & Sons, Winnipeg, pit at Stoney Mountain, Sect. 11, T. 13, R. 2 E.	15	85	65	35	...	10	15	30	10	15	20	15	15	.	15	40	10	2	3	185	266

Winnipeg Electric Railway pit, Stoney Mountain.	.....	100	65	35	5	5	5	30	20	15	20	35	20	....	20	15	3	3	4	222	339
C. N. R. pit, Burns Ridge, Drake, Man., Section 31, T. 13, R. 1 E.	25	75	70	30	....	10	15	20	10	15	30	30	20	....	15	15	13	2	5	170	150
E. Williams & Co., Stonewall, pit at Gunton, Man., Sect. 21, T. 15, R. 2 E.	20	80	45	55	....	....	...	10	10	25	55	25	10	....	10	20	25	8	2	112	200
The Stonewall Gravel Co., Ltd., pit at Balmoral, Man., Sect. 6, T. 15, R. 2 E.	20	80	55	45	....	15	10	15	10	20	30	25	15	...	15	25	6	4	10	190	248
C. P. R. pit, Teulon, Man., Sect. 19, 30, T. 16, R. 2 E.	15	85	60	40	...	15	10	25	15	15	20	15	20	....	20	35	4	1	5	....	
Municipality of Rockwoods Gunton, Man., Sect. 9, T. 16, R. 2 E.	5	95	25	75	....	....	....	..	....	25	75	25	20	....	15	30	7	2	1	130	169
Municipality of Rosser, Man, Sect. 18, T. 12. R. 1 E.	.....	100	65	35	....	....	....	10	20	25	45	35	25	...	20	10	4	1	5	195	360

The occurrence of boulders in the Manitoba gravel deposits examined is insignificant.

Mechanical analyses of samples from Manitoba deposits were obtained in some cases in the field with a set of four sieves (3, 8, 20 and 48 mesh), while in other cases more complete analyses were made on samples sent into the laboratory. Samples for which values for the tensile strength of cement mortars appear in the table were analysed at the laboratory with a complete range of screens and sieves. Results of both field and laboratory analyses are recorded. Figures occurring in the sixth column for mechanical analyses of sand are values for material passing the 48-mesh sieve or for material retained on the 100-mesh sieve according to whether the analysis is one that was made in the field or in the laboratory. The 20-mesh sieve was not used in the laboratory analyses.

Several analyses are given in the case of some of the larger deposits or excavations to indicate a range of variation that was apparent from inspection of the gravel face. (This does not mean that when only one analysis is given, no variation in the deposit occurs.)

*Ottawa Standard Sand Tensile strength of 1:3 mortar: 7 days—197 lbs. per sq. in. 28 days—302 lbs. per sq. in.

Results of Tests on Gravel Samples.

Owner and Location of Deposit.	Character of Gravel.				Mechanical Analysis.													Tensile Strength of 1:3 mortar.	
	Composition of Pebbles. Per cent of.		Proportion of Gravel to Sand. Per cent of.		Gravel. Per cent retained on screens.					Sand. Per cent retained on sieves.									
	Durable	Intermediate	Gravel.	Sand.	1½″	1″	¾″	½″	¼″	8	14	20	28	48	(pass'g 48) 100	200	pass'g 200	7 days.	28 days.
McDougall, L. Perras, St. François, Man., lots 183, 181, Mun. of St. François-Xavier.	20	80	45	55	(Wes	t en	d of	dep	osit)	35	.....	45	.. ..	18	2				
	... .	.....	0	100	...	....	....	....	....	0	.....	65	. ....	50	5				
	.. . ...	.....	10	90	.. .	....	...	10	90	40	... .	30	.....	20	10				
	.....	.....	10	90	.....	...	....	....	...	20	15	.....	15	25	20	5	2	323	445
	.....	.....	0	100	(Eas	t en	d of	dep	osit)	3	....	7	.....	40	50				
Sam Smith, St. François, Man., lot 150, Mun. of St. François-Xavier.	.....	.....	0	100	.. .	...	....	....	....	0	....	0	... .	60	40				
	.....	.....	0	100	....	....	....	....	...	0	.....	0	.	65	35				
	.....	.....	0	100	....	...	....	....	....	0	. . .	0	.....	5	95				
J. H. McClarey, Meadows, Man., Sec. 21, T. 12, R. 2, Mun. of Rosser.	45	55	20	80	....	..	....	..	...	40	.....	40	.....	15	5				
	.....	.....	30	70	....	...	...	...	....	45	.. .	40	.....	15	5				
	.....	.....	5	95	....	....	....	....	....	30	.....	55	..	15	0				
	... .	.....	30	70	...	....	25	15	60	20	20	.....	25	20	5	5	5	298	445
On road allowance between Sec. 18, R. 4, and Sec. 13, R. 5, T. 13, between Portage and Woodlands municipalities.	0	100	15	85	....	...	....	....	....	50	.....	45	. ..	5	0				
	.....	.....	40	60	..	...	....	....	....	55	.....	40	....	5	0				
	.....	.... ..	30	70	....	....	....	....	...	60	.....	35	.....	5	0				
	.. ....	.....	35	65	. ..	...	5	15	80	40	30	.....	20	5	1	2	2	323	400
Chas. Bannerman, Portage, Man., Sec. 14, T. 13, R. 5, Mun. of Portage la Prairie.	... ..	.... . .	0	100	....	....	....	....	...	10	.. ..	50	.....	35	5				
	.....	.....	0	100	....	....	....	....	....	10	.....	15	.....	60	15				
	.....	....	0	100	....	....	....	....	....	5	15	...	20	40	20	0	0	150	225
Jas. Stewart, Portage, Man., Sec. 9, T. 13, R. 5, Mun. of Portage.	.....	.....	25	75	....	....	....	....	..	30	.....	35	...	30	5				
	.....	.....	10	90	.	...	....	....	100	25	20	...	20	25	5	1	4	200	255
Jas. Murray, Portage, Sec. 5. T. 13, R. 5, Mun. of Portage.	10	90	25	75	....	..	....	....	....	20	.	25	.....	45	10				
	.....	....	5	95	...	....	...	....	100	15	15	....	15	30	20	3	2	170	246
Ed. VanBuskirk, High Bluff, Man., Sec. 13, T. 13, R. 6, Mun. of Portage.	.....	.....	10	90	...	....	...	....	100	15	20	.....	20	30	15	0	0	218	295
A. Code, High Bluff, Man., Sec. 13, T. 13, R. 6, Mun. of Portage.	....	.....	5	95	....	....	...	....	100	5	30	.....	25	20	20	0	0	231	244
R. J. Walker, Flee Island, Man., Sec. 13, T. 13, R. 6, Mun. of Portage.	15	85	30	70	....	....	25	20	55	15	....	15	20	40	5	2	3	236	378
Sec. 24, T. 13, R. 6. Mun. of Portage Burnside Beach, Kinosota Ridge.	10	90	55	45	5	15	20	25	35	30	.....	15	15	25	10	1	4	268	290
Kenneth McKenzie, Portage, Man., Sec. 14, T. 12, R. 8, Mun. of Portage.	50	50	10	90	....	....	....	....	100	10	.....	10	10	15	55	0	0	135	203

Wm. Oliver, Portage, Man., Sec 15, T. 12, R. 8, Mun. of Portage.			15	85						15		30		45	10						
Thos. Paul, Bagot, Man., Sec. 26, T. 12, R. 9, Mun. of Westbourne.			0	100						2		3		25	75						
C. P. R. pit, Sec. 5, T. 14, R. 9, Mun. of Westbourne.			15	85						15		25		25	35						
(Campbell Beach), Arden Ridge.																					
F. A. Thompson, Austin, Man., Sec. 19, T. 11, R 11, Mun. of N. Norfolk.	40	60	20	80		15	10	20	55	20	20		25	15	20	0	0	227	319		
			20	80		15	15	20	50	15	20		25	25	15	0	0	214	250		
C. P. R. pit, Sec. 24, T. 11, R. 12, Mun. of N. Norfolk.	45	55	25	75		(north pit)				35		25		20	20						
			30	70			25	20	55	35	15		10	5	35	0	0	233	373		
			15	85		(south pit)				30		25		20	25						
On right-of-way, Sec. 26, T. 11, R. 12, Mun. of N. Norfolk.			5	95						25		25		20	30						
G. T. P. pit, Sec. 3, T. 12, R. 13, Mun. of N. Norfolk.			5	95						20		30		25	25						
Beside right-of-way, Edrans, Man., Sec. 36, T. 12, R. 13, Mun. of Langford.			5	95						15		20		35	30						
Neighbourhood of Brandon.																					
Municipality pit, Sec. 35, T. 11, R. 17, Mun. of Elton.			10	90						15		25		50	10						
Alex. Fischer, Madford, Man., Sec. 15, T. 11, R. 17, Mun. of Elton.	40	60	30	70						35		45		15	5						
			30	70			5	25	70	30	20		20	25	5	0	0	166	307		
Municipality pit, on right-of-way between N. Cypress and Elton, between Secs. 1 and 6, T. 11, R. 16 and 17.			5	95						15		50		25	10						
			10	90				65	35	15	40		15	10	20	0	0	267	382		
Municipality pit, Douglas, Man., Sec. 3, T. 11, R. 17, Mun. of Elton.	25	75	20	80						20		50		25	5						
			25	75		25	25	20	30	10	15		25	35	15	0	0	160	199		
D. W. Agnew, Douglas, Man., Sec. 33, T. 10, R. 17, Mun. of Cornwallis.	25	75	40	60	(E.	part	of	pit)		25		25		40	10						
			30	70	(S.	W.	part	of	pit)	45		35		10	10						
			20	80	(S.	part	of	pit)		40		25		20	15						
			30	70						35	25		10	5	25	0	0	223	330		
Fred Grant, Chater, Man., Sec. 35, T. 10, R. 18, Mun. of Cornwallis.	90	10	60	40						65		10		10	15						
			30	70						45		25		25	10						
			40	60			35	25	45	45	20		10	10	10	2	3	212	336		
City of Brandon pit, Sec. 26, T. 10, R. 19, Mun. of Cornwallis.	35	65	10	90						10		45		40	5						
			40	60						55		20		20	5						
			35	65			30	25	45	30	20		15	10	20	5	0	215	281		
On road allowance, between Secs. 29 and 30, T. 10, R. 19, Mun. of Cornwallis.	35	65	30	70			20	20	60	40	35		15	5	5	0	0	225	350		
On road allowance, between Secs. 30 and 25, T. 10, R. 19 and 20 Mun. of Cornwallis.	35	65	30	70		10	15	25	50	30	25		15	5	20	5	0	219	338		

Results of Tests on Gravel Samples.

Owner and Location of Deposit.	Character of Gravel.					Mechanical Analysis.															Tensile Strength of 1:3 mortar.	
	Composition of Pebbles. Per cent of.			Proportion of Gravel to Sand, p.c. of.		Gravel. Per cent retained on screens.							Sand. Per cent retained on sieves.									
	Durable.	Intermediate.	Soft.	Gravel.	Sand.	$2\frac{1}{2}$"	2"	$1\frac{1}{2}$"	1"	$\frac{3}{4}$"	$\frac{1}{2}$"	$\frac{1}{4}$"	8	14	20	26	48	(Passing 48) 100	200	Passing 200	7 days.	28 days.
On road allowance, Sec. 18 T. 10 R. 19 Mun. of Cornwallis	20	80		35	65						35	65	20	5		10	10	40	2	3	224	270
City of Brandon pit, Sec. 16 T. 10 R. 19 Mun. of Cornwallis	35	65		15	85					30	25	45	10	10		15	40	25	0	0	97	163
Cummings and Dobbie, near King George school, Brandon, Man				45	55					20	25	55	30	20		15	10	25	0	0	297	338
City of Brandon pit, NE. part of city of Brandon				35	65						35	65	35	30		15	10	10	0	0	298	343
Dinsdale pit, 10th E. and Victoria Ave., Brandon, Man	30	70		35	65	(N part of pit)					55	45	20	15		20	25	20	0	0	222	394
				40	60	(S part of pit)				30	30	40	30	20		15	10	25	0	0	292	343
On right-of-way between Secs. 2 & 3 T. 10 R. 19 Mun. of Cornwallis				35	65						25	75	25	35		30	10	0	0	0	213	246
On right-of-way, between Secs. 5 & 6 T. 10 R. 18 Mun. of Cornwallis				25	75						35	65	25	25		20	15	15	0	0	209	270
Wm. Portefield, R. R. No. 1, Brandon, Man., Sec., 16 T. 9 R. 19 Mun. of Cornwallis	50	50		25	75					35	10	55	45	15		10	10	20	0	0	241	284
On right-of-way, cor. of Secs. 23, 24, 25 & 26 T. 9 R. 18 Mun. of Cornwallis				20	80						30	70	15	30		20	25	10	0	0	252	309

Results of Tests on Gravel Samples.

ALBERTA (ROCKY MOUNTAINS PARK).

Location of Deposit.	Character of Gravel.					Mechanical Analysis.												
	Composition of Pebbles. Per cent of.			Proportion of Gravel to Sand. Per cent of.		Gravel. Per cent retained on screens.							Sand. Per cent retained on sieves.					
	Durable.	Intermediate.	Soft.	Gravel.	Sand.	2½″	2″	1½″	1″	¾″	½″	¼″	8	14	28	48	100	200	Passing 200
Banff-Kananaskis road, from pit on south side of road at mile 29..	0	100	0	70	30	....	.....	...	15	15	25	15	60	15	5	5	5	5	5
Banff-Kanan road, from face of cut, north side of road near old lime kiln at the "Gap" near mile 20....	0	100	0	50	50	.....	....	5	15	10	25	45	25	15	15	20	15	5	5
Banff-Kanan road, C.P.R. pit, north side of road and west end of the "Gap" Siding..... ..	0	100	0	40	60	....	. ..	10	20	10	25	35	15	10	10	30	20	10	5
Banff-Kanan road, from face of sidehill cut about 1½ miles west of the "Gap".....	0	100	0	50	50	.....	. ..	5	25	15	20	35	25	10	10	30	25	5	0
Banff-Kanan road, pit at top of hill on north side of road at mile 103.	0	100	0	50	50	.	5	10	10	15	20	40	35	20	10	15	10	5	5
Banff-Kanan road, pit on north side of road at top of small hill, mile 8½.....	0	100	0	65	35	....	.....	5	10	25	30	30	25	15	15	20	15	5	5
Banff-Kanan road, from side cut on hill at mile 7...	0	100	0	55	45	.....	.....	5	15	15	30	35	20	15	15	20	10	10	10
Banff-Kanan road, from large clay banks east of Anthracite.....	0	100	0	25	75	.....	. ..	...	25	20	25	30	10	25	20	15	10	10	10
Banff-Kanan road, from big hill west of Anthracite.....	0	100	0	65	35	...	5	20	25	10	20	20	20	15	15	25	15	5	5
Beach gravel, Lake Minnewanki, Banff..... ...	0	100	0	95	5	.....	.....	.....	. .	5	25	75	75	25	0	0	0	0	0
Bankhead road, pit west of entrance to Buffalo Park....	0	100	0	60	40	.....	5	15	20	15	20	25	30	15	15	15	5	10	10

Results of Tests on Gravel Samples—*Concluded.*

BRITISH COLUMBIA.

Location of Deposit.	Character of Gravel.					Mechanical Analysis.													
	Composition of Pebbles. Per cent of.			Proportion of Gravel to Sand. Per cent of.		Gravel. Per cent retained on screens.							Sand. Per cent retained on sieves.						
	Durable.	Intermediate.	Soft.	Gravel.	Sand.	2½″	2″	1½″	1″	¾″	½″	¼″	8	14	28	48	100	200	Passing 200.
Cranbrook district, gravel from 1st pit, 8 miles east of Cranbrook....	40	45	15	60	40	....	.....	10	15	10	20	45	55	15	5	5	5	5	15
Cranbrook district, gravel from 2nd pit, 9 miles east of Cranbrook.....	40	45	15	55	45	.. ..	. .	5	25	10	20	40	55	30	10	5	0	0	0
Fernie district, from Morrisey Hill along side of the main road.	20	75	5	70	30	*30	5	5	15	10	15	20	30	20	15	20	10	3	2
Fernie district, Morrisey pit, about 8 miles west of Fernie.....	5	40	55	40	60	...	... .	5	20	10	20	45	30	15	15	15	15	5	5
Trail district, pit 3 miles west of Nelson	0	85	15	50	50	....	.....	... ..	15	15	20	50	45	25	10	5	5	5	5
(Gravel from preceding deposit after being in the road-bed for three years).....	.....	.....	.....	15	85	.....		.....	15	10	15	60	15	15	15	15	15	10	15
Kamloops district, Shuswap road, 10 miles east of Kamloops.....	5	20	75	50	50	15	5	5	15	10	20	30	30	25	25	15	5	0	0
Nicomen Slough gravel, from stock pile across river from Mission....	25	50	25	45	55	.....	.....	.....	5	5	20	70	45	20	10	10	5	5	5
Johnson Road gravel pit, on Yale road east of Vancouver..	0	70	30	25	75	. .	.....	5	15	15	25	40	10	10	25	45	5	2	3

*Aggregates of small pebbles firmly cemented together by carbonate.

(WINNIPEG-BRANDON HIGHWAY.)

Location	Type.	Character. Per cent of: Clay & Fine Silt.—Particles less than 0·01 mm. in diameter.	Silt.—Particles between 0·01 and 0·07 mm. in diameter.	Sand.—Particles more than 0·07 mm. in diameter.	Percentage of the sand retained on 65-mesh sieve.	Physical Properties. Compressive Strength (Dry).	Bearing Strength (Wet).	Remarks.
Headingly to Pigeon Lake, general type of soil.	Gumbo.....	100	0	0	0	1500	7	Black, hard surface when dry, with prominent shrinkage cracks. Surface softens, swells and gets sticky when wet, finally becoming a soft very sticky mass.
River bank, 2 miles east o St. Francis. Typical soil deposited by the Assiniboine River.	Silty loam..	25	45	30	0	850	12	Dark brown, hard surface when dry. When wet, the surface softens rapidly and gets sticky, finally becoming a soggy, sticky mass.
River bank, Bennett's farm. 2 miles east of St. Francis. Sand bar.	Sand.....	0	10	90	15	...	....	.
West of Pigeon Lake. Road crosses stretches of a silty soil, probably deposited by Assiniboine River.	Silty loam..	50	50	0	0	990	5	Brownish-grey, hard, gritty surface when dry, with slight tendency to abrade to loose material. Softens when wet and gets sticky.
From road, 10 miles east of Poplar Point. Probably a river deposited soil.	Silty loam..	35	40	25	10	980	7	Dark brown, smooth hard surface when dry, with some cracks. Gets so t quickly when wet, becoming soggy and very sticky.
River bank at Belcour Ferry. Soil deposited by Assiniboine River.	Silty loam..	10	75	15	0	650	3	Brownish-grey surface, firm when dry but easily loosened into fine sand. Surface softens when wet but does not become sticky.
River bank at Belcour Ferry. Sand bank.	Sand.....	0	10	90	75	.. ...	...	
From road 4½ miles east of Poplar Point. A silty soil.	Silty loam..	55	40	5	0	830	8	Brownish-grey, smooth, hard surface when dry with considerable cracking. Surface softens when wet becoming swollen and very sticky.
From road 16½ miles east of Poplar Point, subsoil under top layer of few feet of black soil.	Yellow, clayey silt.	25	45	30	10	1370	8	Light grey, smooth, hard surface when dry, with slight cracks. When wet, surface softens, getting very sticky.
Typical top soil, east of Poplar Point.	Sandy loam	15	20	65	20	850	14	Black, hard, gritty surface when dry, with considerable cracking. Surface softens when wet but does not get sticky.
From road 1½ miles east of Poplar Point. Top soil.	Silty loam..	35	35	30	10	1010	7	Dark grey, hard gritty surface when dry, with considerable cracking and breaking out of lumps. When wet, surface softens and become fairly sticky.
From road 12 miles east of Portage. Subsoil below top layer of black loam.	Yellow, clayey silt.	45	45	10	0	1200	6	Light greyish-brown, hard, smooth surface when dry, with considerable cracking. Surface softens when wet and becomes sticky.

(WINNIPEG-BRANDON HIGHWAY—*Continued.*

Location.	Type.	Character. Per cent of: Clay & Fine Silt—Particles less than 0·01 mm. in diameter.	Silt—Particles between 0·01 and 0·07 mm. in diameter.	Sand—Particles more than 0·07 mm. in diameter.	Percentage of the sand retained on 65-mesh sieve.	Physical Properties. Compressive Strength (Dry).	Bearing Strength (Wet).	Remarks.
From road 5 miles east of Portage. Yellow subsoil.	Yellow, silty sand.	10	30	60	60	700	8	Brownish-grey, hard, gritty surface when dry, with slight tendency to give loose material on abrasion. Surface softens when wet but does not become sticky.
From road 1 mile west of High Bluff. Sandy top soil.	Sandy loam.	15	35	50	40	750	4	Black, hard, gritty surface when dry, with decided tendency to break into loose material. Softens when wet but does not become sticky.
From road 7 miles east of Portage. Top soil.	Sandy loam.	15	25	60	45	.....	7	Dark grey to black surface when dry, easily broken into loose material by pressure. Surface softens when wet but does not become sticky.
From road near eastern limit of Portage. Top soil.	Medium heavy clay loam.	30	40	30	0	1750	10	Black, hard surface when dry but cracked badly, which gives a tendency for surface to break out into lumps. Surface softens when wet but does not become sticky.
From road near eastern limit of Portage. Yellow subsoil.	Yellow, clayey silt.	50	50	5	0	1540	8	Grey, hard gritty surface when dry, with slight cracking. Surface softens when wet, becoming very sticky.
Snider's brick yard, east side of Portage. Top clay.	Clay loam..	40	60	0	0	1400	7	Grey, hard, gritty surface when dry, with considerable cracking. Softens and swells when wet, becoming very sticky.
Snider's brick yard. Yellow subsoil.	Yellow clayey silt.	70	30	0	0	1330	5	Light grey, hard, slightly gritty surface when dry, with a little cracking. Softens and swells when wet becoming very sticky.
Snider's sand pit. Near clay pit.	Sand.....	0	0	100	85	.....	....	
Fairly heavy loam from near Portage. Typical of loam in this neighbourhood.	Clay loam..	65	10	25	30	1150	6	Black, hard, gritty surface when dry, much cracked, breaking into lumps. Softens when wet and gets sticky.
From road at turn to west, 1½ miles west of Portage. Typical light loam.	Sandy loam.	10	25	65	40	570	5	Dark grey to black surface easily broken into loose material by pressure. Softens but does not get sticky when wet.
From road, 14 miles east of McGregor. Top soil.	Medium heavy clay loam.	30	40	30	0	1060	16	Black, hard, gritty surface when dry, with much cracking. Softens when wet and gets fairly sticky.
From road, 12 miles east of McGregor. Top soil.	Silty loam..	50	50	0	0	350	6	Black, fairly hard, gritty surface when dry, which is rather easily worked loose into loose material. Softens when wet but does not get sticky.

(WINNIPEG-BRANDON HIGHWAY.)—*Continued.*

Location.	Type.	Character.				Physical Properties.		Remarks.
		Per cent of						
		Clay & Fine Silt—Particles less than 0·01 mm. in diameter.	Silt—Particles between 0·01 and 0·07 mm. in diameter.	Sand—Particles more than 0·07 mm. in diameter.	Percentage of the sand retained on 65-mesh sieve.	Compressive Strength (Dry).	Bearing Strength (Wet).	
From road going north, from Bagot. Near main road, clayey subsoil.	Silty clay ..	50	45	5	0	1080	8	Light grey, slightly gritty, hard surface, when dry, with considerable cracking. Surface swells and softens when wet and gets very sticky.
From road, 6 miles east of McGregor. Top soil.	Sandy loam.	5	5	90	0	150	26	Dark brown to grey, gritty surface, with decided tendency to break into loose material. Surface softens a little when wet but does not get at all sticky.
From road, 1½ miles east of McGregor. Subsoil.	Clayey silt..	20	15	65	0	630	13	Light grey, hard, gritty surface when dry, with slight tendency to work into loose material on abrasion. Softens when wet but does not get sticky.
From road, 1½ miles east of McGregor. Top soil.	Silty loam..	20	20	60	0	950	35	Dark grey to black, very hard, gritty surface when dry. Takes considerable wetting to make any noticeable softening. Does not get at all sticky.
From road, ½ mile east of McGregor. Top soil.	Sandy loam.	20	20	60	0	360	7	Dark grey, gritty surface when dry, with tendency to break into loose material. Softens when wet but does not get sticky.
From road west of McGregor. A typical top soil	Silty loam..	15	55	30	0	660	6	Dark brown, hard, gritty surface when dry, with tendency to break into loose material. Softens when wet but does not get sticky.
From road in the hills west of Austin. Subsoil.	Stratified silt.	50	50	0	0	740	4	Light brown to yellow, hard, slightly gritty surface with slight tendency to break into loose material. Softens when wet and gets very sticky.
From road in hills east of Sidney. Top soil.	Sandy loam.	10	10	80	5	130	17	Dark grey, gritty surface, with tendency to break into loose material. Softens a little when wet but does not get sticky.
From brick-yard at Sidney. Top soil.	Silty loam..	15	40	45	0	740	4	Black, hard, gritty surface when dry with much cracking. Gets very sloppy when wet but not very sticky.
From brick-yard at Sidney. Subsoil.	Stratified silt.	65	35	0	0	1120	6	Brown, hard. smooth surface when dry, with much cracking. Softens and gets very sticky when wet.
From road 3 miles east of Carberry. Drift sand on surface of soil.	Sand.....	0	5	95	60	0	12	Brown, very gritty surface when dry, quite firm but easily abraded into loose sand. Softens when wet but does not get sticky.

(WINNIPEG-BRANDON HIGHWAY)—*Continued.*

Location.	Type.	Character. Per cent of: Clay & Fine Silt—Particles less than 0·01 mm. in diameter.	Silt—Particles between 0·01 and 0·07 mm. in diameter	Sand—Particles more than 0·07 mm. in diameter.	Percentage of the sand retained on 65-mesh.	Physical Properties. Compressive Strength (Dry).	Bearing Strength (Wet).	Remarks.
From road, 2 miles east of Carberry Subsoil.	Silty clay...	50	25	25	0	1400	19	Brown, hard, gritty surface when dry, with some cracking. Softens when wet and gets very sticky.
From old pit for brick-making ½ mile east of Carberry. Subsoil.	Silty clay...	30	40	30	0	1110	11	Greyish-brown, hard smooth surface when dry, with considerable cracking. Softens when wet and gets very sticky.
From old pit, ½ mile east of Carberry. Top soil.	Sandy loam.	15	40	45	30	350	11	Black, fairly firm surface when dry but easily worked into loose material. Softens when wet but does not get sticky.
From road 2 miles west of Carberry. Subsoil.	Silty sand ..	5	15	80	15	390	19	Brown to grey, hard, gritty surface when dry, not easily worked loose but with a tendency to break out. Softens somewhat when wet but does not get sticky.
From road through sand dunes, 1 mile east of Camp Hughes.	Sand.....	5	5	90	50	150	11	Dark, fairly firm surface when dry, but easily broken into loose sand. Soft when wet but not sticky.
From road west of Camp Hughes. Top soil.	Sand.....	5	10	85	75	200	13	Black, fairly firm surface when dry, but easily broken into loose material. Softens when wet but does not get sticky.
From road between Camp Hughes and Douglas. Top soil.	Sandy loam	10	10	80	60	370	10	Dry surface dark grey, with no strength at all, breaking into loose material with least pressure. Does not get sticky when wet.
Subsoil from near Douglas.	Silty sand...	10	10	80	65	440	12	Grey, gritty surface when dry, with considerable cohesion, but easily worked loose. Does not get sticky when loose.
From road between Chater and Brandon. Subsoil.	Silty clay ..	45	30	25	0	1090	4	Light brownish-grey, hard, gritty surface when dry, with considerable cracking; softens and swells when wet and gets very sticky.
From road between Chater and Brandon. Top soil.	Sandy loam	10	45	45	50	410	10	Black, dry surface has no coherence; breaks easily to loose material. Does not get sticky when wet.
From escarpment of Assiniboine river, near the asylum, Brandon. Subsoil.	Silty sand .	10	20	70	10	440	9	Light grey, very gritty, hard surface when dry, with a slight tendency to work into loose material. Does not get sticky when wet.

(WINNIPEG-BRANDON HIGHWAY.)—*Continued.*

Location.	Type.	Character. Per cent of: Clay & Fine Silt—Particles less than 0·01 mm. in diameter.	Silt—Particles between 0·01 and 0·07 mm. in diameter.	Particles more than 0·07 mm. in diameter.	Percentage of the sand retained on 65-mesh sieve.	Physical Properties. Compressive Strength (Dry).	Bearing Strength (Wet).	Remarks.
Columbia District. Road running south from Golden. Silt from cliffs along the road at Upper Columbia Lake.	Silt	100	0	0	0	160	55	Dry surface light grey, smooth, with soapy feel. Surface does not seem very firmly cemented together but is not easily worked loose. When wet, a greasy layer develops on surface but mass as a whole does not soften. Prolonged wet makes mass become rubbery but not sticky. Surface is always very slippery when wet.
Cranbrook District. From Cranbrook-Fernie road, 9 miles east of Cranbrook. Silty soil.	Silt	60	40	0	0	330	100	Dry surface light greyish-brown, hard and smooth. Surface is not very firmly cemented but does not seem easily worked loose. Prolonged rain softens the mass slightly giving it a rubbery feel but it never gets sticky or slippery.
Trail District. From Nelson-Brilliant road; fairly typical soil from near Nelson.	Silty sand..	15	20	65	75	240	7	Dry surface light brown, with very little coherence; easily broken into loose material. When wet, surface gets very soft, holding excess water and tends to get into a sort of batter. Does not get sticky.
Okanagan District. From silt cliffs along the lake on Penticton-Kelowna road.	Silt	80	20	0	0	520	5	Dry surface grey, smooth and hard. When wet, surface softens and gets quite sticky.
Kamloops District. From Kamloops-Shuswap road. Silty soil at Currie Gulch.	Silt	70	25	5	0	430	3	Dry surface grey, smooth, but easily worked into loose material. When wet, it becomes very soft and somewhat sticky. Mass gets like soft rubber. Deforming action of pressure is visible far from point of application. This soil has decided tendency to get into a batter and run.
Kamloops District. From Kamloops-Shuswap road, 20 miles east of Kamloops.	Silty sand..	10	20	70	60	460	60	Dry surface dark coloured, gritty and quite firm; takes considerable abrasion to loosen surface. When wet, surface softens but does not get sticky.

Results of Tests on Samples of Decomposed Rock from British Columbia.

Location.	Compressive Strength (Dry).	Bearing Strength (Wet).	Remarks.
Decomposed shale from Banff-Castle road, Rocky Mountains Park, Alta., north side of road about 14 miles west of Banff.	560	100	Dry surface dark coloured and hard. All night rain softened top half inch to quite a soft soaked condition but there was very little softening below this depth. Wet material is not sticky.
Columbia district. Decomposed shale from Johnson's road, near Invermere.	260	60	Dry surface dark grey in colour, firm and hard. Wetting softens surface but does not make it sticky.
Cranbrook district. Decomposed rock from Cranbrook-Fernie road, 7½ miles east of Cranbrook. Fairly fresh rock fragments.	250	60	Dry surface purplish-grey in colour, and hard. When wet, the surface softens but does not get at all sticky.
Cranbrook district. Decomposed rock from 7½ miles east of Cranbrook near preceding deposit. Rock fragments more weathered.	280	60	Dry surface light yellow, hard. When wet, surface softens but does not get sticky.
Cranbrook district. Decomposed rock from Cranbrook-Fernie road, 3½ miles east of Cranbrook.	390	40	Dry surface yellow in colour and hard. Surface softens somewhat when wet but does not get sticky.
Okanagan district. Talus rock from a broken up rock deposit on Penticton-Kelowna road on west side of lake before descending to the ferry landing.	780	60	Dry surface light grey in colour and hard. When wet, the surface softens and gets rather sticky.
Kamloops district. From rock talus on the North Thompson road, 9 miles north of Kamloops.	400	150	Dry surface dark grey in colour and hard. Surface is only slightly softened by wetting and does not develop any stickiness.
Kamloops district. From decomposed rock deposit on Grand Prairie road at Campbell creek.	380	35	Dry surface reddish-brown, hard. When wet, surface softens but does not get sticky.
Alberni district, Vancouver island. Sample of decomposed rock sent in by Public Works Dept., Victoria.	440	40	Dry surface red in colour and hard. When wet it softens but does not get sticky.

ALBERTA BITUMINOUS SANDS FOR RURAL ROADS.

G. C. Parker.

During 1917 and 1918, a study was made with a view to determining the possibilities of using the bituminous sands of northern Alberta as a surfacing material for rural roads. In order to collect information and data the writer visited Iowa and California in November and December, 1917, to inquire into the results obtained by the treatment of earth roads with asphaltic oils in Iowa, and the service rendered by bituminous sand surfaces in California. In April, 1918, he went to Alberta to study highway conditons in the Province. Up to the present time the bituminous sands constitute the largest mineral resources existing in the northern portion of the Province and the development of this district will depend on the extent to which the material can be used commercially. In an endeavour to open up the country, the Alberta and Great Waterways Railway has recently been completed from Edmonton to Fort McMurray, a distance of 305 miles. The development of commercial uses for the bituminous sands will not only assist in placing the railway on a paying basis but will also aid in the development of the northern part of the Province.

The largest market for asphalt has, for a number of years, been derived from the paving industry. The greater part of the paved area of the city and town streets has been surfaced with mixtures containing native or manufactured asphalt. It is natural therefore, in looking for a use for bituminous sands to consider their adapta-

bility to road surfaces. Material similar to that found in Alberta exists in many localities in the United States, that most closely resembling it being found in the state of California. As early as 1886, bituminous sand road surfaces were laid in Santa Barbara, Cal., and since that year many miles of roads have been surfaced with material from different deposits, with good, bad, and indifferent results.

Materials most commonly used for this work, stone and gravel, are not plentiful in Alberta. In isolated sections both may be found but the greater portions of the Province have no local source of suitable material. Sand, containing a comparatively small proportion of gravel occurs in a number of places but this is not of proper quality for the construction of substantial surfaces. The bituminous sand deposits must therefore be looked to in any endeavour to secure road building material.

In 1915, the Mines Branch constructed experimental surfaces with the Alberta sands, laying a section of pavement in the city of Edmonton. This has been a success and has attracted such attention that strong representations have been made, asking that experiments be extended with a view to determining the suitability of the material for surfacing country roads.

In consideration of the use of a material for this purpose, the question of cost demands first consideration. An expensive material, no matter how suitable, is not economically available. Therefore, having established the suitability of the bituminous sands for road surfaces from a technical point of view the cost of placing the material at the site of the work must be arrived at. This cost is made up of several items, namely,—cost of mining, cost of loading, cost of transportation and cost of hauling to the work. The cost of mining is governed largely by the manner in which the material occurs, as well as its character. The cost of loading depends on the proximity of the railroad to the deposits from which the material is taken and if the railroad siding enters the deposit, the method used in loading the cars. If, on the other hand the deposits lie at some distance from the railroad provision must be made for horse or mechanical haulage over this distance, with attendant cost. Transportation charges are governed by the freight rate extended by the railroad and the distance over which the railroad transports the material.

From reports previously published by the Mines Branch it is shown that the deposits lie in an area, the southern portion of which is approximately three hundred miles north from Edmonton. They are found, for the most part along the banks of rivers and creeks. The depth of the material as well as the thickness of overburden varies greatly. The limits of this variation may be illustrated by two deposits, one of which consists of an exposed bed of bituminous sand 50 feet thick underlying 205 feet of top soil; the other having only 15 feet of overburden on a bed of bituminous sand 180 feet thick. The cost of stripping the overburden must be added to the cost of removing the material from the deposit. Where possible, therefore, development should be confined to the heavy deposits with light overburden since the removal of the minimum of unusable material will permit the removal of the greater amount of that which is suitable. Regard must be had, however, for the quality of the material before deciding on which deposits to open. Since it is the asphalt contained in the bituminous sand that is of value and since this varies from 9 to 20 per cent of the total material, with an approximate average for all the deposits of 14 per cent, the economic balance between the costs of quarrying a low grade material from a deposit with light overburden and that of removing a high grade material from under heavier overburden must be struck. This not only affects the cost of quarrying, but that of transportation. A ton of material containing 20 per cent of bitumen will cost about the same to quarry and transport as a ton of bituminous sand containing 10 per cent. In the first case it requires but 5 tons of the crude material to make one ton of asphalt, while in the second, 10 tons would have to be handled to obtain the same amount of bitumen.

From maps published it is seen that the upper end of the Alberta and Great Waterways railway penetrates the area in which the deposits are located and for several miles

it runs practically through the more southerly of these. The question of proximity of railroad shipping points should not be serious. Short spurs could be constructed from the main line of the railroad right to the face of the deposit, thus insuring cheap loading.

Little can be said with regard to the cost of transportation from the deposits to a point where material would be used. Until the exact points of shipment, as well as the estimated quantity of material that will be carried has been decided upon, it will not be possible to obtain the actual cost for freight.

Past experience has established two governing factors in the successful construction of asphaltic road surfaces. Not only must the bituminous binder be of the proper consistency but it must exist in the proper proportion, this proportion being dependent on the mechanical grading of the mineral aggregate. A mixture containing a fine sand can carry more asphalt than one containing coarse. Then again, the various sizes of grains must be present in relative proportions. Most consistent success has been attained with a mixture known as the standard sheet asphaltic mixture which has the following physical composition:—

Material.	Percentage by weight.
Bitumen	10·5
Passing 200-mesh	13·0
" 100 "	13·0
" 80 "	13·0
" 50 "	23·5
" 40 "	11·0
" 30 "	8·0
" 20 "	5·0
" 10 "	3·0
Total	100·0

Analyses of samples taken from the Alberta deposits show that it will be almost impossible to secure a uniform supply of material with the above composition and that the mixture of materials of different grades will be necessary.

That this can be accomplished has been shown in the construction of the Edmonton pavement in which two grades of bituminous sands were successfully used. One was coarse in composition and contained 12 per cent of bitumen while the other, containing 16 per cent of bitumen, was very fine. These were heated and mixed in specified proportions and to them was added dry sand of the proper grading and in sufficient quantity to modify the resultant mixture in accord with the standard. Then again the character of the impregnating bitumen was not entirely suitable, as it was too soft. It was found that by retaining the material in the heated mixing chamber for a few moments the driving off of the lighter oils resulted in a hardening of the asphalt. The materials were mixed and heated in batches, each batch was dumped on the concrete foundation and spread and rolled while hot.

Three types of surface mixture were used. The sheet asphalt mixture contained the bituminous sands and dry sand; the asphaltic concrete contained in addition to the bituminous sand and dry sand a certain proportion of gravel; and a mixture approximating that called for by the bitulithic specifications resembled the asphaltic concrete differing from it in the grading of the mineral aggregate.

The following analyses of the mixtures as they entered the road, as well as the analyses of samples cut from the pavement in 1918, by the writer, are shown below. When compared with the composition of the original bituminous sand, it will be seen that it is quite possible to obtain results similar to although not identical to those secured with manufactured imported asphalts. While the pavement has been under traffic for only three and a half years, which does not justify comparison with others laid at earlier dates, up to the present it compares favourably with similar surfaces of wholly artificial mixtures.

SESSIONAL PAPER No. 26a

BITUMINOUS SAND.—ANALYSES OF MIXTURES LAID IN EDMONTON IN 1915.

(Percentage by weight.)

Material.	Sheet Asphalt.		Asphaltic Concrete.		Bitulithic.	
	1915	1918	1915	1918	1915	1918
Bitumen	11·3	11·0	9·1	9·1	8.1	7·3
Passing 200 mesh	9·0	9·0	3·9	5·0	5·2	5·0
" 100 "		21·0		19·0		12·0
" 80 "	33·0	14·0	42·1	11.0	37·0	9·0
" 50 "	13·7	25·0	4·2	15·0		9·0
" 30 "	13·5	5·0	0·3			4·0
" 20 "	12·5	7·0	0·8	1·0	8·1	5·0
" 10 "	7·0	8·0	4·0	4·0	6·7	7·0
" ¼ inch	0·5			10·0		7·0
" ½ "			35·3	26·0		12·0
" 1 "					34·7	22·6
Totals	100·5	100·0	99·7	100·1	99·8	99·9

Bituminous Sand Surfaces in California.

From 1886 until 1914, the bituminous sand deposits of California were used as a source of paving material, and while a number of the surfaces are in service at present probably an equal or greater number were failures. Prior to 1909, it was customary to heat the crude material in kettles, and lay it in the same manner as that used with artificial mixtures. The lack of uniform results led to an investigation and an improved method of treating the material. It was found that the natural grading and proportioning in most cases was not suitable and that the addition of dry sand was required to produce a mixture approaching the standard. It was also necessary to heat the bituminous sand for some time in order to harden it by the driving off of the lighter constituents of the asphalt, and a special form of mixer was designed for this purpose. Following the adoption of the improved methods consistent results were produced and practically all the surfaces laid with the graded mixtures are to be seen to-day.

While in California the writer examined a total of 28 bituminous sand surfaces, and procured information concerning 12 others. Of these, 21 were constructed of crude material and 19 consisted of the graded mixtures of sheet asphalt and asphaltic concrete. The results of 46 tests were recorded and many more studied, those of which copies were made being representative of the total number examined.

It is significant to note that of the 21 crude surfaces, 6 were failures and 3 were indifferently good, while of the 19 graded mixtures there was reported only one failure, and this was on account of the specifications not being followed. The analysis of this surface furnished sufficient indication to show the reason for the failure. The results secured show without a doubt that the bituminous sands when properly treated have been a success. In the cases where the crude material had been used satisfactorily results of tests showed mixtures which, while not closely resembling the standard, at least were better balanced with regard to the relation of fine sand to coarse, and sand to bitumen. In two instances pavements which had failed appear to have compositions similar to those of others which had not. The explanation given was that the material had not been heated properly and consequently the asphalt was too soft.

A number of pavements have been laid with what is termed the "black" base, meaning a foundation of asphaltic concrete in which the bituminous sands were incorporated, with or without a sheet asphalt surface. In the town of Hayward, two

of the main business streets were surfaced, in 1911, with 3½ and 4 inches of asphaltic concrete and 1 inch of sheet asphalt. York and Virginia streets in Vallejo were paved between the years 1907 and 1910, the pavements consisting of one layer of asphaltic concrete 5 inches thick. The Santa Barbara-Goleta road, 8 miles long, was built in 1912 with 3½ inches of asphaltic concrete and 1½ inches of sheet asphalt. The above surfaces were examined by the writer and found to be in almost perfect condition. In one instance the settlement of the subgrade had caused cracks and depression in the surface but the total area of these defects would not exceed 50 square yards. The mixtures used were carefully graded, the unbalanced composition of the crude material being compensated for by the addition of dry sand and crushed stone in proper proportions.

In considering the success of the above surfaces sight must not be lost of the difference in climates between California and Alberta. In the former frost is not frequent, and heavy, continued freezing is unheard of; while at Edmonton the average mean monthly temperature range, over a period of 24 years, was from −3·2 degrees in January to 73·7 degrees in July. The action of frost must therefore be minimized by special care in the drainage.

In this connexion it is interesting to note that in the state of Iowa, where the climate is similar to that of Ontario, although not as severe as that of Alberta, certain success has been attained by the waterproofing of the road surface by treatment with asphaltic oils. A number of roads have been rendered not only passable but quite firm and smooth for twelve months of the year by two applications of oil. Several of these roads were seen by the writer in the winter of 1917, during a mild period, immediately succeeding one of snow and frost. In every case but one the surface was smooth and hard, the one exception being a sand road which derived little benefit. The best results have been obtained with heavy black clay which, to all appearances at least, is similar to the dark soil of the Canadian West.

Until 1918, highway expenditure in Alberta was made by the Provincial Government as directed by the Minister of Public Works, the Government meeting the entire cost. Last year, however, a comprehensive scheme for improvement was undertaken and as a first step all roads are to be classified in "main", "district", and "local". Towards the cost of the main roads, the Government contributes 75 per cent, 25 per cent towards the cost of district roads, and nothing in connexion with the local roads. The local municipalities contribute the remaining 25 and 75 per cent towards the cost of the main and district roads and bear the entire expense of construction of the local roads. In this way the Province has the responsibility for the construction and maintenance of the trunk highways and is interested to a smaller extent in the other branches of the system. Thus if the construction of experimental rural roads with the bituminous sands were undertaken such surfaces could be laid by the Province on the heavily travelled roads, where they would be subjected to a severe test, at a comparatively small cost to the municipalities.

As might be expected, soil conditions vary. Practically all of the roads in the Province have earth surfaces. Consequently different methods of treatment have been found necessary. A clay road cannot be too dry and once thoroughly dried it will remain hard and firm during a wet period in the summer. A sand road, when quite dry is soft and the surface easily displaced, and the water penetrates to a greater extent and takes longer to evaporate. Its surface is never firm and hard while that of a dry clay road will bear heavy wheel loads and will not break up until the subgrade is saturated. It will, however, become muddy and slippery during a rain. The greater mileage of the Alberta roads is through the heavy clay, but roads were also seen on sandy and chalky soils.

The work done by the Provincial Road Department in the past has been quite effective. The first principle of road construction, proper drainage, has been strictly followed and in travelling over the roads which have been improved, one is impressed

with the success attained. In many instances difficulty was encountered as parts of the country are flat and are dotted with water holes. These have been drained, the expenditure in the construction of long ditches having been considerable.

Most of the main roads are so located with respect to the supplies of road-building materials that they can only be secured at great cost. Stone is found at the foothills of the mountains but the cost of transportation added to the cost of quarrying will render its general use prohibitive. Gravel is found in restricted areas and is not of a quality best adapted to road surfacing. The bituminous sands can be obtained by direct haul from the deposits on a new railroad not overburdened with traffic. The management of the Alberta and Great Waterways railway has indicated its desire to co-operate in the development of the deposits to the extent of furnishing a low freight rate from McMurray to Edmonton.

It has been shown that the bituminous sands have been successfully used, both in California and Alberta, for surfacing roads with rigid foundations, provided the physical composition on the surface mixture were regulated. In California one layer of bituminous sand mixture has carried traffic for ten years and only where the subgrade was weak did the surface break. In Iowa the draining of the subgrades and the waterproofing of the surface of clay roads have given excellent results, provided that the treatments were repeated and that drainage was maintained. In Alberta it has been demonstrated that the serviceable period of the earth roads can be greatly lengthened by the installation of effective drainage. It is therefore reasonable to expect that the addition of waterproof coating to the surface of these roads will provide a dry subgrade and a firm surface during prolonged wet periods. This could be done by introducing a small quantity of the crude bituminous sand into the surface of the clay roads.

Better results although at greater cost, might be expected from an asphaltic concrete mixture laid on a well drained, compacted subgrade and rolled to a thickness of 4 or 5 inches. Since the success of such a pavement will depend on the subgrade being free from water, particularly at a time preceding a heavy frost, special attention to the drainage will be required.

A total of 6,600 tons of bituminous sand will furnish sufficient material to surface with asphaltic concrete mixtures 2 miles of road, 10 feet wide and 4 inches thick, 2 miles, 10 feet wide and 5 inches thick, and 3 miles with a waterproofing surface 10 feet wide. The cost of laying the 6,600 tons mentioned above, exclusive of plant charges, should not exceed $35,000, of which about one-half would be for quarrying, loading, and transporting, with a freight rate of $1 per ton. This figure can, however, be but an approximate estimate of the cost of the work.

There is reason to believe that it will be possible to use the Alberta bituminous sands with success in the construction of rural roads. The writer would beg to suggest that the Mines Branch co-operate with the Provincial authorities in a plan for giving this material a practical trial in types of rural construction such as have been indicated. The Mines Branch should make a careful examination of soils and available materials for use in conjunction with the bituminous sand along stretches of road suitable for experimental purposes and determine upon a plan of procedure. When a mutually satisfactory programme has been decided upon, the Provincial Highway Department should take the responsibility of financing and of providing engineering direction, granting to the Mines Branch, however, supervision in so far as the use of materials is concerned.

References to the reports by S. C. Ells on the Investigation of the Bituminous Sands of Northern Alberta.

1. Summary Report, Mines Branch, 1915, page 69.
   1916, " 56.
2. Summary Report, Mines Branch, 1913, page 54.
   1915, " 68.

Preliminary Report on the Bituminous Sands of Northern Alberta, Mines Branch, 1914, pages 11 to 37.

3. Summary Report, Mines Branch, 1913, page 54.
1915, " 68.

Mr. Ells has prepared a file of maps showing the topography of the surrounding country and the location of outcrops of bituminous sand in the McMurray, Clearwater, Christina, Steepbank, McKay, and Moose areas of the general area over which the outcrops of bituminous sand occur. These maps are available for reference at the Mines Branch.

4. Summary Report, Mines Branch, 1914, page 62.

Preliminary Report on the Bituminous Sands of Northern Alberta, Mines Branch, 1914, page 79.

DIVISION OF CHEMISTRY.

SUSSEX STREET LABORATORY.

F. G. Wait, *Chief of the Division.*

The work done in the laboratory during the year ending December 31, 1918, may be classified as under:—

Assays for Gold, Silver, and Platinum: From the undermentioned localities in:—

(*a*) *British Columbia.*

i. Headwaters of Whitewater creek, Ainsworth Mining Division.
ii. West shore of the middle channel of Barclay Sound.
iii. Broken Hill property, Rapid creek, Lardeau River valley.
iv. From a point 8 miles north of Lewis Creek station (C.N.R.), north of Kamloops.
v. An undefined point 8 miles south of Sicamous, and 40 miles from the Sicamous-Vernon branch of the C.P.R.
vi. A sample of New Hazelton gold-cobalt ore.
vii. Concentrates from the Quesnel Hydraulic Gold Mines, at Hydraulic, Cariboo Mining Division.
viii. From placer workings on Wild Horse creek, near Fort Steele.
ix. From an outcrop on the shore of Powell lake.
x. From the Jo Jo mineral claim, Slocan district, West Kootenay.

(*b*) *Manitoba.*

24 samples from the Star Lake district.

(*c*) *Ontario.*

i. Thunder Bay district:—
One sample from the shore of Atik lake, near Port Arthur.
One from a point 30 miles east of the mouth of Pigeon river; and four others from the vicinity of Long lake.

ii. Timiskaming district:—
Hislop township—Lot 1, con. IV, one sample; and one sample from undesignated localities in each of the following townships: Bucke, Cleaver, Coleman, and Powell.

(*d*) *Quebec.*

i. Pontiac county:—
Three samples from lot 28, r. VI, of Clarendon township, and three others from undesignated localities in Onslow township.

(*e*) *Nova Scotia.*

i. Halifax county:—
Concentrates—two samples from the property of Scheelite Mines, Ltd., Moose River mines.

ii. Richmond county:—
One sample from the Sterling zinc deposit.

In addition to those enumerated above, there were 18 samples concerning which no data as to locality of occurrence were furnished.

Antimony Ore: One sample of stibnite from Fish creek, a tributary of the Klondike river, Yukon territory.

Chrome Iron Ore: Three samples from a correspondent in Rossland, B.C. Precise locality not stated.

Clay—and Sediments: Three samples taken from the bottom of lake Ontario, at depths ranging from 10 to 600 feet.

Copper Ore: One sample from lot 1, con. VI, of Lorne township, Sudbury district, Ontario.

Ferro-silicon: Fifty-two samples of this material, all of high silicon content, were analysed for the Imperial Ministry of Munitions. This work—a continuation of that reported last year—was carried on by members of our own staff until May, 1918.

Fireclay: One sample from Missinaibi river, north of Coal brook, Algoma district, Ontario.

Glass Sand: Twenty-one samples of quartz sand have been submitted to partial analysis to ascertain their suitability for employment in glass manufacture. Special attention was given to the determination of the usual deleterious constituents—iron, alumina, lime, and magnesia.

The following localities have been visited and samples taken:—

Quebec.

Beauharnois county:—

Melocheville, from the quarry of Montreal Sand and Gravel Co.

Beauharnois, from the farm of W. H. Robarts.

Chateauguay county:—On north and south road, 4½ miles north of Ormstown.

Huntingdon county:—

Covey Hill, from farm of Charles Brisbin. On main road between Hemmingford and Vicars, at a point 7 miles west of Hemmingford.

On the east and west road, 1 mile west of Maritana, on the farm of Joseph Foyer.

Franklin Centre, from the bottom of the east branch of Outard creek, just north of the bridge.

On east and west road, 2½ miles west of road from Hemmingford to Barrington.

Kamouraska county:—

SW. end of Long Pilgrim island.

NW. " "

3¾ miles north of St. Pascal Station; property of Jos. Labris.

3 miles SE. of wharf at Kamouraska; property of Arsine Drapeau.

3 miles SW. of St. Pascal Station; property of Louis Migneault.

SW. end of Great Pilgrim island.

Portneuf county:—

Chavigny township, S. ½ lot 5, r. I, SW.; near Notre-Dame-des-Anges.

Montauban township, lot 1, r. V., SW., and Montauban township, lot 1, r. V, NE., Notre-Dame-des-Anges.

Ontario.

Frontenac county:—Loughboro township, lot 19, con. X.

" " lots 9 and 10, con. VII.

Pittsburgh township, N. ½ lot 11, con. V.

" salmon-coloured material.

Haldimand county:—Nelles Corners, property of Oneida Lime Co.
i. Run of pit.
ii. North outcrop.
iii. North side of quarry.

Lanark county:—North Burgess township, S. ½ lot 11, con. VIII.
North Elmsley township, S. ½ lot 26, con. X.

Leeds county:—Bastard township, lot 25, con. I.
Elizabethtown township, S. ½ lot 36, con. I. From cliff on shore of St. Lawrence river.
North Crosby township, centre of lot 8, con. VII.
South Crosby township, lot 15, con. I.

Graphite and Graphitic Rock:

Two specimens of graphitic rock from Algoma district, Ontario, as follows:—
i. At C.N.R. mileage 70 and 48 chains west of Hornepayne. Graphite-bearing zone in biotite gneiss.
ii. Taradale, graphitic biotite schist. Missinaibi district, Ontario; precise locality not stated.

Identification of Material:

One hundred and twenty-one samples of different kinds have been examined during the year. In most instances the determination of mineral species was sufficient; in others an opinion as to probable economic value was required.

Iron Ore: One sample was analysed during the year. It was taken from a deposit on lot 15, con. V, of Belmont township, Peterborough county, Ontario.

Limestones: One hundred and twenty samples of limestones and dolomites were analysed to ascertain their suitability for use in various manufacturing industries. They were collected at the undermentioned localities:—

Ontario.

1. Bruce county:—
Brant township, lot 2, con. VII, Reid's quarry.
Carrick township, lot 8, con. A, an old quarry.
Culross township, Teeswater, Toronto Plaster Co's quarry.
Kincardine township—
Lots 6 and 7, con. III, Holland's quarry.
Inverhuron, Smith's quarry.
Owen Sound—
Chalmers' estate quarry, west hill.
Oliver Roger's Stone Co., east hill.
Wiarton, from an exposure on Gould street.

Carleton county:—
Gloucester township—
Lot 22, con. I, Robillard's quarry, upper 10 ft.
Robillard's quarry, lower 6 ft.
Lot 1, con. III, McLaren's quarry.
Lot 24, con. I, Gamble's quarry.
Merivale road, Rideau Canal Supply Co.'s quarry.
Hogsback, Thibault's quarry.
Goulburn township, east half lot 3, con. XII, Sullivan's quarry.
Nepean township, lot 32, con. A.
Torbolton township, lot 21, con. IV, McTernan's quarry.

Dufferin county:—

Amaranth township, lot 32, con. I, Hall's quarry.

Dundas county:—

Williamsburg township—

Lot 31, con. VII, Farlinger's quarry.

Lot 19, con. VIII.

Winchester township, corporation quarry, ½ mile south of Winchester station.

Essex county:—

Anderdon township, lot 6, con. I, Solvay Process Co.'s quarry.

Frontenac county:—

Hinchinbrook township, east of Godfrey.

Kingston township, lot 4, con. II.

Pittsburgh township, Barriefield camp, three samples.

Portland township, lot 9, con. XIII, McMullin's quarry.

Wolfe island, quarry ¼ mile east of wharf.

Glengarry county:—

Charlottenburg township, lot 6, con. X,I,L.

Lochiel township, lots 6 and 7, con. II.

Grenville county:—

Augusta township, lot 17, con. II.

Wolford township, lot 2, con. I, exposure in C.P.R. cut.

Grey county:—

Artemesia township, Eugenia Falls, upper 20 feet.

Haldimand county:—

Cayuga North township, lot 49, con. II, Oneida Lime Co.'s quarry.

Dunn township—

Lot 18, con. ?, Webber's quarry, upper 10 ft.

Lot 18, con. ?, Webber's quarry, lower 12 ft.

Rainham township, lot 2, con. II, Helka's quarry.

Walpole township—

Lot 6, con. XIV, Wieger's quarry.

Lot 1, con. XIV, Teitz's quarry.

Halton county:—

Esquesing township—

Lot 24, con. IV, Toronto Lime Co.'s Dolly Varden quarry.

Lot 22, con. VI, Toronto Lime Co.'s Limehouse quarry.

Nassagaweya township—

Lot 3, con. VI, Christie-Henderson quarry, "buff" stone.

Lot 3, con. VI, Christie-Henderson quarry, "blue" stone.

Lot 3, con. VII, D. Robertson and Co.'s quarry.

Hastings county:—

Elzevir township, quarry in village of Actinolite.

Hungerford township—

Lot 12, con. XIV, Hastings Quarries Co.

Lot 12, con. XI.

Tyendinaga township, vicinity of Shannonville, Ontario Limestone and Clay Co.'s quarry.

Huron county:—
Howick township, lot 13, con. VIII, Ashton's quarry.

Lambton county:—
Bosanquet township, weathered hand sample from R.R. cut ¾ m. NE. of Thedford.

Lanark county:—
Beckwith township, lot 12, con. X, McNeely's quarry.
Pakenham township—
Lot 23, con. XII, Duncan's quarry.
East of the village of Pakenham.

Ramsay township—
Lots 8 and 9, con. IV, Cameron's quarry.
Lot 20, con. V.
Lot 17, con. IX, north of Almonte.

Leeds county:—
Bastard township, from Delta Lime Co.'s quarry.
Crosby North township, lot 11, con. VIII: exposure on roadside, 2 m. from Westport.
Elizabethtown township—
One mile east of Brockville, on south side of Prescott road.
One-half mile east of Brockville, north of Prescott road on property of G. Sherwood.

Lennox and Addington counties:—
Camden East township, lot 13, con. I, Tompkin's quarry.
Ernestown township, lot 35, con. VII, old quarry.
Richmond township, Bergin's quarry, on Roblin's hill, east of Napanee.
Richmond township, old quarry, 2½ m. N.E. of Napanee.

Lincoln county:—
Grantham township—
Lot 15, con. X, Ball's quarry.
Lot 17, con. X, Hansell's quarry.
Niagara township—
Lots 47, 48, 49, Queenston Quarry Co., upper 18 ft.
Lots 47, 48, 49, Queenston Quarry Co., lower 15 ft.

Norfolk county:—
Woodhouse township, lot 24, con. I, Howey's quarry, upper 8 feet.

Ontario county:—
Rama township, Longford Quarry Co., Canada Iron Corporation's old quarry, ½ mile north of Longford.

Oxford county:—
Oxford West township, Standard White Lime Co.'s west quarry, near Beachville.

Peel county:—
Near Melville junction, Contractor's Supply Co.'s quarry.
Credit Forks, a hand sample.

Perth county:—

Blanchard township—

St. Mary's, Standard White Lime Co.

St. Mary's Cement Co.

Peterboro county:—

Belmont township, from an exposure near Preneveau.

From a rock cut on C.P.R., 1 mile east of Havelock.

Prescott county:—

Alfred township, lot 6, con. IV, Lett's quarry.

Hawkesbury East township—

Lot 28, con. I, Ross's quarry.

Lot 10, con. III, Stevens' quarry.

Plantagenet North township, lot 9, con. VI, Winning's quarry.

Prince Edward county:—

Hallowell township, lot 23 or 24, con. III, M.T., Bedborough's quarry.

Sophiasburg township, lot 52, con. II, W.G.P., Doxisee's quarry.

Renfrew county:—

Bagot township, lot 28, con. VI.

Bromley township, near Douglas station, C.P.R., McDougald's quarry.

Grattan township, east of Eganville, Standard Chemical Iron and Lumber Co.'s quarry.

Horton township—

Lot 5, con. II, Jamieson's quarry.

Lot 13, con. III, Jamieson's quarry.

McNab township, lot 18, con. XIII, Canada Lime Co.'s quarry.

Pembroke township, lot 12, con. I, Markus' quarry, 12-ft. face.

Ross township—

Lot 19, con. VI, Renfrew White Granite Co.'s quarry.

Lot 10, con. X, Jamieson's quarry.

Wilberforce township, lot 20, con. XIX, Biederman's quarry.

Russell county:—

Clarence township—

W. C. Edwards', (Stewart's) quarry, Rockland, average of upper 75 ft.

F. Beauchamp's quarry at Clarence creek, average of upper 6 ft.

Russell township, lot 7, con. VII, E. Bruyere's quarry, 2 samples.

Simcoe county:—

Medonte township—

Lot 20, con. XIII, Peters' Coal Co. quarry; upper 25 ft.

Lot 20, con. XIII, Peters' Coal Co. quarry; lower 6 ft.

Nottawasaga township—

Lot 47, con. XI, Cramp Steel Co.'s quarry near Collingwood.

Lot 25, con. XI, Chestnut's quarry.

Orillia North township—

Lot 10, con. IV, Ontario Stone Corporation's quarry.

Tay township—

Lots 19 and 20, con. V, Canada Iron Corporation's quarry; upper 5 ft.

Lots 19 and 20, con. V, Canada Iron Corporation's quarry; lower 8 ft.

Stormont county:—

Finch township, lot 8, con. XII, Mackie's quarry.

Victoria county:—

Eldon township, lot 49, con. IX, Crushed Stone, Ltd., Co.'s quarry; average of 16-ft. face.

Waterloo county:—

Dumfries North township, Christie-Henderson and Co., quarry, in the city of Galt.

Welland county:—

Bertie township—

Lot 13, Lake Erie front, Standard Crushed Stone Co.'s quarry.

Lot 7, con. VIII, township quarry; lower 14 feet.

Stamford township—

Lots 31, 32, near Thorold; upper 20 ft.

Lots 31, 32, near Thorold; lower 10 ft.

Wellington county:—

Eramosa township, E. Harvey's quarry at Rockwood.

Erin township, lot 15, con. VI, Ashenhurst Bros.' quarry, average of 12-ft. exposure.

Guelph township—

Standard White Lime Co.'s quarry at Guelph.

Prison farm quarry; upper 10 ft.

Nichol township—

James Gow's quarry at Fergus.

Elora White Lime Co.'s quarry at Elora.

Puslinch township, lot 2, con. IV, Christie-Henderson Co.'s quarry, 3 miles north of Hespeler.

Wentworth county:—

Ancaster township, lot 48, con. II, Guests' quarry, upper 18 ft.

Barton township, lot 15, con. VI—

Gallagher Lime and Stone Co.'s quarry; upper 8 ft.

" " " " lower 16 ft.

" " " " 4-ft. bed of brown coursing stone.

Beverley township, lot 8, con. III, Parks Bros.' quarry.

Flamboro West township—

Lots 12-15, con. I; Canada Crushed Stone Corporation, Ltd., lower 30 ft.

Lot 6, con. VI, county quarry; average of 10-ft. face.

Manganese Ores: Eighteen samples have been analysed from:—

Nova Scotia—Cape Breton county, Hay cove, two samples, and two others from undefined localities.

Ontario—Nipissing district—lot 6, con. I, of Capreol township, a manganiferous bog iron ore.

British Columbia—

Five samples from the Black Prince claim on Shaw creek.

Seven samples from undefined localities on Vancouver island.

Yukon—Mayo district, 1 sample—exact locality of occurrence not stated.

Molybdenum Ores: One sample from Penn-Canadian Mines, Cobalt.

NICKEL ORES: Four samples from:—

Quebec—Pontiac county, lot 12, range XVI of Eardley.

Ontario—Two samples from Nelson and Langmuir townships; exact location not stated.

British Columbia—One sample from the west shore of the middle channel of Barclay sound, and one from a point near Ikeda bay.

POTASH-BEARING MATERIALS:—

The unusual demand for potash, caused by the requirements of the war, has led to the examination of materials, hitherto disregarded, for their possible content of this valuable salt. One such consisted of coal ash, or "flue dust," from boilers used in heating the west block of the departmental buildings at Ottawa.

It was found to contain 0·96 per cent of potash, of which 0·07 per cent was in a water soluble form.

A sample of potassium chloride, as manufactured from feldspar by the National Potash Co. of Toronto, was analysed and found to contain 64·66 per cent of KCl, 32·13 per cent of NaCl, and small quantities of other impurities.

In addition to the foregoing, 5 samples of supposed potash-bearing salts have been examined:—

Three samples from sec. 2, township 13, range 26, west of 3rd meridian, Sask.

One from Inglebright lake, occurring on secs. 13, 14, 23, and 24, township 16, range 25, west of 3rd meridian, Sask.

One from an alkali lake situated near the railway, 10 miles east of Maple Creek, Sask.

In none of the above was potash detected in more than mere traces.

PYRITOUS (SULPHUR) ORES:—

Thirteen samples of iron pyrites (and pyrrhotite) have been analysed with a view to ascertaining their adaptability, primarily, as sources of sulphur. Those examined were derived from the following localities in Ontario:—

Algoma—

Four samples from the Goudreau pyrite claim.

Vicinity of Franz station.

From the Goetz range, at mile post 2½, on Algoma Central railway.

Kenora—Fourteen miles S.W. of English River station, C.P.R.

Sudbury—Four samples from the townships of Dale and McOwen.

Thunder Bay—

Near Jack Pine station, C.N.R., east of Lake Nipigon.

Schreiber, vicinity of, two samples.

Frontenac county—(Pyrrhotite), lot 10, con. IV, of Olden township.

TUNGSTEN ORES: Four samples; all from Manitoba:—

Falcon Lake district, one sample.

Star Lake district, three samples.

None contained economic quantities of tungsten.

WATERS AND BRINES: One sample from Messrs. Paterson and Ryan's oil well at Glencoe, Ont. Potash was specially sought, but none was detected.

DIVISION OF MINERAL RESOURCES AND STATISTICS.

JOHN MCLEISH, *Chief of Division.*

The Annual Report on mineral production presents not only a complete annual inventory of the mining and metallurgical industries of Canada but includes for each mineral product a discussion of trade conditions, imports, exports, domestic consumption, prices, and, from time to time, discussions of methods of preparation of ores and mineral products, their uses and markets.

The report is based upon statistical data collected by correspondence from some 3,500 smelter, mine, and quarry operators throughout the Dominion, supplemented by records of ore and mineral shipments furnished by railway companies, by records of ore receipts furnished by smelting companies both in Canada and in the United States, and by other data having a direct bearing on mineral production or on mineral consumption.

This series of annual records dates from 1886 and it has been the practice from the beginning to anticipate the complete report, the publication of which must necessarily for various reasons, be delayed until late in the year, by the issue, two months after the close of the year covered, of a "Preliminary Report on the Mineral Production of Canada." While subject to revision, the statistical records of this preliminary report, particularly in recent years, have been found in most products to approximate very closely indeed to the final revised records.

Since 1907 the publication of the complete Annual Report has been preceded by the advance publication of separate chapters as the compilation was completed on the more important mineral products, these advance chapters being re-printed, and included in the Annual Report.

Thus, not only have the final and complete statistical records been available more promptly but the publication of separate parts has made the data more readily available to those interested in particular subjects.

During the past three years the annual collection has been supplemented by monthly, or quarterly records of a number of the more important mineral products, particularly those the production of which became of first importance in the successful prosecution of the war. These included monthly records of the production of pig-iron and steel, of chromite, coal, pyrites, sulphuric acid, etc. The data thus obtained was furnished to the Fuel Controller, the Mineral Resources Commission, the War Trade Board, and other interested departments. In addition to the statistical records, numerous special memoranda and reports were prepared for the information of war boards and commissions as well as for the Imperial and United States Governments on the possible and probable production in Canada of many "war minerals."

In the completion of the final reports on mineral production during the calendar year 1917, Mr. A. Buisson has again compiled the statistics with respect to metals and metallic ores and has prepared the text of the chapters on gold, copper, lead, nickel, silver, zinc, and other miscellaneous metals. He has also compiled the list of "Metal Mines" and the list of "Metallurgical Works in Canada."

Mr. Casey has compiled all the statistics of the production of non-metalliferous products and structural materials as well as the records of imports of mineral products and has prepared for publication the various "Lists of Mine and Quarry Operators," with the exception of the "Metal Mines and Metallurgical Works."

The following reports and lists were completed during the year and sent to press on the dates indicated:—

Reports—

Preliminary Report on the Mineral Production of Canada, during the calendar year 1917. February 26, 1918.
The Production of Copper, Gold, Lead, Nickel, Silver, Zinc, and other Metals in Canada, during the calendar year 1917. October 25, 1918.
General Summary of the Mineral Production of Canada, during the calendar year 1917. November 20, 1918.
The Production of Iron and Steel in Canada, during the calendar year 1917. November 29, 1918.
The Production of Cement, Lime, Clay Products and other Structural Materials, during the calendar year 1917. December 11, 1918.
The Production of Coal and Coke in Canada, during the calendar year 1917. December 16, 1918.
Annual Report on the Mineral Production of Canada, during the calendar year 1917. January 25, 1919.

List of Mine Operators—

List of Metal Mines in Canada. August 12, 1918.
List of Mines in Canada (other than Metal Mines, Coal Mines, etc.). August 12, 1918.
List of Petroleum and Natural Gas Wells (including a list of Petroleum Refineries). August 13, 1918.
List of Coal Mine Operators in Canada. October 7, 1918.
List of Metallurgical Works in Canada. October 28, 1918.

CO-OPERATION WITH THE DOMINION BUREAU OF STATISTICS IN THE COLLECTION OF MINERAL PRODUCTION STATISTICS FOR 1917 AND 1918.

Pursuant to an arrangement entered into with the Dominion Bureau of Statistics, the complete files of statistical production records for the year 1917 collected by this Division were made available to the Dominion Bureau of Statistics of the Department of Trade and Commerce, and the compilation of the mineral production record made in this office was accepted by the Dominion Bureau of Statistics to be included in that Bureau's report on the census of the mining industry. The same co-operation is being continued in respect to the mineral production records for the calendar year 1918.

MINERAL PRODUCTION DURING 1918.

The mineral production of Canada during the calendar year 1918 has already been the subject of a Preliminary Report published on the 5th of March, 1919. As the revised figures are now available, they are presented in the following table.

In an analysis of the mineral production during 1918 it was stated in the Preliminary Report, and the comment applies equally with the revised record, that:—

> "During the past three years greatly increased prices of metals and mineral products have contributed in large measure toward increasing the total value of the mineral production; nevertheless, it is satisfactory to note that out of about 45 items, or products, included in the mineral record, treating clay products and stone quarries each as a single item, no less than eighteen products have reached their highest production in actual quantity during 1918 or 1917."
>
> "The production of cement, clay products, stone quarries and other materials of construction was, as compared with maximum production before the war, reduced almost one-half because of the enforced cessation of building activity, whereas the production of metals and of various non-metals and fuels, most of which entered either directly or indirectly into war's requirements, was greatly increased."

"Comparing broadly the production during the past two years it will be noted that more than half the total increase has been due to the higher prices obtained for coal, and a considerable proportion of the balance of the increase to higher prices of silver, cobalt, and asbestos, though each of these products, with the exception of silver, was also produced in greater quantity than in the previous year."

MINERAL PRODUCTION OF CANADA DURING THE CALENDAR YEAR 1918.

(Revised Statistics.)

Product.		Quantity.	Value.	Per cent of total.
Metallic.			$	
Cobalt metallic and contained in oxide, etc	*Tons.	1,347,544	3,368,860	1·59
Copper, value at 24·628 cents per lb	"	118,769,434	29,250,536	13·84
Gold	Ozs.	699,681	14,463,689	6·85
Iron, pig, from Can. ore	Tons.	47,444	1,204,703	0·57
Iron ore sold for export	"	118,472	498,999	0·24
Lead, value at 9·250 cents per lb	Lbs.	51,398,002	4,754,315	2·25
Molybdenite, Mo S_2 contents, valued at $1.15 per lb	"	378,029	434,733	0·21
Nickel, value at 40 cents per lb	"	92,507,293	37,002,917	17·51
Platinum	Ozs.	39	2,560	
Silver, value at 96·772 cents per lb	"	21,383,979	20,693,704	9·79
Tungsten concentrates	Lbs.	27,088	11,700	
Zinc, value at 8·159 cents per lb	"	35,083,175	2,862,436	1·35
Total			114,549,152	54·21
Non-Metallic.				
Actinolite	Tons.	228	2,508	
Arsenic, white and in ore	"	3,560	563,639	0·27
Asbestos	"	141,462	8,936,804	4·23
Asbestic	"	16,797	33,993	
Chromite	"	21,994	867,122	0·41
Coal	"	14,977,926	55,192,896	26·12
Corundum	"	137	26,112	
Feldspar	"	18,782	112,728	
Fluorspar	"	7,362	156,029	
Graphite	"	3,114	248,870	0·12
Graphite, artificial	"	904		
Grindstones	"	3,072	83,005	
Gypsum	"	152,287	823,006	0·39
Magnesite	"	39,365	1,016,765	0·48
Magnesium sulphate	"	1,949	14,565	
Manganese	"	440	6,230	
Mica	"	747	271,550	0·13
Mineral pigments:—				
Barytes	"	640	10,165	
Oxides	"	17,317	112,440	
Mineral water	"		154,468	
Natural gas	M. cu. ft.	20,140,309	4,350,940	2·06
Petroleum	Bls.	304,741	885,143	0·42
Phosphate	Tons.	140	1,200	
Pyrites	"	411,616	1,705,219	0·81
Quartz	"	268,155	629,813	0·30
Salt	"	131,727	1,285,039	0·61
Talc	"	18,169	119,197	
Tripolite	"	500	12,500	
Total			77,621,946	36·74

* Short tons throughout.

MINERAL PRODUCTION OF CANADA DURING THE CALENDAR YEAR 1918[1]—*Concluded.*

(Revised Statistics.)

Product.		Quantity.	Value.	Per cent of total.
Structural Materials and Clay Products.			$	
Cement, portland	Brls.	3,591,481	7,076,563	3·35
Clay products:—				
Brick, common	No.	164,970,087	1,879,811	0·89
Brick, pressed	"	40,146,536	639,083	0·30
Brick, paving	"	.....	.....	
Brick, moulded and ornamental	"	357,793	28,296	
Terra Cotta	"	174,752	15,146	
Fireclay and fireclay products		.....	404,824	0·19
Fireproofing	No.	28,087	226,798	0·13
Hollow Bldg. Blocks	"	1,402,158	40,876	
Kaolin	Tons.	863	19,299	
Pottery		.....	130,242	
Sewerpipe		36,574	699,774	0·33
Tile, drain	No.	19,762,101	499,340	0·24
Lime	Bus.	6,363,951	1,876,025	0·89
Sand-lime brick	No.	14,589,324	186,066	
Sand and gravel	Tons.	11,262,282	2,367,018	1·12
Slate	Sq.	933	5,124	
Stone:—				
Granite		.....	590,871	0·28
Limestone		.....	2,342,403	1·11
Marble		.....	550	
Sandstone		.....	102,750	
Total		.....	19,130,799	9·05
Grand total		.....	211,301,897	100·00

[1]In presenting a total valuation of the mineral production as is here given, it should be explained that the production of the metals, copper, gold, lead, nickel, silver, and zinc is given as far as possible on the basis of the quantities of metals recovered in smelters, and the total quantities in each case are valued at the average market price of the refined metal in a recognized market. There is thus included in some cases the values that have accrued in the smelting or refining of metals outside Canada.

DRAUGHTING DIVISION.

H. E. Baine, *Chief Draughtsman.*

During the year 1918, in addition to the general work of this Division, instructions were received to supervise the compiling and printing of maps, diagrams, charts, etc., in connexion with the Canadian Munition Resources Commission, of which Mr. George C. Mackenzie of this Branch is secretary.

Up to date, five maps have been printed, and seven are in the hands of the printer.

We have also been able to introduce a system of filing for halftone blocks, zinc cuts, and photos belonging to the various reports, and which have been accumulating since the organization of the Branch.

The following is a list of maps published during the calendar year 1918:—

477. Peat Bogs investigated in Ontario.
484. Peat Bogs investigated in Quebec.
485. Girard Peat Bog, St. Johns and Napierville counties, Que.
486. Pont Rouge Peat Bog, parish of Cap Santé, Portneuf county, Que.
487. Peat Bogs investigated in New Brunswick.
488. St. Stephen Peat Bog, Charlotte county, N.B.
489. Hayman Peat Bog, parish of St. Stephen, Charlotte county, N.B.
490. Seely Cove Peat Litter Bog, parish of Pennfield, Charlotte county, N.B.
491. Pocologan Peat Bog, Charlotte county, N.B.
492. Musquash Peat Bog, St. John county, N.B.
586. Mechanical drawings, diagrams, charts, etc.
650. Blue prints.

Maps prepared for the Canadian Munition Resources Commission:—

Yukon	scale:	16	miles=1	inch.
Nova Scotia	"	8	" =1	"
New Brunswick	"	7·89	" =1	"
Montreal sheet	"	7·89	" =1	"
Montmagny sheet	"	7·89	" =1	"

Maps in hands of printer:—

British Columbia	scale:	17½	miles=1	inch.
Alberta	"	17½	" =1	"
Saskatchewan	"	17½	" =1	"
Manitoba	"	17½	" =1	"
Ontario	"	17½	" =1	"
Quebec	"	17½	" =1	"
Prince Edward Island	"	7·89	" =1	"

REPORT COVERING THE OPERATIONS OF THE DOMINION OF CANADA ASSAY OFFICE, VANCOUVER, B.C., DURING THE YEAR ENDING DECEMBER 31, 1918.

Report of the Manager, G. Middleton.

I.

The following is a report covering the operations of the Dominion of Canada Assay Office, Vancouver, B.C., for the calendar year ending December 31, 1918.

Instructions were received on January 24, 1918, to ship the gold bullion purchased by this office to the Royal Mint at Ottawa; the returns, however, do not compare favourably with those of former years, there being a difference of $659.43 against this office on bullion shipped to the Royal Mint, as shown in this report under the heading "Disbursements, Receipts, etc."

GOLD BULLION.

There were 1,358 deposits of gold bullion received, melted, assayed and purchased; before disposing of same the small deposits were assembled and melted into large bars, which were also assayed. A total of 1,420 meltings and 1,420 assays were required in connexion with the purchase and disposal of the bullion, all assays being run in quadruplicate.

Two hundred and twenty ounces of quartation silver were manufactured and punched into discs ranging in weight from 25 to 750 mgrms.; 13,600 cupels of different sizes were also manufactured and 395 pounds of slag treated and the values contained in same recovered.

The aggregate weight of the gold bullion deposits before melting was 241,762·77 troy ounces and after melting 238,245·13 troy ounces, showing a loss in melting of 1·455 per cent. The loss in weight by assaying was 27·11 troy ounces, making the weight of bullion after melting and assaying 238,218·02 troy ounces, the average fineness of same being ·827¾ gold and ·138 silver.

The net value of the gold and silver contained in deposits was $4,099,595·80, and was received from the following sources:—

Source.	Number of deposits.	Weight.		Net value.
		Before melting and assaying.	After melting and assaying	
		(Troy ozs.)	(Troy ozs.)	$
British Columbia	872	120,280·75	118,046·88	2,175,511 48
Yukon Territory	485	121,463·50	120,153·96	1,923,764 66
Alberta	1	18·52	17·18	319 66
	1,358	241,762·77	238,218·02	4,099,595 80

CREDITS AND DISBURSEMENTS FOR THE PURCHASE OF GOLD BULLION.

Unexpended balance, "Letters of Credit," January 1, 1918	$ 155,678 09	
Credits established	4,400,000 00	
Balance written off at close of fiscal year, March 31, 1918	.....	$ 109,374 04
Disbursements	.....	4,099,595 80
Unexpended balance, "Letters of Credit," December 31, 1918	.....	346,708 25
	$4,555,678 09	$4,555,678 09

DISBURSEMENTS AND RECEIPTS FOR THE PURCHASE AND SALE OF GOLD BULLION.

Value of bullion on hand, January 1, 1918	$ 53,903 70	
Disbursements for the purchase of bullion	4,099,595 80	
Receipts from bullion sold for manufacturing purposes	.....	$ 126,975 07
Receipts from bullion shipped to United States Assay Office, Seattle, Wash., U.S.A.	.....	89,011 54
Receipts from bullion shipped to Royal Mint, Ottawa, Ont.	.....	3,732,525 56
Value of bullion shipped to Royal Mint, Ottawa, for which returns have not yet been received	.....	111,643 54
Value of bullion on hand, December 31, 1918	.....	94,845 45

Difference in favour of this office on bullion sold for manufacturing purposes	2,020 65	
Difference in favour of this office on bullion shipped to United States Assay Office, Seattle, Wash., U.S.A.	140 44	
Difference against this office on bullion shipped to Royal Mint, Ottawa	.....	659 43
	$4,155,660 59	$4,155,660 59

CONTINGENT ACCOUNT.

Unexpended balance, January 1, 1918	$ 330 85	
Funds provided per official cheques Nos. 2211, 2429, 2663, 9, 188, 476, 751, 1013, 1275, 1501, 1704 and 2086	2,775 00	
Amount remitted Receiver General per draft No. 179 at close of fiscal year, March 31, 1918	.....	$ 47 59
Expenditure	.....	2,992 66
Unexpended balance, December 31, 1918	.....	65 60
	$3,105 85	$3,105 85

CONTINGENT EXPENDITURE.

Fuel (gas)	$ 762 15
Power	274 22
Express charges on bullion (Vancouver, B.C., to Seattle, Wash., U.S.A.)	74 62
Express charges on bullion boxes (Ottawa, Ont., to Vancouver, B.C.)	51 30
Electric vault protection	300 00
Postage	70 00
Telephones	86 95
Expressage, freight, etc., on supplies and new equipment	163 54
Installing new equipment	111 07
Assayers' and melters' supplies (purchased locally)	859 72
Sundries	239 09
	$2,992 66

NEW EQUIPMENT.

During the month of November a No. 15 Case gas muffle furnace was received and installed in melting room.

PROCEEDS FROM SALE OF RESIDUES.

Residue recovered from slags, sweepings, etc.	$881 37
42 empty acid bottles	5 04
	$886 41

NOTE.—12·02 ounces silver (recovered from slags, etc.) were turned over to assayers on March 21, 1918, for assaying purposes.

RESIDUES ON HAND, DECEMBER 31, 1918.

Residue recovered from slags, sweepings, etc.	$700 95
22 empty acid bottles.	

MISCELLANEOUS RECEIPTS.

Draft No. 479, in favour of Deputy Minister of Mines (a payment for treating 22 ounces gold leaf sign scrapings)		$ 1 50
Draft No. 482, in favour of Deputy Minister of Mines (a payment for treating 32·98 ounces old silver)		5 50
Draft No. 503, in favour of Deputy Minister of Mines (a payment for 1 old analytical bullion balance)		35 00
Draft No. 511, in favour of Deputy Minister of Mines (a payment for melting 0·33 ounces bullion)	$1 00	
(A payment for 1 special assay)	2 00	
		3 00
Draft No. 514, in favour of Deputy Minister of Mines (a payment for special assay)		3 00
Draft No. 555, in favour of Deputy Minister of Mines (a payment for 16½ pounds mercury (impure)		16 50
Draft No. 508, in favour of Deputy Minister of Mines (a payment for treating 11 pounds slag)		2 00
Draft No. 587, in favour of Deputy Minister of Mines (a payment for platinum and gold recovered from samples of sands assayed as a whole)		35 37
		$101 87

COMPARATIVE STATEMENT OF GOLD BULLION DEPOSITED DURING THE PAST SIX YEARS.

Calendar year.	Number of deposits.	Weight.	Net value.
		(troy ozs.)	$
1913	783	111,479·95	1,448,625 37
1914	1,112	166,148·83	2,029,251 31
1915	1,961	183,924·49	2,736,302 31
1916	1,779	180,292·83	2,828,239 65
1917	1,583	191,626·04	3,257,220 71
1918	1,357	241,762·77	4,099,595 80

II.

PLATINUM.

Instructions were received on July 15 to make preparations for the assaying at this office of platinum-bearing ores and sands in connexion with the operation of the Canadian Munitions Resources Commission, and an assayer was sent from Ottawa for that work. Further instructions were received on July 19 to also make preparations to purchase platinum metals for the Imperial Munitions Board and the refining and melting of platinum deposits were in due course undertaken by a member of our assaying staff.

Additional floor space and equipment had to be obtained in order to carry on these two branches of work. Three adjoining rooms were secured, but they had to be remodelled and enlarged, which was arranged by extending them across the lane owned by the Government. An entrance to the platinum division was made from the melting room and the former outside entrances to the rooms acquired built up. The new equipment consists of two fume cupboards, electric still, crusher, pulverizer, motor, No. 15 Case gas muffle furnace, melting equipment, analytical and button balances, operating table, etc.

One hundred and eighty-nine samples of platinum-bearing ores and sands were assayed, of which one hundred and one were for the commission and the balance for prospectors and others. On November 20 the assayer who was sent from Ottawa left the service and one hundred and twenty-one unassayed samples then on hand were

taken by the commission to Ottawa, but instructions have since been received that assays of platinum-bearing ores and sands may continue to be made.

Seventy-nine deposits of crude and scrap platinum were received, but on account of the market being established so late in the season, there was only a portion of the output of crude platinum deposited at this office.

Instructions were received on December 14 to discontinue the purchase of platinum after December 31, 1918. Settlement will in due course be made for the deposits received towards the end of December and the whole of the platinum metals purchased will thereafter be shipped to the Imperial Munitions Board, care of the Royal Mint, Ottawa.

PLATINUM AND PLATINUM ORES ACCOUNT.

Funds provided—		
July 23, 1918—Transferred from Ottawa	$2,000 00	
Aug. 5, 1918— " "	1,100 00	
Sept. 24, 1918— " "	500 00	
Nov. 12, 1918—Per official cheque, No. 1673	225 00	
Dec. 20, 1918— " " No. 2086	75 00	
	$3,900 00	
Expenditure	.....	$3,882 20
Unexpended balance, December 31, 1918	.....	17 80
	$3,900 00	$3,900 00

EXPENDITURE FOR EQUIPMENT AND SUPPLIES IN CONNEXION WITH THE ASSAY OF PLATINUM-BEARING ORES AND SANDS AND PURCHASE OF PLATINUM METALS.

Equipment and supplies	$3,599 89
Expressage and freight on equipment	108 63
Fuel (gas)	81 24
Power	22 00
Sundries	70 53
	$3,882 20

CREDITS AND DISBURSEMENTS FOR THE PURCHASE OF PLATINUM TO DECEMBER 31.

Credits established	$9,000 00	
Disbursements	.....	$7,955 87
Unexpended balance, December 31, 1918	.....	1,044 13
	$9,000 00	$9,000 00

LIST OF REPORTS, BULLETINS, ETC., PUBLISHED DURING THE YEAR 1918.

MARC SAUVALLE, *Chief of Publishing and Translating Division.*

S. GROVES, *Editor Department of Mines.*

337. Catalogue of Mines Branch Publications (Ninth Edition). Published September 4, 1918.
452. Building and Ornamental Stones of Canada, Vol. V: Province of British Columbia. Report on—by W. A. Parks, Ph.D. Published August 29, 1918.
454. Mines Branch Summary Report for 1916. Published January 25, 1918.
468. Clay Resources of Southern Saskatchewan. Report on—by N. B. Davis, M.A., B.Sc. Published August 3, 1918.
471. Production of Copper, Gold, Lead, Silver, Zinc, etc., for the calendar year 1916. Bulletin on—by John McLeish, B.A. Published March 21, 1918.
472. Mineral Springs of Canada: Part II—The Chemical Character of Some Canadian Mineral Springs. Report on—by R. T. Elworthy, B.Sc. Published August 21, 1918.
474. Mineral production of Canada for calendar year 1916. Annual Report on—by John McLeish, B.A. Published August 6, 1918.
476. The Occurrence and Testing of Foundry Moulding Sands. Bulletin on—by L. H. Cole, B.Sc. Published April 2, 1918.
478. Preliminary Report on the Mineral Production of Canada during the calendar year 1917. By John McLeish, B.A. Published March 6, 1918.
479. Analyses of Canadian Fuels: Part I—The Maritime Provinces. Bulletin on—compiled by Edgar Stansfield, M.Sc., and J. H. H. Nicolls, M.Sc. Published July 31, 1918.
480. Analyses of Canadian Fuels: Part II—Quebec and Ontario. Bulletin on—compiled by Edgar Stansfield, M.Sc., and J. H. H. Nicolls, M.Sc. Published July 31, 1918.
481. Analyses of Canadian Fuels: Part III—Manitoba and Saskatchewan. Bulletin on— compiled by Edgar Stansfield, M.Sc., and J. H. H. Nicolls, M.Sc. Published July 17, 1918.
482. Analyses of Canadian Fuels: Part IV—Alberta and Northwest Territories. Bulletin on— compiled by Edgar Stansfield, M.Sc., and J. H. H. Nicolls, M.Sc. Published July 29, 1918.
483. Analyses of Canadian Fuels: Part V—British Columbia and Yukon Territory. Bulletin on—compiled by Edgar Stansfield, M.Sc., and J. H. H. Nicolls, M.Sc. Published July 17, 1918.
493. Mines Branch Summary Report for 1917. Published December 3, 1918.

List of Mine Operators—

List of Coal Mine Operators in Canada.

List of Mines in Canada (other than Metal Mines, Coal Mines, Stone Quarries, Clay Plants, etc.).

List of Metal Mines in Canada.

List of Metallurgical Works in Canada.

List of Petroleum and Natural Gas Wells.

FRENCH TRANSLATIONS.

402. French translation: Feldspar in Canada. Report on—by H. S. deSchmid, M.E. Published March 19, 1918.
412. French translation: Cobalt alloys with non-corrosive properties. Report on—by H. T. Kalmus, B.Sc., Ph.D. Published January 30, 1918.
455. French translation: Mines Branch Summary Report for 1916. Published August 7, 1918.
475. French translation: The Mineral Production of Canada during the calendar year 1916. Annual report on—by John McLeish, B.A. Published October 1, 1918.

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